



LIFE GreenYourRoute: A European innovative logistic platform for last mile delivery of goods in urban environment



# LIFE GreenYourRoute: A European innovative logistic platform for last mile delivery of goods in urban environment

*Deliverable D1: Report including material associated with dissemination pack and networking activities (updated every six months)*

**Partner responsible for this report: UTH**



With the contribution of the LIFE programme of the European Union and the co-financing of Green Fund, Greece

## Document Information Summary

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<b>Participants:</b>	<b>UTH, MILITOS</b>
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**Disclaimer:**

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## Abbreviations

LIFE GYR

LIFE GreenYourRoute Project

UTH

University of Thessaly

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## Abstract

Deliverable D1, Report including material associated with dissemination pack and networking activities (updated every six months) is associated with the dissemination actions performed during the lifetime of LIFE GreenYourRoute project. These include the production of the notice boards, printed material, such as flyers, to be distributed during participation to several events and networking activities, the project's website, the production of videos and newsletters and the networking activities performed for disseminating the project.

## 1 Introduction

Deliverable D1: “Report including material associated with dissemination pack and networking activities (updated every six months)” includes all dissemination actions performed under the frame of Action D1. Action D1 consists of 3 sub-actions concerning the project’s dissemination planning and execution.

Sub-action “D1.1: Dissemination planning and development of the dissemination pack is associated with the production of promotional material (flyers, posters, videos), the creation and regular update of LIFE GreenYourRoute project’s website, the production of promotional videos and the production of the Layman’s report.

Sub-action “D1.2: Design and production of electronic promotional material” includes the production and dispatch of the project’s newsletters. 11 newsletters are foreseen during the project’s lifetime, one every 6-7 months.

Sub-action “D1.3: Networking with other projects” aims at creating networks between LIFE GYR project and other projects in view of capitalizing on existing solutions, ensuring an efficient transfer of know-how and expertise to foster its replication.

## 2 Sub-action D1.1: Dissemination planning and development of the dissemination pack

### 2.1 Project Logo

The project's logo figures in every dissemination and communication material together with the LIFE logo. After consultation with GreenYourRoute's project team members, the graphic designer creates two project logos (see Figure 1 and Figure 2). The first logo (see Figure 1) consists of a compact black shape in which GreenYourRoute is written in capital letters with white colored characters. A green path is formed connecting the letters G, R, Y, U, T and E ending up in a green truck. The specific logo chosen is simple, recognizable, versatile across mediums and channels and clearly communicates the message on environmental routing.



Figure 1: The GreenYourRoute project logo

The second project's logo (see Figure 2) consists of the previously presented logo and an additional message "Let Us Become The Guide You Trust" in compact black shape with coloured white letters. The word "Guide" is coloured green, indicating the ecological aspects of the project. Eventually the project team decided employing both of the project's logo.



Figure 2: 2<sup>nd</sup> GreenYourRoute project's logo

## 2.2 Notice boards

The project team creates a stand information board. These notice boards are produced in the English, Greek, Italian and Czech language. They include the following:

- Information related to the European Commission's financial instrument and project's logo;
- The project's title and website, its scope and a short description about LIFE GYR's main deliverables and its functionality;
- All partners' logos and general information about the project, such as its total budget, the European contribution and the start and end date.

All the information boards are placed in portable stands with specific side cases for information material and flyers in order to be used further. Each one of them is placed in all beneficiaries' offices in spots where many individuals pass or visit (e.g. laboratories, conference rooms etc.) in Volos, Greece (University of Thessaly, see Figure 3), Athens, Greece (Athinaiki SA, see Figure 4, PLUS, see Figure 5, MILITOS, see Figure 6 and KOUKOUZELIS, see Figure 10), Rende, Italy (ITACA, see Figure 7, Brno Czech Republic (CHAPS, see Figure 8) and Prague, Czech Republic (CEDA, see Figure 9).



Figure 3: Notice board in UTH's facilities



Figure 4: Notice board in ATHINAIKI's facilities



Figure 5: Notice board in PLUS' facilities



Figure 6: Notice board in MILITOS' facilities





Figure 7: Notice board in ITACA's facilities

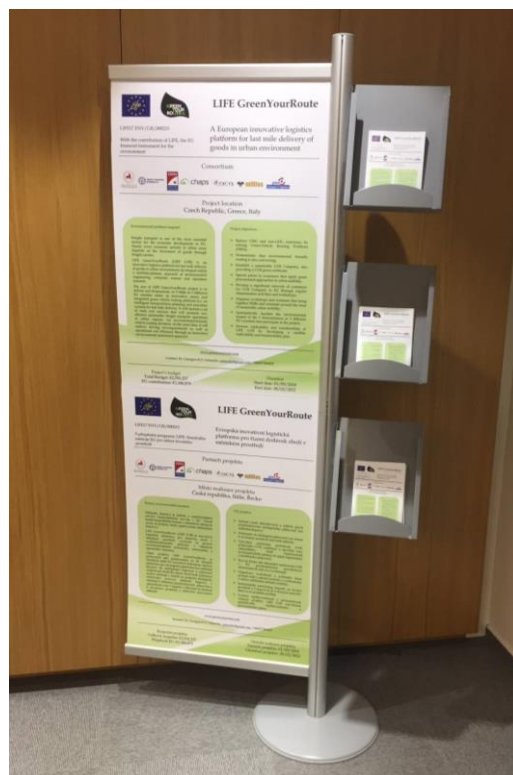


Figure 8: Notice board in CHAPS' facilities



Figure 9: Notice board in CEDA's facilities



Figure 10: Notice board in KOUKOUZELIS facilities

## 2.3 Printed material

The project team orders the production of promotional material that is distributed in printed form but can also be downloaded from the project's website (see Section 4.1.4.3). Although the electronic means are favored, the printed copies are used to feature in the stands of the notice boards, be distributed in the workshops to be performed under the frame of Action D2 and to events or conferences that the project team participates.

The graphic design material promotes project activities and disseminates results in the fields related to the project. The specifications of the material are:

- The graphical approach is in line with established visual identity guidelines.
- A visual impact is achieved: The final outcome manages to visually communicate information and ensures that the desired message reaches the target audience.
- A high quality outcome is achieved: The project team thoroughly revises and reviews the material throughout all steps of the production process in order to ensure that the final outcome is of high quality.
- Visual continuity: All materials produced maintain a common visual style and a strong interrelation. This enables the audience to get familiar with the graphical style and therefore make the material recognisable as well as assist in portraying a positive image of the green vehicle routing problem.
- Needs of the target audience: The project team addresses the challenges posed by the needs and profiles of the target audience. Special care is devoted in making sure that images and concepts do not correspond to a particular demographic, but address a wider spectrum of audience regardless of their age, gender and professional background.

### 2.3.1 Flyer

The project team designs and produces the project's flyer, with the assistance of an external assistant. It is a double-sided, colored page in A5 dimensions. The main information presented in the flyer is:

- The full project's title and its acronym;
- The main aim and actions of the project;
- All partners', project's, EU and LIFE logos;
- The total budget of the project, EU contribution and the disclaimer in reference to the European Commission's financial instrument.

10,000 double-sided flyers in Greek-English (see Figure 11), 2,500 flyers in Italian-English (see Figure 12) and 2,500 in Czech-English (see Figure 13) were produced.

### LIFE GreenYourRoute

LIFE17 ENV/GR/000215

Με τη συμβολή του προγράμματος LIFE, του χρηματοδοτούμενου εργαλείου της Ε.Ε. για το περιβάλλον

**Κοινοπραξία**

**Περιοχή εφαρμογής του έργου**  
Ελλάδα, Ιταλία, Τσεχία

**Περιβαλλοντικό πρόβλημα**

Η βελτιωμένη πρόταση αποτελεί ένα από τους σημαντικότερους μακρο-οικονομικούς επενδυτές στην Ε.Ε. λόγω της οικονομικής δραστηριότητας, η οποία παράγει μεγάλα ποσά διοξειδίου του άνθρακα και άλλων αερίων θερμοκηπίου, με αποτέλεσμα να συμβάλει στην υπερθέρμανση του πλανήτη. Η επιβολή της κλιματικής πολιτικής της Ε.Ε. απαιτεί περαιτέρω δράσεις για την αντιμετώπιση της υπερθέρμανσης του πλανήτη, η οποία είναι η πιο σημαντική πρόκληση της εποχής μας.

Ο στόχος του έργου LIFE GreenYourRoute είναι να μειώσει και να αλλάξει, σε 3 διαφορετικές χώρες, τον διοξειδίου του άνθρακα που παράγεται από τα φορτηγά που μεταφέρουν εμπορεύματα στην πόλη. Η επιβολή της κλιματικής πολιτικής της Ε.Ε. απαιτεί περαιτέρω δράσεις για την αντιμετώπιση της υπερθέρμανσης του πλανήτη, η οποία είναι η πιο σημαντική πρόκληση της εποχής μας.

**Στόχοι του έργου**

- Μείωση οδικών εμπορευμάτων και φορτηγών στην πόλη μέσω του θερμοκηπίου επιβλαβών φορτηγών προβάλλοντας βιώσιμες λύσεις.
- Επιβολή της κλιματικής πολιτικής της Ε.Ε. απαιτεί περαιτέρω δράσεις για την αντιμετώπιση της υπερθέρμανσης του πλανήτη, η οποία είναι η πιο σημαντική πρόκληση της εποχής μας.
- Εξομάλυνση της κλιματικής πολιτικής της Ε.Ε. απαιτεί περαιτέρω δράσεις για την αντιμετώπιση της υπερθέρμανσης του πλανήτη, η οποία είναι η πιο σημαντική πρόκληση της εποχής μας.
- Ανασχεδιασμός οδικών εμπορευμάτων στην Ευρώπη, μέσω της ανάπτυξης συνεργασιών με την κλιματική πολιτική της Ε.Ε. απαιτεί περαιτέρω δράσεις για την αντιμετώπιση της υπερθέρμανσης του πλανήτη, η οποία είναι η πιο σημαντική πρόκληση της εποχής μας.
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### LIFE GreenYourRoute

LIFE17 ENV/GR/000215

With the contribution of LIFE, the EU financial instrument for the environment

**Consortium**

**Project location**  
Czech Republic, Greece, Italy

**Environmental problem targeted**

Freight transport is one of the most essential sectors for the economic development in EU. Nowadays, every economic activity in urban areas depends on the movement of goods through freight carriers.

LIFE GreenYourRoute (LIFE CYR) is an innovative logistic platform for last mile delivery of goods in urban environments developed within a multi-country approach of environmental engineering, computer science and operations research.

The aim of LIFE GreenYourRoute project is to deliver and demonstrate, in 5 EU cities, different EU member states, an innovative, smart, and integrated green urban logistics platform (a so-called smart freight transporter operations in urban regions, via environmental friendly vehicle routing decisions). At the same time, it will address driving eco-innovations as well as operational cost efficiency through an innovative environmental assessment approach.

**Project objectives**

- Reduce GHG and non-GHG emissions by saving Green Vehicle Routing Problems (GVRP).
- Demonstrate that environmental friendly routing is also cost-saving.
- Establish a sustainable CYR Company, also providing a CYR governance.
- Spread CYR in countries that apply green procurement approaches to urban mobility.
- Develop a significant network of customers for CYR Company in EU through regular dissemination activities and workshops.
- Upgrade existing data sets and build together SMART cities scenarios around the issue of sustainable urban mobility.
- Systematically assess the environmental impact of the 5 demonstrations in a different EU countries that participate in the project.
- Increase replicability and transferability of LIFE CYR by developing a credible replicability and transferability plan.

Figure 11: LIFE GYR flyer in Greek and English language

### LIFE GreenYourRoute

LIFE17 ENV/GR/000215

Con il contributo di LIFE, lo strumento finanziario dell'UE per l'ambiente

**Consorzio**

**Sede del progetto**  
Grecia, Italia, Repubblica Ceca

**Problema ambientale interessato**

Il trasporto di merci è uno dei settori più importanti per lo sviluppo economico dell'UE. Quasi tutte le attività economiche nelle aree urbane dipendono dalla movimentazione delle merci da parte dei veicoli.

LIFE GreenYourRoute (LIFE CYR) è una piattaforma logistica innovativa per la consegna di beni nell'ultimo miglio in ambienti urbani sviluppata nell'ambito di un approccio multidisciplinare di ingegneria ambientale, informatica e operazioni.

I obiettivi del progetto LIFE GreenYourRoute è di fornire e dimostrare, in 5 PMI in 3 diversi Stati membri dell'UE, una innovativa piattaforma di routing per veicoli ecologici, intelligente e integrata (ovvero un sistema di pianificazione ed esecuzione dei trasporti intelligenti per la consegna nell'ultimo miglio che includa una serie di strumenti e servizi che promuovono operazioni di trasporto smart eco-efficienti e sostenibili nelle zone urbane, attraverso decisioni sull'itinerario basate sui dati, mediante algoritmi ed efficienza dei costi operativi attraverso soluzioni che tengano conto dell'ambiente).

**Obiettivi di progetto**

- Ridurre le emissioni di GHG e non GHG, riducendo i problemi di tipo Green Vehicle Routing Problem (GVRP).
- Dimostrare che il percorso intelligente dell'ambiente è anche conveniente.
- Stipulare un'azienda CYR sostenibile, anche fornendo un modello CYR e tariffe speciali ai clienti che applicano approcci di approvvigionamento ecologico alla mobilità urbana.
- Sviluppare una rete significativa di clienti per l'azienda CYR in Europa attraverso attività regolari di disseminazione e workshop.
- Organizzare, aggiornare e costruire che siano smart, smart e integrati nella gestione della mobilità urbana sostenibile.
- Monitorare sistematicamente l'impatto ambientale dei 5 dimostrazioni in 3 diversi paesi dell'UE che partecipano al progetto.
- Aumentare la replicabilità e la trasferibilità di LIFE CYR sviluppando un credibile piano di replicabilità e trasferibilità.

### LIFE GreenYourRoute

LIFE17 ENV/GR/000215

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**Consortium**

**Project location**  
Czech Republic, Greece, Italy

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**Project objectives**

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- Upgrade existing data sets and build together SMART cities scenarios around the issue of sustainable urban mobility.
- Systematically assess the environmental impact of the 5 demonstrations in a different EU countries that participate in the project.
- Increase replicability and transferability of LIFE CYR by developing a credible replicability and transferability plan.

Figure 12: LIFE GYR flyer in Italian and English language

ΠΑΡΙΣΙΝΟ ΤΑΜΕΙΟ

With the contribution of the LIFE programme of the European Union and the co-financing of Green Fund, Greece

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Figure 13: LIFE GYR flyer in Czech and English language

A total of 15,000 flyers were printed and provided to all project’s beneficiaries in order to be used in dissemination activities to attract stockholders attention (see Table 1).

Table 1: Flyer distribution among partners

Beneficiary	Number of flyers
UTH	6.250
CEDA	1.250
CHAPS	1.250
ATHINAIKI	1.250
PLUS	1.250
ITACA	2.000
MILITOS	1.250

Specifically, 6,250 flyers were provided to UTH, 1,250 flyers to ATHINAIKI, 1,250 flyers to PLUS, 1,250 flyers to MILITOS, 2,500 flyers to ITACA, 1,250 flyers to CHAPS and 1,250 flyers to CEDA.

### 2.3.2 Poster

A poster in A3 size is designed in the English (see Figure 14), Greek (see Figure 15), Italian (see Figure 16) and Czech (see Figure 17) language. The graphical elements presented within the poster provide a clear flow of information from introduction to conclusion and as a result manage to provide complete information regarding the project to the audience.

A total of 40 posters were provided to all partners (see Table 2).

**Table 2: Poster distribution among beneficiaries**

Beneficiary	Number of posters			
	English	Greek	Italian	Czech
UTH	6	4	-	-
CEDA	2	-	-	3
CHAPS	2	-	-	3
ATHINAIKI	2	3	-	-
PLUS	2	3	-	-
ITACA	2	-	3	-
MILITOS	2	3	-	-

More specifically, 4 posters in English and 6 posters in Greek were provided to UTH, 2 posters in English and 3 posters in Greek were provided to ATHINAIKI, 2 posters in English and 3 posters in Greek were provided to PLUS, 2 posters in English and 3 posters in Greek were provided to MILITOS, 2 posters in English and 3 posters in Italian were provided to ITACA, 2 posters in English and 3 posters in Czech were provided to CHAPS, 2 posters in English and 3 posters in Czech were provided to CEDA.

**LIFE GreenYourRoute**

LIFE17 ENV/GR/000215

With the contribution of LIFE, the EU financial instrument for the environment

A European innovative logistics platform for last mile delivery of goods in urban environment

Consortium

Project location  
Czech Republic, Greece, Italy

**Environmental problem targeted**

Freight transport is one of the most essential sectors for the economic development in EU. Nearly every economic activity in urban areas depends on the movement of goods through freight carriers.

LIFE GreenYourRoute (LIFE GYR) is an innovative logistics platform for last mile delivery of goods in urban environments developed within a multidisciplinary approach of environmental engineering, computer science and operations research.

The aim of LIFE GreenYourRoute project is to deliver and demonstrate, to 5 SMEs in 3 different EU member states, an innovative, smart, and integrated green vehicle routing platform (i.e. an intelligent transportation planning and execution system) for last mile delivery. It will include a set of tools and services that will promote eco-efficient sustainable freight transport operations in urban regions, via environmental-friendly vehicle routing decisions. At the same time, it will address driving eco-requirements as well as operational cost efficiency through an innovative environmental assessment approach.

**Project objectives**

- Reduce GHG and non-GHG emissions, by solving Green-Vehicle Routing Problems (VRPs).
- Demonstrate that environmental friendly routing is also cost-saving.
- Establish a sustainable GYR Company, also providing a GYR green certificate.
- Special prices to customers that apply green procurement approaches to urban mobility.
- Develop a significant network of customers for GYR Company in EU through regular dissemination activities and workshops.
- Organize workshops and webinars that bring together SMEs and scientists around the issue of sustainable urban mobility.
- Systematically monitor the environmental impact of the 3 demonstrators in 3 different EU countries that participate in the project.
- Increase replicability and transferability of LIFE GYR by developing a credible replicability and transferability plan.

www.greenyourroute.com

Contact: Dr. Georgios K.D. Saharidis: saharidis@gmail.com; +306977404429

Project's budget  
Total Budget: €2,191,237  
EU contribution: €1,300,879

Duration  
Start date: 01/09/2018  
End date: 28/02/2022

Figure 14: LIFE GYR poster in the English language

**LIFE GreenYourRoute**

LIFE17 ENV/GR/000215

Με τη συμβολή του προγράμματος LIFE, του χρηματοδοτικού εργαλείου της Ε.Ε. για το περιβάλλον

Η Ευρωπαϊκή καινοτόμα πλατφόρμα εφοδιαστικής για την τελική παράδοση φορτίων σε αστικό περιβάλλον

Κοινοπραξία

Περιοχή εφαρμογής του έργου  
Ελλάδα, Ιταλία, Τσεχία

**Περιβαλλοντικό πρόβλημα**

Η μεταφορά φορτίων αποτελεί έναν από τους σημαντικότερους τομείς οικονομικής ανάπτυξης στην Ε.Ε. Έχουν όμως οι οικονομικές δραστηριότητες οι οποίες παρ'όλα αυτά βασίζονται στη διακίνηση αγαθών μέσω φορτίων μεταφοράς.

Το έργο LIFE GreenYourRoute (LIFE GYR) αποτελεί μια καινοτόμη πλατφόρμα εφοδιαστικής για την τελική παράδοση φορτίων σε αστικό περιβάλλον που αναπτύσσεται μέσα από πολυμεταπιστησιακή προσέγγιση της περιβαλλοντικής μηχανικής, της πληροφορικής και των επιχειρηματικών διαδικασιών.

Στόχος του έργου LIFE GreenYourRoute είναι να παράσχει και να επιδείξει, σε 3 διαφορετικές εταιρείες που δραστηριοποιούνται σε 3 διαφορετικά κράτη μέλη της Ε.Ε., μια καινοτόμη (έξυπνη και ολοκληρωμένη) πλατφόρμα πρόβλεψης-επιλογής οχημάτων (δηλαδή ένα εξυπνο σύστημα εφοδιασμού και εκτέλεσης του μεταφορέα). Η πλατφόρμα θα περιλαμβάνει ένα σύνολο εργαλείων και υπηρεσιών που την τελική παράδοση φορτίων που οδηγεί στην παραβίαση περιβαλλοντικών και βιώσιμων μεταφορικών απαιτήσεων σε αστικά περιβάλλοντα μέσω φορτίων προς το περιβάλλον ασταθών δραστηριοτήτων. Επιπλέον θα συμβάλει στη καλύτερη διαχείριση του λειτουργικού κόστους μεταφοράς.

**Στόχοι του έργου**

- Μείωση εκπομπών αερίων του θερμοκηπίου και εκπομπών οξείδων του αζώτου του θερμοκηπίου (αποδοτική πρόκληση περιβαλλοντικής οχημάτων).
- Επιδείξει πως η τελική παράδοση περιβαλλοντικής εφοδιαστικής οχημάτων είναι κοστούμενη και καινοτόμη.
- Ψηφιακή μια βιώσιμη εταιρεία, που θα προσφέρει πρόκληση καινοτομίας.
- Εξειδικεί τους σε πολιτικές που εφαρμόζουν πολιτικές πρόκληση προφορτίων στην αστική κινητικότητα.
- Αναπτύξει βασικό σύνολο στην Ευρωπαϊκή Ένωση μέσω στεγνών συνεργασιών διαδρομής και εργαλείων.
- Διατήρηση φορτίων και διαθεσιμότητα συμμετοχή των φορτίων σε σειράς τελεματικής λειτουργίας και την επιχειρηματική καινοτομία για το θέμα της βιώσιμης αστικής κινητικότητας.
- Συστηματική παρακολούθηση των περιβαλλοντικών αποτελεσμάτων των 3 καινοτόμων εταιρειών από 3 διαφορετικά κράτη της Ε.Ε.
- Αύξηση της αναπαραγωγής του LIFE GYR με την ανάπτυξη ενός αξιολογημένου σχεδίου αναπαραγωγής/μεταφοράς.

www.greenyourroute.com

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Προϋπολογισμός του έργου  
Συνολικός προϋπολογισμός €2,191,237  
Συμμετοχή της Ε.Ε.: €1,300,879

Διάρκεια  
Ημερομηνία έναρξης: 01/09/2018  
Ημερομηνία λήξης: 28/02/2022

Figure 15: LIFE GYR poster in the Greek language

**LIFE GreenYourRoute**

LIFE17 ENV/GR/000215  
Con il contributo di LIFE, lo strumento finanziario di FUE per l'ambiente

Una piattaforma europea innovativa per la logistica distributiva nell'ultimo miglio in ambiente urbano

Consorzio

Sede del progetto  
Grecia, Italia, Repubblica Ceca

**Problema ambientale irrisolto:**  
Il trasporto di merci a uno dei sistemi più importanti per lo sviluppo economico italiano. Quasi tutte le attività economiche nelle aree urbane dipendono dalla consegna regolare delle merci da parte dei veicoli. LIFE GreenYourRoute (LIFE GYR) è una piattaforma logistica innovativa per la consegna di beni all'ultimo miglio in ambienti urbani sviluppata nell'ambito di un approccio multidisciplinare di trasporto: ambientale, infrastrutturale e tecnico operativo.

**Obiettivi di progetto:**

- Ridurre le emissioni di CO<sub>2</sub> e non CO<sub>2</sub> rilevanti per il clima di tipo Green LIFE.
- Dimostrare che il percorso rispettoso dell'ambiente è anche economicamente.
- Stabilire una nuova GYR sostenibile, anche tramite un vecchio GYR o servizi specializzati che applicano approcci di apprensione/monitoraggio della mobilità urbana.
- Sviluppare una rete distribuita di clienti per l'Europa. GYR in Europa attraverso attività regolatorie, di governo e marketing.
- Organizzare workshop e ricerche che dimostrano l'alta adesione della comunità della mobilità urbana sostenibile.
- Monitorare sistematicamente l'impatto ambientale del 5° trimestre in 3 città pilota dell'UE in partnership con i partner.
- Assicurare la replicabilità e la trasferibilità di LIFE GYR in altri paesi in modo da poter essere replicabile e trasferibile.

Budget del progetto  
Budget totale: €2.191.237  
Contributo dell'UE: €1.300.879

Durata  
Data d'inizio: 01/09/2018  
Data di fine: 28/02/2022

Figure 16: LIFE GYR poster in the Italian language

**LIFE GreenYourRoute**

LIFE17 ENV/GR/000215  
S podporou programu LIFE  
financovaného z rozpočtu EU pro oblast životního prostředí

Evropská inovativní logistická platforma pro dobývku zboží v městském prostředí

Partneři projektu

Místo realizace projektu  
Česká republika, Itálie, Řecko

**Belový environmentální problém:**  
Nákladní doprava je jedním z neekologičtějších odvětví hospodářství země. V EU téměř každá hospodářská činnost je závislá na pravidelné a včasné dodávce zboží a služeb v městském prostředí. LIFE GreenYourRoute (LIFE GYR) je inovativní logistická platforma pro zjednotění zboží v městském prostředí, poskytující nové možnosti ekonomického, infrastrukturalního a technického řešení.

**Cíl projektu:**

- snížit emise skleníkových a dalších plynů prostřednictvím ekologičtější platformy pro městskou dopravu.
- Prokázat, že ekologičtější platforma je také ekonomicky výhodnější.
- vytvořit udržitelnou a inovativní GYR, poskytnout GYR certifikát a speciální ceny zákazníkům. Každý zákazník má environmentální přínos: co méně logistického množství znamená méně emisí.
- rozvíjet síť zvláště upravených GYR v EU, představovat a představovat a demonstrovat v ostatních městech.
- organizovat workshop a workshop, které přispívají k nové platformě a vypracování a vývoji udržitelné městské mobility.
- systematicky monitorovat dopad na životní prostředí a klimatu ve 3 pilotních městech EU, které se stávají projekty.
- zajistit replikovatelnost a přenosnost výsledků projektu LIFE GYR v ostatních městech prostřednictvím a poskytnout plán.

Begroční projekt  
Celkový rozpočet: €2.191.237  
Příspěvek EU: €1.300.879

Údobí realizace projektu  
Začátek projektu: 01/09/2018  
Ukončení projektu: 28/02/2022

Figure 17: LIFE GYR poster in the Czech language



### 2.3.3 Promotional giveaway material

Promotional giveaway material bearing LIFE GYR project's logo, the project's website and funding information was produced to be distributed during participation in conferences/events, meetings, workshops, etc. The promotional giveaway material includes mouse pads, wire-bound notebooks including a ball pen, folders and printed linen bags (see Figure 18).



Figure 18: Promotional giveaway material of LIFE GYR

## 2.4 GreenYourRoute Website

An external assistant designs, creates and maintains the project's website. The website created under the frame of LIFE GYR project is available at the following [link](#), under the domain name [www.greenyourroute.com](http://www.greenyourroute.com). The website is the primary information and dissemination tool of the project, hosting the outcomes of all project actions.

The website follows a user-centric approach with the intention to capture and effectively communicate an innovative design concept, as well as demonstrate the different aspects of the user experience (navigation design and information/integration design and graphic or visual design) that enables users to understand the navigation and interaction model provided.

The top section of the website includes LIFE GYR logo, linking to the English homepage, and LIFE and European Commission logos. A navigation menu is also included, directing to the English, Greek, Italian and Czech version of the website and some subsections of interest of each language version. Contribution from the European Commission for the implementation of the project is being referred to. A Subscription to the Newsletter button, directing to the following [form](#) is also included.



Figure 19: Home page of LIFE GYR project

The content of the website is in English (see Figure 19). The main static parts of the website are also translated in the following languages:

- Greek: [link](#) (see Figure 20);
- Italian: [link](#) (see Figure 21);
- Czech: [link](#) (see Figure 22).



Figure 20: Greek version of the website homepage



Figure 21: Italian version of the website homepage



Figure 22: Czech version of the website homepage

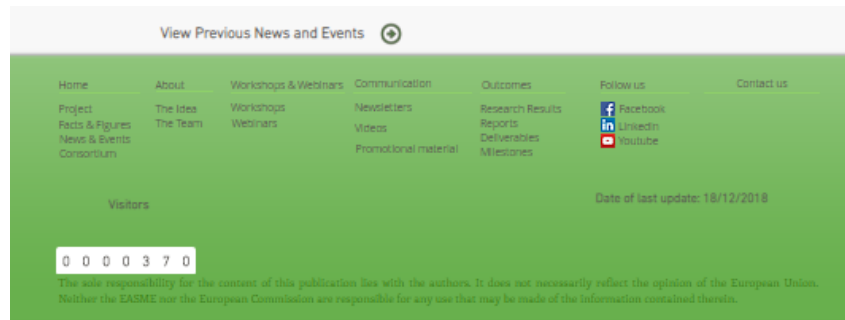


Figure 23: Static segment of main sections of LIFE GYR site

At the bottom section of the website one may find a static segment where the main sections of the site are presented along with all their sub-sections. The online helpdesk message box (see Figure 23) can be found at the bottom left of the home section and all the following sections, enabling the user to seek assistance throughout his navigation at LIFE GYR website. A visitor counter of the site is also included, which counts unique visits of LIFE GYR's website.

Detailed presentation of the official project website is available in the Annex "LIFE GYR project official website presentation".

## 2.5 Social media

### 2.5.1 Facebook

An account under the name "Green Your Route" was created for the promotion of LIFE GYR updates and other related material. News and events published through the project's official website were also promoted through Facebook (see Table 5 in Annex "News and events posted at LIFE GYR Facebook page"). The total number of people reached through the social promotion of news and events were 9,723 people since the beginning of the project.

## 2.6 Promotional Videos

The production of promotional and edutaining audio-visual material is one additional method for project's dissemination planning. It may target managers, directors and drivers. The project team produces 5 educative or promotional videos. Their duration will be between 1-7 minutes. The videos' production schedule is presented in Table 3.

Table 3: Promotional Video plan

Promotional video	Video Language	Alternative versions	Month
1 <sup>st</sup>	<a href="#">English</a>	Czech, Greek, Italian, (subtitles)	M18
2 <sup>nd</sup>	<a href="#">English</a>	Czech, Greek, Italian, (subtitles)	M36
3 <sup>rd</sup>	<a href="#">English</a>	<a href="#">Czech</a> , <a href="#">Greek</a> , <a href="#">Italian</a>	M36
4 <sup>th</sup>	<a href="#">English</a>	<a href="#">Czech</a> , <a href="#">Greek</a> , <a href="#">Italian</a>	M38
5 <sup>th</sup>	<a href="#">English</a>	<a href="#">Czech</a> , <a href="#">Greek</a> , <a href="#">Italian</a>	M42

The first video (prepared in M18) is dedicated to convincing drivers and managers to follow Green Procurement rules and behave with a green way in a daily base. The second video (prepared in M36) where users of GYR app selected by demonstrators' partners give an interview after using LIFE GYR web and mobile application. The third video (prepared in M36) is a getting started video with basic description on how to use the web app as a support video to the manual developed in Action B5. The fourth video (prepared in M38) is a getting started video with basic description on how to use the mobile app as a support video to the manual developed in Action B3. The fifth video (prepared in M42) is dedicated to the SME's demonstrating that environmental friendly routing solutions are also cost saving.

## 2.7 Layman's Report

The Layman's report summarises the work of LIFE's project for a general audience. It includes all the basic information from the whole LIFE Project on public awareness and dissemination results. Layman's report is attached to the Annex.

### 3 Sub-action D1.2: Design and production of electronic promotional material

Newsletters report on the important milestones of the project but also on activities of other related European, national and regional actions and initiatives. The newsletters are widely targeted towards policy makers, practitioners and other EU SME's.

Eleven (11) newsletters are dispatched under the frame of LIFE GYR project, one per 6-7 months. The newsletter is of approximately 2-3 pages text plus graphs/ tables and in full color. It is electronic and is distributed through email and web. Recipients are stakeholders in the sector of freight distribution and forwarding, companies with their own/private fleet of trucks, environmental monitoring agencies, media and policy makers. The newsletters include 3 sections:

- Editorial: An article that discusses selected topics related to the socio-economic and environmental impacts of the project, policy and operations. The editorial may also be based on an interview with a stakeholder of the logistics sector.
- News: Brief summary of each news item presented in the "News" section of the website together with the links towards the website for further reading.
- Good practices: Brief summary of good practices in other EU member states, with links to the "Good practices" section of the website.

#### 3.1 LIFE GreenYourRoute project Newsletter #1

LIFE GreenYourRoute project Newsletter #1 (available at the following [link](#)) was released on March 26, 2019. It was sent to 115 recipients and was received by 102 (successful deliveries rate 88.7%). Its open rate was 26.5% (27 unique opens) and its click rate was 4.9% (18.5% per unique open). The total links clicked were 18.

The first newsletter included the following

Editorial section:

Logistics optimization and environmental efficiency:

Road freight transport, essential for the economic development, has several harmful effects on the environment. These include pollution, accidents, noise, congestion, resource consumption, land use deterioration and climate change.

News section:

1. LIFE GreenYour Route project is on its way!  
LIFE GYR was initiated in September 2018. The project is co-funded by the LIFE programme, the EU financial instrument for the environment.
2. LIFE GreenYourRoute project kick-off meeting in Volos, Greece:  
LIFE GreenYourRoute project (LIFE GYR) officially began implementation in September 2018. On October 4th, 2018 the project's kick-off meeting took place.
3. Logistics meets innovation conference:

In 2019, the 4th edition of the Logistics meets Innovation conference will take place in Brussels, Belgium.

4. 1st Transport Cybersecurity Conference: Raising the bar by working together:  
With the transport sector becoming increasingly digitalised, cybersecurity has turned into one of today's main challenges for transport regulators and stakeholders alike.
5. Preparatory work for an EU road safety strategy 2020-2030:  
The European Commission is preparing an EU road safety strategy for the period 2020 to 2030 and towards zero deaths by 2050.

Good practices section:

1. Freight exchange platforms:  
Freight exchange platforms have changed the face of transport, freight forwarding and the logistics sector in recent years.
2. DHL - Green Optimization in transport:  
A customer in the retail sector was looking to reduce carbon emissions in its transport operations between suppliers and Distribution Centres in the UK. DHL worked together with the customer to develop a solution with lasting benefits.

### 3.2 LIFE GreenYourRoute project Newsletter #2

LIFE GreenYourRoute project Newsletter #2 (available at the following [link](#)) was released on August 1<sup>st</sup>, 2019. It was sent to 112 recipients and was received by 109 (successful deliveries rate 97.3%). Its open rate was 23.9% (26 unique opens) and its click rate was 0% (0% per unique open). The total links clicked were 0.

The second newsletter included the following

Editorial section:

Buying green in logistics:

Green Procurement or green purchasing is the procedure followed during products, services or works purchase, applying environmental criteria for the evaluation of received offers.

Good practices section:

1. Smart Urban Freight Logistics Hubs:  
Urban areas attract extensive flows of goods. Recent studies in cities show that substantial efficiency gains are possible if stakeholders cooperate and bundle freight on the last mile within urban areas using smart urban freight logistics hubs.
2. LIFE ASPIRE project:  
LIFE ASPIRE project, "Advanced logistics platform with road pricing and access criteria to improve urban environment and mobility of goods", is a pilot project financed by the Commission (LIFE Programme) led by the Municipality of Lucca and involves other 5 partners from Italy, Croatia and Sweden.

News section: Clean Mobility



1. European Parliament adoption of new CO<sub>2</sub> emission standards for cars and vans:  
European Parliament agreed on CO<sub>2</sub> emission standards for new cars and vans in the EU for the period after 2020.
2. First-ever EU standards to reduce pollution from trucks:  
The European Parliament and the Council reached provisional agreement on Regulation setting, for the first time in the EU, strict CO<sub>2</sub> emission standards for trucks.
3. Provisional agreement on funding for environment and climate action:  
European Commission welcomes the provisional agreement reached by the European Parliament and Council on the LIFE programme for the Environment and Climate Action, as part of the next long-term EU budget 2021-2027.

### 3.3 LIFE GreenYourRoute project Newsletter #3

LIFE GreenYourRoute project Newsletter #3 (available at the following [link](#)) was released on August 7<sup>th</sup>, 2020. Its subject was “Making Europe climate neutral through sustainable mobility”. It was sent to 374 recipients and was received by 328 (successful deliveries rate 87.7%). Its open rate was 17.7% (58 unique opens) and its click rate was 1.5% (8.6% per unique open). The total links clicked were 16.

LIFE GreenYourRoute project Newsletter #3 was also promoted through Facebook, reaching 94 people.

The third newsletter included the following:

Editorial section:

The European Green Deal and LIFE GYR:

Becoming the world’s first climate-neutral continent by 2050 is the greatest challenge and opportunity of our times. To achieve this, the European Commission presented the European Green Deal, the most ambitious package of measures that should enable European citizens and businesses to benefit from sustainable green transition.

LIFE GYR news:

1. LIFE GYR is participating in ESCC 2020 in August:  
LIFE GYR project team will be present in the 7<sup>th</sup> International Conference on Energy, Sustainability and Climate Change (ESCC 2020), held in Skiathos island, Greece, between August 24<sup>th</sup> and 26<sup>th</sup>, 2020.
2. First LIFE GYR outcomes are available online:  
The aim of LIFE GreenYourRoute project is to deliver and demonstrate, to 5 SMEs in 3 different EU member states, an innovative, smart, and integrated green vehicle routing platform (i.e. an intelligent transportation planning and execution system) for last mile delivery.

Good practices section:

1. Transport Climate Action Directory:

A new database has been launched by the International Transport Forum, the Transport Climate Action Directory (TCAD), which documents transportation policies aimed at reducing CO2 emissions that have been implemented around the world and reveals their costs, benefits and effectiveness.

2. City e-truck charging can cut road freight emissions by 20%:  
The EU could slash truck carbon pollution by over a fifth (22%) in a decade by requiring its main cities to have electric truck charging infrastructure.

News section:

1. Better working conditions for truck drivers across the EU:  
New European Union rules on road transport aim to end distortion of competition in the sector while providing better working conditions for drivers.
2. EU promotes digitalisation of freight transport information:  
The EU is taking a major step forward in the digitalisation of transport by making it easier for businesses to provide information to authorities in digital form.

### 3.4 LIFE GreenYourRoute project Newsletter #4

LIFE GreenYourRoute project Newsletter #4 (available at the following [link](#)) was released on December 22<sup>nd</sup>, 2020. Its subject was “High demand seasons make optimization of freight distribution critical”. It was sent to 354 recipients and was received by 328 (successful deliveries rate 92.7%). Its open rate was 18.6% (61 unique opens) and its click rate was 0.3% (1.6% per unique open). The total links clicked were 5.

LIFE GreenYourRoute project Newsletter #4 was also promoted through Facebook, reaching 59 people.

The fourth newsletter included the following:

Editorial section:

COVID-19 pandemic challenges and LIFE GYR:

If peak seasons exist for businesses, especially retailers, they also exist for freighters and loaders. The COVID-19 pandemic the whole world is experiencing, resulted in an unprecedented accelerating rise in e-commerce and the digital economy, and consequently in freight movement in the last-mile. Social distancing, strict movement measures and shutdowns of the retail market resulted in many consumers shopping securely from home. Logistics operations suddenly became complicated and an increased pressure was put on logistics companies to increase efficiencies. On-time deliveries were significantly reduced and extended delays were recorded.

LIFE GYR news:

1. GreenYourRoute platform is coming in the New Year:  
Despite the barriers and the delays set by the coronavirus outbreak, LIFE GYR project team is trying its best to deliver GYR platform early in 2021. Proper communication between the various components of the platform is being established and fine-tuning of

its functionalities is performed. Extensive testing of the platform is taking place to ensure its proper operation.

2. GYR platform emission calculation tool is available:

One of the critical components of GYR platform is the emission calculation tool, which is based on the novel emission calculation model developed under the frame of the project. The emission calculation tool can also operate as a stand-alone programme and can be easily integrated in any existing platform.

Good practices section:

1. The city of Graz trials CO<sub>2</sub>-free postal delivery:

In August 2020, a collaboration between Austrian Post and the City of Graz began to test CO<sub>2</sub>-free postal delivery. The project is testing the delivery of letters and parcels using e-bikes and trailers in the inner city area of Graz. The project is a 3-month trial and potentially serves as a blueprint for the future of postal deliveries in conurbations.

2. Quiet and clean deliveries to city supermarkets:

The ZEUS project aims to show that urban goods can be delivered in off-peak hours in a quiet, efficient, and environmentally friendly way.

News section:

1. Driving cleaner transport with the Eurovignette:

With the revision of the Eurovignette Directive on road user charges the subject of intense debate in the European Council, IRU has written an open letter to senior EU officials urging them to consider a well-to-wheel approach in the new text.

2. A fundamental transport transformation: Commission presents its plan for green, smart and affordable mobility:

The European Commission presented the 'Sustainable and Smart Mobility Strategy' together with an Action Plan of 82 initiatives that will guide its work for the next four years.

### 3.5 LIFE GreenYourRoute project Newsletter #5

LIFE GreenYourRoute project Newsletter #5 (available at the following [link](#)) was released on March 1<sup>st</sup>, 2021. Its subject was "Bridging the gaps to real applications for the vehicle routing problem". It was sent to 352 recipients and was received by 326 (successful deliveries rate 92.6%). Its open rate was 20.2% (66 unique opens) and its click rate was 0.6% (3.0% per unique open). The total links clicked were 4.

LIFE GreenYourRoute project Newsletter #5 was also promoted through Facebook, reaching 45 people.

The fifth newsletter included the following:

Editorial section:

The vehicle routing problem challenges

Efficient transportation has become essential in everyday life. To address the necessity of scheduling commodities transport by vehicle fleets, research in vehicle routing and scheduling has grown substantially in the last few decades. The vehicle routing problem is one of the most popular and challenging problems in the fields of operations research and has attracted the attention of the research community, due to its complexity from an academic point of view and its various industrial applications from a commercial point of view.

#### LIFE GYR news:

1. New release date of GYR platform  
GYR platform is almost finalized and is currently tested and evaluated for its performance. Until September 2021, it will be put in full operation for the project demonstrators, to provide them with the environmental friendliest and most efficient routing solutions for their daily transport operations.
2. GYR Vehicle Routing Problem algorithm  
One of the critical components of GYR platform is the vehicle routing algorithm, which is based on the requirements communicated by five different logistics companies. GYR vehicle routing algorithm can be easily adopted by several logistics companies.

#### Good practices section:

1. Italian guidance published on “Urban logistics in an integrated vision”:  
The Italian Ministry of Infrastructure and Transport has published guidance, which deals with the issue of the movement of goods in cities which, with the increase in e-commerce that sprang up following the Covid-19 epidemic, is taking on completely different profiles compared to a few years ago.
2. Greater Lyon tightens its low emission zone:  
On 1 January 2021, the Greater Lyon metropolitan area in France introduced tighter restrictions for its Low Emission Zone. It currently affects only heavy goods vehicles and vans that do not meet the specified emission limit values.

#### News section:

1. “8th International Conference on Energy, Sustainability and Climate Change” Volos, Greece, ESCC 2021:  
The day has come and LIFE GreenYourRoute project team will be present!  
The conference aims on bringing together leading experts in the fields of Energy, Sustainability and Climate Change as well as optimization and computational methods to discuss recent advancements and trending topics.
2. Road charging reform – Council agrees its stance:  
The EU is revising its road charging rules (Eurovignette directive) to address greenhouse gas emissions and other environmental impacts, congestion and road infrastructure financing.

### 3.6 LIFE GreenYourRoute project Newsletter #6

LIFE GreenYourRoute project Newsletter #6 (available at the following [link](#)) was released on May 14<sup>th</sup>, 2022. Its subject was “GreenYourRoute is up and running!”. It was sent to 350 recipients and was received by 315 (successful deliveries rate 90.0%). Its open rate was 27.3% (86 unique opens) and its click rate was 0.6% (2.3% per unique open). The total links clicked were 6.

LIFE GreenYourRoute project Newsletter #6 was also promoted through Facebook, reaching 87 people.

The sixth newsletter included the following:

Editorial section:

The ongoing war in Ukraine has lately led to increasing global prices of fossil fuels (crude oil and natural gas), which do not seem to deescalate soon. Taking into consideration that Europe’s economy is still dependable on fossil fuels, their high prices have resulted into an intensifying energy crisis. In the energy market, transport sector is among the ones with the highest dependency on fossil fuels with high contribution to the emissions as well.

LIFE GYR news:

#### 1. Real-Life Practice of GYR Platform

The Real-Life Practice of GYR Platform has started since the 1st of December 2021. The integration of the platform has been completed in all project demonstrators with all their vehicles and special characteristics already added to the database. We are already in the 6th month of the Real-Life Practice period and everything seems to roll smoothly.

#### 2. GYR Automatic Order Import Tools are Available

The GYR platform offers to the user the ability to insert the daily orders, which are to be executed the following day, either manually (one by one) or automatically. For the automatic import a typical excel file has been standardized containing all the necessary information of an order (origin, destination, time windows, package type, volume etc.). Thus, the user saves significant time by automatically uploading to the GYR Platform all the necessary orders that are to be served.

Good practices section:

#### 3. Grenoble takes over as European Green Capital for 2022:

The French city of Grenoble has officially taken over as the European Green Capital for 2022 at the Green Capital Opening Ceremony on the 15 January 2022, taking over from the Finnish city of Lahti.

#### 4. Madrid develops Logistics Microhub to boost Low Emissions Delivery:

The Municipal Transport Company of Madrid (EMT), in collaboration with the sustainable urban distribution company CITYlogin, has launched a pilot initiative for the capillary distribution of goods.

News section:



5. “9th International Conference on Energy, Sustainability and Climate Crisis” Paphos City, Cyprus, ESCC 2022:

The day has come and LIFE GreenYourRoute project team will be present!

ESCC 2022 will take place in Paphos City, Cyprus, on August 29 - 31, 2022 for Regular Presentations & Poster Demonstration and on September 1 - 2, 2022 for Round Tables ONLY for Invited Researchers, either with physical or virtual participation, under the auspices of the University of Florida, the University of Thessaly, the Rutgers University, the Cyprus University of Technology, the BRNO University of Technology, the Qatar University and the Coimbra Business School | ISCAC. The conference aims on bringing together leading experts in the fields of Energy, Sustainability and Climate Change as well as optimization and computational methods to discuss recent advancements and trending topics.

6. Commission announces 100 cities participating in EU Mission for Climate-Neutral and Smart Cities by 2030:

The Commission announced the 100 EU cities that will participate in the EU Mission for 100 climate-neutral and smart cities by 2030, the so-called Cities Mission. The 100 cities come from all 27 Member States, with 12 additional cities coming from countries associated or with the potential of being associated to Horizon Europe, the EU's research and innovation programme (2021-2027).

### 3.7 LIFE GreenYourRoute project Newsletter #7

LIFE GreenYourRoute project Newsletter #7 (available at the following [link](#)) was released on May 20<sup>th</sup>, 2022. Its subject was “New Era! GreenYourRoute is here!”. It was sent to 341 recipients and was received by 312 (successful deliveries rate 91.5%). Its open rate was 26.0% (81 unique opens) and its click rate was 0.6% (2.5% per unique open). The total links clicked were 2.

LIFE GreenYourRoute project Newsletter #7 was also promoted through Facebook, reaching 47 people.

The seventh newsletter included the following:

Editorial section:

The European Commission is seeking to have at least 30 million Electric Vehicles (EVs) on the roads by the end of this decade. To this goal the majority of the EU members have been investing on installing chargers and developing infrastructure that will let EVs travel either inside a city or from city to city with no “low-battery” problems. Meanwhile, they have been giving economic motivation to both citizens and companies in favor of purchasing EVs. As a result, logistics companies implementing last mile deliveries tend to acquire EVs in a growing rate.

LIFE GYR news:

1. The User(-friendly) Interface of GYR Platform

The developers of GYR team have designed and implemented a user-friendly User Interface (UI). Taking into consideration all the demonstrators requirements, they first designed the pictures that the user wishes to see, when navigating through GYR Platform. At this point all the necessary information was written down and categorized in different pages, such as the registration of vehicles' and customers' characteristics, the import of orders and the routing solution printed on a map.

## 2. GYR Mobile App is cool

GYR Platform includes a web application, where the VRP is solved and different routes are derived for every vehicle. Apart from the web application, LIFE GYR Project has launched the Mobile app, which is addressed to the drivers. Having this app installed in their smartphones, they download their own route which corresponds to their own truck every day. Thus, the drivers can review on their palm what orders they have to deliver or pick up, where are the customers to be served by them and, of course, in what order and which optimal route they should follow in order to reach these customers.

Good practices section:

## 3. Oslo and Amsterdam performing Best on the Way to Sustainable Mobility:

Cities hold the key to leading Europe towards healthy and climate-friendly mobility. The transport sector is also the only sector that has seen its emissions rise since 1990. The Clean Cities Campaign is a European coalition of organisations hosted by Transport & Environment.

## 4. Greater Manchester prepares for the Launch of its Clean Air Zone:

Manchester is set to launch its clean air zone (CAZ) on 30 May 2022, as part of its Clear Air Plan to tackle air pollution. All ten Greater Manchester local authorities have approved the Greater Manchester Clean Air Plan.

News section:

## 5. REPowerEU: A plan to Rapidly reduce Dependence on Russian Fossil Fuels and Fast Forward the Green Transition:

The European Commission presented the REPowerEU Plan, its response to the hardships and global energy market disruption caused by Russia's invasion of Ukraine. The measures in the REPowerEU Plan can respond to this ambition, through energy savings, diversification of energy supplies, and accelerated roll-out of renewable energy to replace fossil fuels in homes, industry and power generation.

## 6. The European Commission and the IEA Outline Key Energy Saving Actions:

The International Energy Agency and the European Commission have outlined a range of simple steps that people can take to reduce their energy use and save money, and that would save enough oil to fill 120 super tankers and enough natural gas to heat almost 20 million homes if adopted by all EU residents.

### 3.8 LIFE GreenYourRoute project Newsletter #8

LIFE GreenYourRoute project Newsletter #8 (available at the following [link](#)) was released on November 13<sup>th</sup>, 2022. Its subject was “Dealing with Air Pollution”. It was sent to 340 recipients and was received by 303 (successful deliveries rate 89.1%). Its open rate was 27.7% (84 unique opens) and its click rate was 1.3% (4.8% per unique open). The total links clicked were 4.

LIFE GreenYourRoute project Newsletter #8 was also promoted through Facebook, reaching 43 people.

The eighth newsletter included the following:

Editorial section:

As a lot of European studies conclude, transport sector is responsible for a high percentage of the urban air pollution. Heavy traffic and very often stops of the vehicles result into high greenhouse gas emissions. Moreover, the city centers are usually densely populated and thus this concentrated air pollution affects more and more people, who end up suffering from light to serious respiratory problems.

Dealing with the deterioration of the air quality in urban environment has emerged as one of the most important challenges of the 21st century worldwide and especially in EU. From motorbikes to buses and from private cars to logistics trucks, there is a variety of vehicles moving from place to place inside the urban environment.

If we zoom into the urban logistics, we will also meet a large variety of different vehicles used, such as motorbikes, small vans and bigger trucks. All these vehicles, belonging to different transport corporations, may use different types of fuel, such as petrol, diesel, natural gas, liquefied petroleum gas or they may be electrical. Each of these types of fuel emits a different mix of air pollutants, such as the CO<sub>2</sub>, CO, CH<sub>4</sub>, SO<sub>2</sub>, PM etc.

Taking all previously mentioned factors into account, one could conclude that reducing the urban logistics emissions and calculating this reduction is “a difficult exercise for clever solvers”. LIFE GYR project solves exactly this exercise and it solves it quickly and correctly. By addressing the Green Vehicle Routing Problem, the project suggests the optimal routing of a fleet with this optimal routing being independent of the types of vehicles, fuel or pollutants considered in each transportation company.

Focusing on last mile delivery, GreenYourRoute promises to offer a “small pebble” in reducing the Urban Logistics Emissions. This “small pebble” can turn into a “huge rock”, upon which a broader European Emission Reduction Strategy could be built.

LIFE GYR news:

#### 1. LIFE GYR participated in ESCC 2022 in August

LIFE GYR project team took part in the 9th conference on Energy, Sustainability and Climate Crisis 2022, which was held in Paphos, Cyprus between 29<sup>th</sup> of August and 2<sup>nd</sup> of September, 2022. The GYR Team had the chance to present LIFE GYR project to the conference participants from all over the world. ESCC conference aims on bringing together leading experts in the fields of energy, sustainability, climate crisis, optimization and computational methods to discuss recent advancements and trending topics. Among



its main thematic areas are, Emissions, Greenhouse Gas Emissions, Non-Greenhouse Gas Emissions, Energy & Environment, Fuels, Mathematical Programming and Energy, Sustainability & Climate Change, Multi-criteria Analysis, Decision Making, Operational Research and Energy, Sustainability & Climate Change, Sustainability in Supply Chain, Transportation and Energy Efficiency.

2. LIFE GreenYourRoute Project Meeting in Volos, Greece

LIFE GreenYourRoute project (LIFE GYR) project and monitoring meetings were held on 28th and 29th of September 2022 respectively in Volos, Greece. Project participants from University of Thessaly, Project Coordinator, CHAPS spol. s r.o., Militos Consulting S.A. and the project's demonstrators, Athinaiki S.A., Central European Data Agency, a.s., ITACA srl and Plus Metaforiki, were gathered in Volos, Greece to discuss on the project's progress and the next steps that need to be taken.

Good practices section:

3. Cologne to establish Mobility Council to support SUMP Development

The German city of Cologne is about to start developing its Sustainable Urban Mobility Plan (SUMP). In order to support the process, the city's Traffic Committee has decided to establish a Mobility Council.

4. Paris announces Controversial Plan to transform Ring Road into Green Belt

The Paris ring road is to be transformed into a "green belt" around the capital city, according to Paris' mayor Anne Hidalgo. The plan which would see the number of lanes of the city's infamous ring road, the 'périphérique', reduced to create space for clean public transport and shared mobility as well as for green space.

News section:

5. Research and Innovation in Urban Mobility, Logistics and Public Transport

The Joint Research Committee (JRC) have recently published two reports titled "Research and Innovation in Urban Mobility and Logistics in Europe" and "Public transport research and innovation in Europe". Both reports provide analysis based upon the Transport Research and Innovation Monitoring and Information System (TRIMIS) database.

6. Assessing the Performance of Urban Public Transport using Population Grid Data

A new analysis, published in September 2022, assesses the performance of (urban) public transport in 197 European cities, by comparing accessibility and proximity of residential populations.

### 3.9 LIFE GreenYourRoute project Newsletter #9

LIFE GreenYourRoute project Newsletter #9 (available at the following [link](#)) was released on February 12<sup>th</sup>, 2023. Its subject was "Towards Reduction of Greenhouse Gas Emissions". It was sent to 324 recipients and was received by 308 (successful deliveries rate 95.1%). Its open rate was 23.7% (73 unique opens) and its click rate was 1.6% (6.8% per unique open). The total links clicked were 5.

LIFE GreenYourRoute project Newsletter #9 was also promoted through Facebook, reaching 35 people.

The ninth newsletter included the following:

Editorial section:

The game is turning around! A recent United Nations report states that Ozone Layer recovery is on track. Well, in May 1985, three scientists from the British Antarctic Survey announced the discovery of a hole in the Ozone Layer. This hole results in increased human exposure to harmful ultraviolet (UV) rays from the sun. In September 1987 The Montreal Protocol was signed to regulate the consumption and production of nearly 100 man-made chemicals, or “ozone-depleting substances” (ODS). The overall phase-down has led to the notable recovery of the protective ozone layer in the upper stratosphere. According to the UN report, if current policies remain in place, the layer is expected to recover to 1980 values by 2040. The Montreal Protocol set a target to reduce the ozone layer hole and this target seems that will be finally achieved.

Similarly, in December 1997 another protocol was signed. It was the Kyoto protocol, which aimed to reduce the emission of gases that contribute to global warming, such as carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), perfluorocarbons (PFCs), hydrofluorocarbons (HFCs), and sulfur hexafluoride (SF<sub>6</sub>). These gases affect the energy balance of the global atmosphere in ways expected to lead to an overall increase in global average temperature, known as global warming or greenhouse effect. Since the signing of the Kyoto protocol in 1997, a lot of effort has been made worldwide to decrease the emission of greenhouse gases. In December 2015, the Paris Agreement was signed in order to replace the Kyoto protocol towards the same effort. However, a number of international research organizations note that carbon emissions worldwide continue to increase.

In Europe, according to a recent study for the EU27, the fossil CO<sub>2</sub> emissions in 2021 were decreased compared to 1991 for all sectors (Industry, Buildings) except for the transport sector. At this point, LIFE GreenYourRoute (LIFE GYR), with its innovative and effective logistics platform, seems essential more than ever. It optimizes last mile delivery of goods in urban environment in an eco-friendly and sustainable context. It guarantees a significant decrease of greenhouse gas emissions, thus, putting a small stone to this effort for the time being. And who knows? Maybe someday, thanks to LIFE GYR, this small stone becomes a huge rock and we will read reports that say “Global greenhouse gas emissions are decreasing”, similarly to the “Ozone layer has started recovering”, that we are reading nowadays.

LIFE GYR news:

#### 1. Real-Life Practice of GYR Platform

The Real-Life Practice of GYR Platform which started on the 1st of December 2021 is reaching its completion. Through the more-than-1-year use of the GYR platform by the demonstrators, a lot of corrections and improvements have been made in it. The useful feedback from the users has made it possible to test the platform in real world situations,

find its weaknesses and fix them. Thus, the final GYR platform derived after the Real-Life Practice will be ready to meet the demands of the project demonstrators and any other logistics company that wishes to integrate it.

## 2. LIFE GYR Workshop

On Wednesday 15th of February at 17:00, the first LIFE GYR Workshop will be held. The Workshop will take place in Athens (Greece) at the War Museum (Rigas Feraios hall) at Rizari street 2-4. There will be a presentation of the application of LIFE Green Your Route Programme. Among the topics of the presentation are the efficient routing management, optimal utilization of available resources and time, reduction of operating costs and measurement of the carbon footprint. Free registration can be made at the following link: [https://www.eventbrite.com/e/green-your-route-workshop-tickets529048447147fbclid=IwAR1MwIFiHIXebjBwt5uf\\_bgQ67WJIsZKU6vuG8HfCmrsHCaeJv vx BdcQ2XQ](https://www.eventbrite.com/e/green-your-route-workshop-tickets529048447147fbclid=IwAR1MwIFiHIXebjBwt5uf_bgQ67WJIsZKU6vuG8HfCmrsHCaeJv vx BdcQ2XQ)

Good practices section:

## 3. Kraków will be first Polish City to ban Older Cars

Kraków has announced plans to establish a 'clean transport zone' in a move to reduce air pollution. The city will be the first in Poland to implement such a measure.

## 4. Delft's IKEA launches Solar Bikes for More Sustainable Last-mile Service

During the last year, the IKEA store in Delft, The Netherlands, completed a pilot using a solar-powered cargo bike for delivering products to its customers within the city centre around the store.

News section:

## 5. Commission proposes new Euro 7 Standards

The Commission presented a proposal to reduce air pollution from new motor vehicles sold in the EU to meet the European Green Deal's zero-pollution ambition, while keeping vehicles affordable for consumers and promoting Europe's competitiveness.

## 6. Route 35 Kick-off Meeting: EU Initiative to Green Automotive Industry

IRU joined a group of key stakeholders invited by the European Internal Market Commissioner, Thierry Breton, to set concrete key performance indicators (KPIs) for a clean and competitive transformation of the EU's automotive ecosystem.

### 3.10 LIFE GreenYourRoute project Newsletter #10

LIFE GreenYourRoute project Newsletter #10 (available at the following [link](#)) was released on June 6<sup>th</sup>, 2023. Its subject was "Emissions are dropping!". It was sent to 322 recipients and was received by 306 (successful deliveries rate 95.0%). Its open rate was 24.4% (77 unique opens) and its click rate was 0.3% (1.3% per unique open). The total links clicked were 4.

LIFE GreenYourRoute project Newsletter #10 was also promoted through Facebook, reaching 23 people.

The tenth newsletter included the following:



## Editorial section:

Good news! Greenhouse gas emissions in the EU fell by 4% in the last 3 months of 2022, according to Eurostat data released on the 15th of May. In the meantime, the same report states that the Gross Domestic Product (GDP) had actually increased by 1.5% during those 3 months. This shows that countries are reducing their greenhouse gas contribution while growing their economies. A pessimist would find the 4% reduction not enough. However, we are realists and find it good enough. It is the outcome of strict regulations and supervision from the EU Commission.

As we know, the transport sector contributes a high rate to the greenhouse gas emissions and it is very important to manage to decrease it. Towards this direction, LIFE GreenYourRoute (LIFE GYR) offers a novel tool for the optimal routing of a logistics company fleet. The GYR platform, which incorporates an innovative developed algorithm, derives the best solutions for the supply operator. By combining the minimization of the total travelled distance, the maximization of the load capacity of the vehicles and the minimization of the vehicle utilization, it guarantees the minimum emissions produced. By implementing tools like GYR, which optimize last mile delivery of goods in urban environment in an eco-friendly and sustainable context, we will be able to keep decreasing the greenhouse gas emissions in the years to come.

## LIFE GYR news:

### 1. Environmental Technology Verification of GYR Platform

Last April Green Your Route (GYR) service obtained ISO 14034:2016. The GYR platform received Environmental Technology Verification (ETV). More specifically, a Certification company verified all performance test data for the aforementioned environmental technology application, according to the relevant verification plan. According to the report, using the GYR platform ensures more efficient routing management compared to the traditional way routing with the following minimal benefits: 1. The total kilometers traveled by the fleet are reduced at least by 20%, 2. Total fuel consumption is reduced by at least 30%, 3. The total number of routes is reduced by at least 10%, 4. Load factor increases by at least 12% and 5. The total emitted pollutants (CO<sub>2</sub>, CH<sub>4</sub>, CO, N<sub>2</sub>O, NH<sub>3</sub>, NO<sub>x</sub>, PM, VOC, SO<sub>2</sub>) are reduced by at least 40%. The verification statement was issued on 21/04/2023 and is valid until 20/04/2026.

### 2. New Logistics Companies use GYR Service

On Wednesday 15th of February at 17:00, the first LIFE GYR Workshop will be held. The Workshop will take place in During the spring 2023, the GreenYourRoute company signed contracts with 3 new users of GreenYourRoute service. The new customers of GreenYourRoute Company are 1) DASCO S.A., 2) YOUTRADESMART, 3) Digicom Systems S.A. All 3 companies provide GreenYourRoute service to their customers (i.e. 3PL companies, courier companies etc.). This is a new chapter opening for the GYR platform, since more businesses trust it for optimizing their operations.

## Good practices section:



3. **Madrid becomes the First Major European Capital to have a 100% Clean Bus Fleet**  
In December 2022, the Spanish capital Madrid became the first major European capital to operate a 100% clean fleet of municipal buses. The city's fleet consists of 1,915 compressed natural gas (CNG) buses and 180 electric buses.
4. **Brussels' New Traffic Plan has reduced Cars by One-Fifth in the Last Six Months**  
The authorities in the Belgian capital, Brussels, have announced the first results of the implementation of their Good Move Plan. The plan is the city's mobility plan and aims to change the flow of traffic within the city, by closing some streets and creating new one-way streets within the city's so-called 'Pentagon' – the main central area. The ultimate aim is to make the city a better place for residents and visitors.

News section:

5. **The Green Deal Industrial Plan: putting Europe's Net-Zero Industry in the Lead**  
The Commission presents a Green Deal Industrial Plan to enhance the competitiveness of Europe's net-zero industry and support the fast transition to climate neutrality. The Plan aims to provide a more supportive environment for the scaling up of the EU's manufacturing capacity for the net-zero technologies and products required to meet Europe's ambitious climate targets.
6. **WHO urges Europe to rethink Mobility to improve Health and Wellbeing**  
In the context of the 7th UN Global Road Safety Week, which ran between 15 and 21 May 2023, WHO's Regional Director for Europe, Hans Kluge, called on European governments to ensure that the normalisation of mobility after the Covid19 pandemic went in the direction of sustainable mobility.

### 3.11 LIFE GreenYourRoute project Newsletter #11

LIFE GreenYourRoute project Newsletter #11 (available at the following [link](#)) was released on June 6<sup>th</sup>, 2023. Its subject was "From the Air to the Ground". It was sent to 320 recipients and was received by 304 (successful deliveries rate 95.0%). Its open rate was 27.6% (84 unique opens) and its click rate was 0.3% (1.2% per unique open). The total links clicked were 4.

LIFE GreenYourRoute project Newsletter #11 was also promoted through Facebook, reaching 25 people.

The eleventh newsletter included the following:

Editorial section:

Another policy to combat climate change was announced recently. France has banned short-haul domestic flights. More specifically, on 23<sup>rd</sup> of May, France has passed a law banning some domestic flights and encouraging travelers to take the train instead. Under the new law, flights that can be replaced by a train journey of under two-and-a-half hours should be scrapped. The idea is simple and environmental friendly. The concept is not to use airplanes for short distances.

A similar notion could be applied in the road transport as well, though not so easily implemented. If the distance you want to travel inside the city is small, then do not take

your car and go by bike or on foot. A potential law like that would not be easy to enforce and supervise. However, a behavior like that should be in the mind of every citizen.

All above policies aim at the reduction of the greenhouse gas emissions like the LIFE GreenYourRoute (GYR) project does, as well. With GYR, you do not need to change your means of transport, but you can manage to utilize it in an environmental friendly way. By optimizing last mile delivery of goods in urban environment in an eco-friendly and sustainable context, GYR platform offers the logistics company a tool for the optimal routing of their vehicles. GYR project contributes to the fight against climate crisis like the new French policy does.

#### LIFE GYR news:

##### 1. Real life Demonstration of GYR Platform

After 17 months of real life practice, the overall impact of logistics companies using the GreenYourRoute service is depicted on the following table. In general, a 16.01% reduction in the total kilometers travelled was achieved and a 5.52% reduction in the total routes made. However, the most astonishing result is that the fuel consumption and total emissions were reduced by 49.35% on average, which is a significant contribution to the battle against the climate crisis.

##### 2. 10th International Conference on Energy, Sustainability and Climate Crisis June 5 - 9, 2023, Heraklion, Greece

The 10th International Conference on Energy, Sustainability and Climate Crisis (ESCC 2023) took place in Heraklion, Greece on June 5 - 9, 2023 in HYBRID Mode under the auspices of the University of Florida, the University of Thessaly, the Rutgers University, the Cyprus University of Technology, the BRNO University of Technology, the Coimbra Business School | ISCAC, the Istanbul Technical University and the Ivey Business School. ESCC series aims on bringing together leading experts in the fields of energy, sustainability, climate change, optimization and computational methods to discuss recent advancements and trending topics. Panos M. Pardalos, Distinguished Professor at the University of Florida, shared his knowledge and experience with the participants. At the end of the conference he gave the "Panos Pardalos" Best Student Award to Ms. Michaela Procházková from Brno University of Technology who presented her work entitled "Efficient Reuse of Wastewater from Industrial Laundries".

LIFE GYR project was presented in a round table and more specifically As. Prof . G. Saharidis made an Extended Presentation of the GYR Platform.

#### Good practices section:

##### 3. Bus Éireann aims to double emission-free km in 2023 after record year

Bus Éireann, the Irish state-owned bus and coach operator, has announced plans to roll-out 20 new double-deck electric vehicles in 2023 in its Limerick city fleet. This will contribute to its commitment to reducing greenhouse gas emissions by 50% by 2030. In 2022, the company delivered 470,000 emission-free kilometres, which it plans to increase to 1 million km in 2023.

##### 4. Paris inaugurates First Zero-Carbon Neighbourhood

Paris recently introduced its first zero-carbon neighbourhood, Îlot Fertile, in the 19th arrondissement. The neighbourhood includes four buildings with residential units, hotels, shops, offices, and sports facilities, but notably no parking spaces. Built on a former industrial site of 1.3 hectares, the small area demonstrates the potential for creating functional and sustainable urban spaces.

News section:

5. **New Law agreed to cut Aviation Emissions by promoting Sustainable Aviation Fuels**  
The Commission welcomes the political agreement on the ReFuelEU Aviation proposal, reached between the European Parliament and the Council. Once in place, the new rules will help decarbonise the aviation sector by requiring fuel suppliers to blend sustainable aviation fuels (SAF) with kerosene in increasing amounts from 2025.  
This measure on its own is projected to reduce aircraft CO<sub>2</sub> emissions by around two-thirds by 2050 compared to a 'no action' scenario, and provide climate and air quality benefits by reducing non-CO<sub>2</sub> emissions.
6. **Rules to boost Intelligent Transport Systems for Safer and more Efficient Transport agreed**  
The Commission welcomes the political agreement reached between the European Parliament and the Council on a proposal made by the Commission in 2021 on the revision of the Intelligent Transport Systems (ITS) Directive. The revised law will make high-quality and timely data available for services such as multimodal journey planners and navigation services. A smarter and interoperable transport system will allow the more effective management of traffic and mobility across transport modes, enabling users to better combine the most sustainable modes of transport.

#### **4 Sub-action D1.3: Networking with other projects**

This sub-action aims at creating networks between LIFE GYR project and other projects in view of capitalizing on existing solutions and ensuring an efficient transfer of know-how and expertise to foster its replication.

GYR LIFE project has made efforts to establish connections and collaborate with other EU projects in the field of green environmental approaches.

The following actions are demonstrating how GYR project has reached out and connected with other EU projects, platforms, and networks, in the domain of green environmental approaches. These actions were linked with the overall dissemination strategy of the project in order to disseminate its results and actions.

It should be noted, that COVID-19 has had a large impact on the ability of the project to conduct effective networking.

Here are some ways in which the GYR LIFE project has engaged in networking with other projects:

- **Collaboration with other EU projects:** The project has focused on collaborating with four other EU projects in the same domain. This collaboration has allowed for the

exchange of knowledge, sharing of best practices, and mutual support in achieving common objectives.

- Online networking and clustering activities: Due to travel restrictions and limitations imposed by the pandemic, in-person networking and clustering activities were significantly restricted.

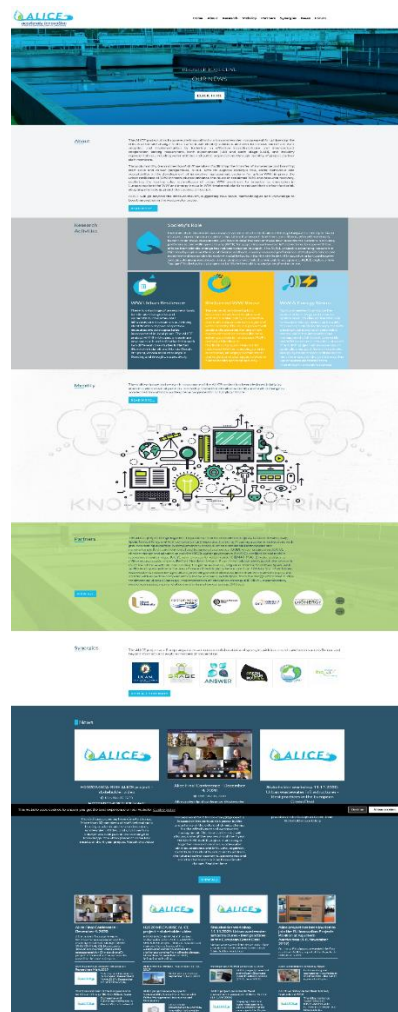
As GYR project began to produce outcomes, engaging with other EU projects in similar areas became more constructive and beneficial.

Bilateral meetings were held with each of these projects representatives to discuss points for further collaboration and focus was put into interactions established with four EU projects (implemented during the early years of GYR project):

- ALICE (<https://www.alice-wastewater-project.eu/>),
- GRAGE (<http://www.grageproject.eu/>),
- GREENOMED (<https://greenomed.interreg-med.eu/>),
- RE-SOURCE(<https://re-sourcebalkanmed.eu>)

Figure 24: Static segment of main sections of LIFE GYR site

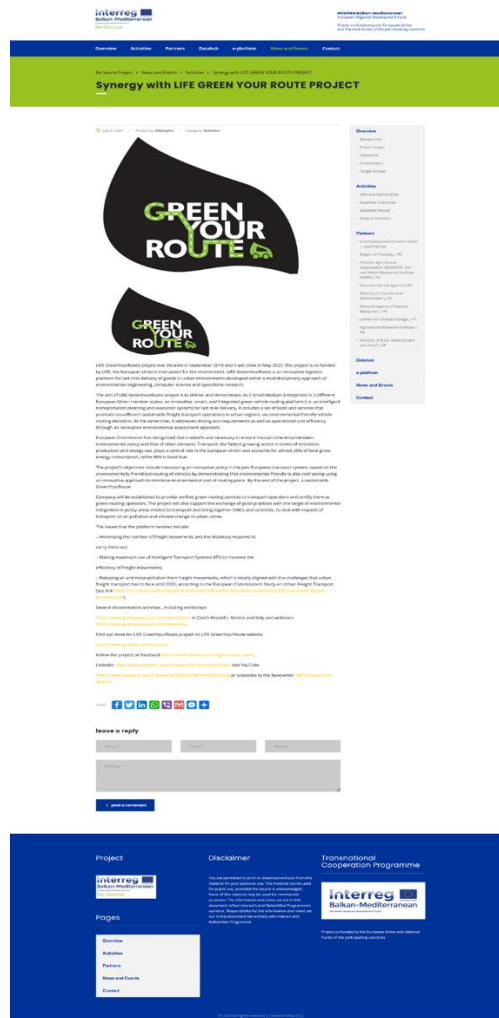




More specifically contact was made with the Interbalkan Environment Center (IBEC), an international organization of new technologies and innovations linking together the public and private sectors for sustainable management of natural resources and protection of the environment located in Greece that had a continuous presence in leading research and innovation activities in the Balkan Peninsula, Middle East, and North Africa, for more than 10 years. IBEC through a transnational network provides integrated reliable solutions and services in the context of global and EU flagship programs/initiatives, such as Copernicus and GEO.

As a result of this collaboration, the IBEC GYR consortium established a connection with the Resource project and uploaded the GYR project onto their website (<https://resourcebalkanmed.eu/synergy-with-life-green-your-route-project/>). In addition to that, GYR consortium investigated the possibilities of replicability and subsequently IBEC signed a contract with the GYR company.

Figure 25: Static segment of main sections of LIFE GYR site



Likewise, GYR consortium reached out to the Academy of Entrepreneurship, a nonprofit organization dedicated to promoting entrepreneurship and professional skills through the implementation of different EU environmental projects and held bilateral meetings with project managers to explore potential collaborations and examine shared initiatives.

Finally, the Department of Information Engineering, Electronics and Telecommunications of the "Sapienza" University of Rome which was beneficiary and coordinator of the LIFE for Silver Coast project, dealing with integrated services of shared electric mobility in urban areas was contacted by LIFE GYR team in order to proceed to networking activities. These activities included mutual replication of website and social media content.

## LIFE GYR project official website presentation

### 4.1.1 Home

The “Home” section has the following format (see Figure 26): At the top of the site there is a “Search site” section, the logos of LIFE, European Commission, as well as the option to select four available languages (English, Greek, Czech, and Italian). Next to the “Home” section there are all the available sections of the website such as the “About” section, the “Workshop & Webinar” section, the “Communication” section, etc. In the middle of this section appears the LIFE GYR logo with the four main sub sections of the website (i.e. “Project”, Facts & Figures”, “Consortium” and “Networking”). The “News & Events” section including the most recent news and events related to LIFE GYR project follows.



Figure 26: Home section of LIFE GYR website

An online helpdesk message box is also included (see Figure 27) for users seeking help with the website.

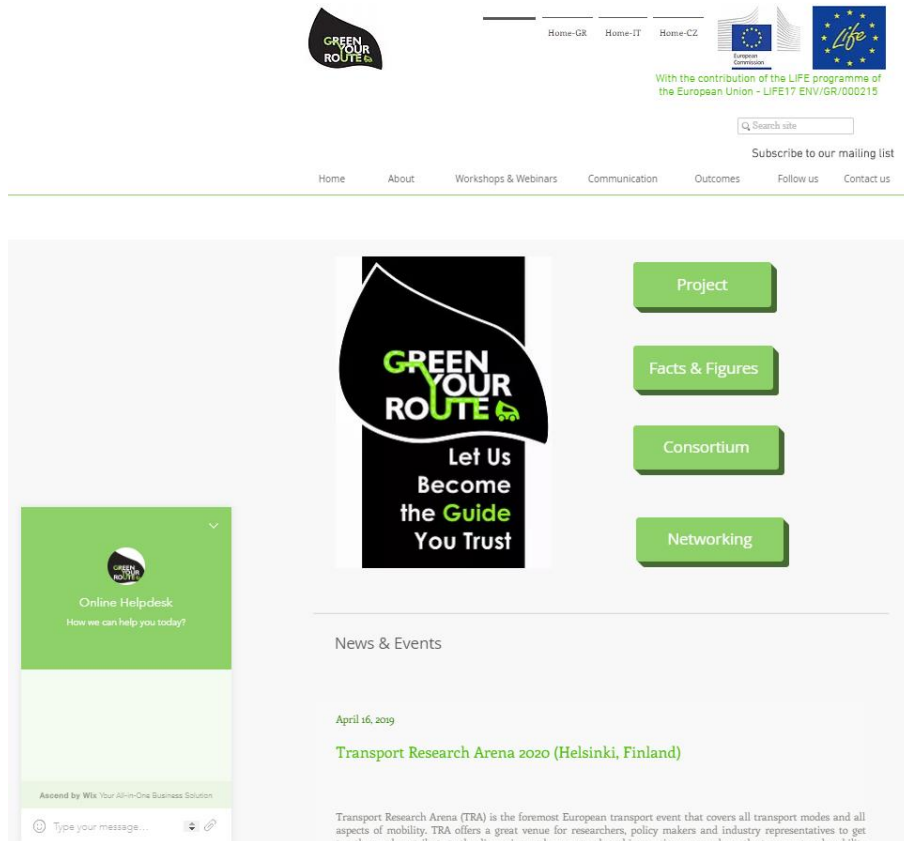
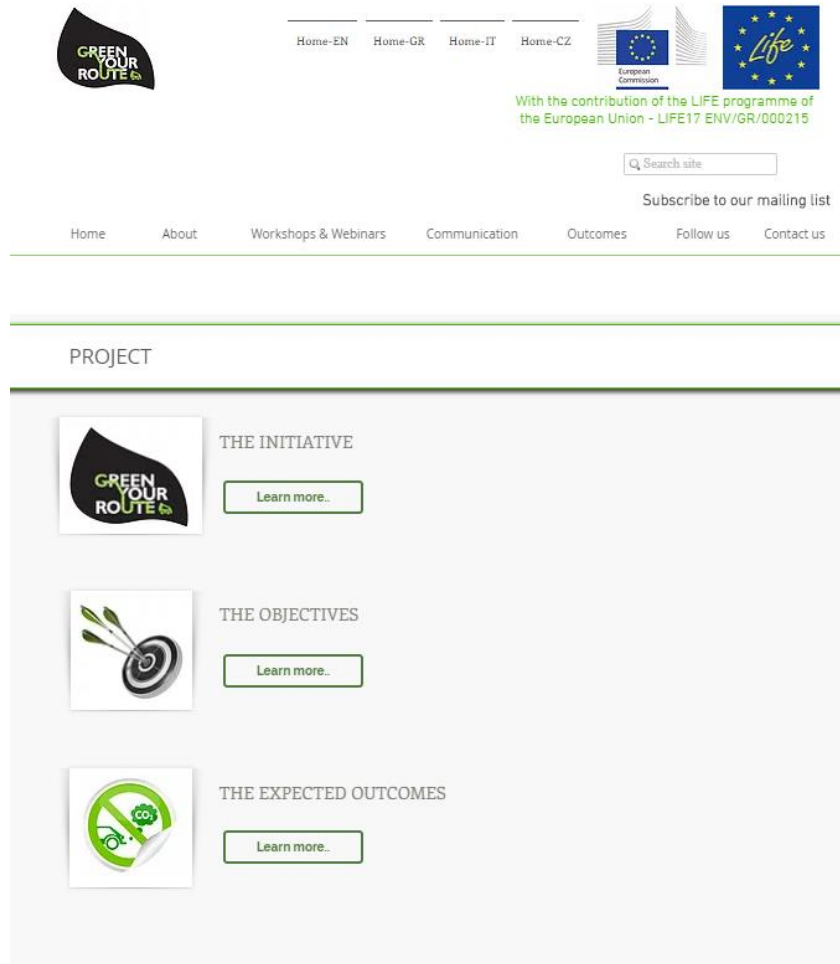


Figure 27: Online Helpdesk message box

#### 4.1.1.1 Project

This subsection (see Figure 28) includes: The “Initiative” (see Figure 29), the “Objectives” (see Figure 30) and the “Expected outcomes” (see Figure 31) subcategories. The “Initiative” subcategory presents the main idea of LIFE GYR project (see Figure 29). The “Objectives” subcategory presents the specific objectives of LIFE GYR project (see Figure 30) and the “Expected outcomes” subcategory presents the results of the implementation actions of the project as well as its main environmental and socioeconomic impact (see Figure 31).



The screenshot shows the website's navigation and project information. At the top, there are language links: Home-EN, Home-GR, Home-IT, and Home-CZ. To the right are the European Commission and LIFE logos, with the text: "With the contribution of the LIFE programme of the European Union - LIFE17 ENV/GR/00D215". Below this is a search bar and a "Subscribe to our mailing list" link. A horizontal menu contains: Home, About, Workshops & Webinars, Communication, Outcomes, Follow us, and Contact us. The main content area is titled "PROJECT" and features three sections:

- THE INITIATIVE**: Accompanied by the Green Your Route logo and a "Learn more.." button.
- THE OBJECTIVES**: Accompanied by a target icon and a "Learn more.." button.
- THE EXPECTED OUTCOMES**: Accompanied by a CO2 emissions icon and a "Learn more.." button.

Figure 28: Home section - Project subsection of LIFE GYR website



Figure 29: Home section – Project subsection - Initiative subcategory



The screenshot shows the website's navigation menu with links for Home-EN, Home-GR, Home-IT, and Home-CZ. Below the menu, there are logos for the European Commission and the LIFE programme, along with the text: "With the contribution of the LIFE programme of the European Union - LIFE17 ENV/GR/000215". A search bar and a "Subscribe to our mailing list" button are also visible. The main content area is titled "THE OBJECTIVES" and contains a paragraph about the project's goals and a list of objectives.

Home-EN Home-GR Home-IT Home-CZ

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### THE OBJECTIVES

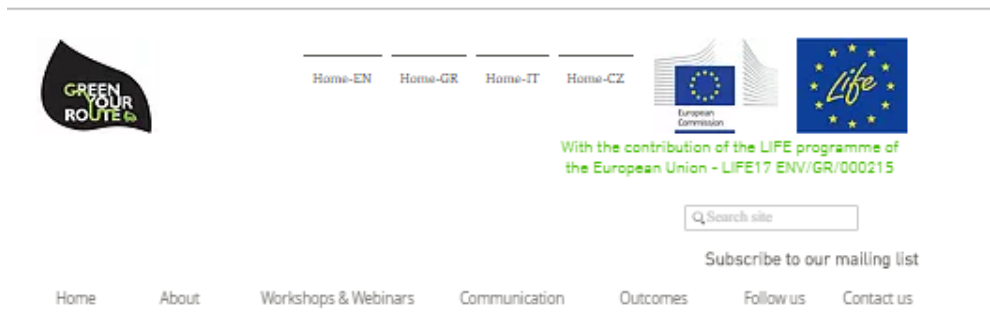
European Commission has recognized that tradeoffs are necessary to ensure mutual coherence between environmental policy and that of other domains. Transport, the fastest growing sector in terms of emissions production and energy use, plays a central role in the EU and accounts for almost 20% of total gross energy consumption, while 98% is fossil fuel. LIFE GreenYourRoute (LIFE GYR) integrates and develops environmental policy by exploiting results from previous EU financed research projects in a multidisciplinary approach of environmental engineering, computer science and operation research.

The project's objectives are:

- Contribute to the implementation of EU emission reduction commitments under UNFCCC Kyoto Protocol and the specific objectives of the LIFE climate action sub-programme, as set out in Article 10 of the LIFE regulation, by reducing in the frame of the project GHG and non-GHG emissions;
- Introduce an innovative policy in the pan-European transport system, based on the environmentally friendliest routing of vehicles by demonstrating that environmental friendly is also cost saving using an innovative approach to minimize environmental cost of routing plans;
- Increase replicability and transferability of GreenYourRoute service to other contexts, sectors, regions and entities;
- Establish a sustainable GreenYourRoute Company in the frame of the project which provides verified green routing service to transport operators and certify them as green routing operators;
- Develop a significant network of customers for GreenYourRoute Company in Czech Republic, Greece and Italy as well as in additional EU member states;
- Raise awareness and mobilise key local, regional and national actors in order to adopt green procurements rules and environmental measures towards sustainable urban mobility;
- Support the exchange of good practices with the target of environmental integration in policy areas related to transport and bring together SMC's and scientists, to deal with impacts of transport on air pollution and climate change in urban zones;
- Monitor the environmental and socio-economic impact of routing operations by using GreenYourRoute service.

Back to the Project

Figure 30: Home section - Project subsection - Objectives subcategory



## THE EXPECTED OUTCOMES

Climate change is a long-term shaping factor where consistent actions are required. Nearly every economic activity in urban areas depends on the movement and delivery of goods. As reported at the Roadmap for a Resource Efficient Europe (see [link](#)), a modern, resource efficient mobility system, serving both passengers and freight can contribute significantly to competitiveness and sustainability. By 2020 overall efficiency in the transport sector will deliver greater value with reduced impacts on climate change, air pollution and noise.

Transport accounts for 19.7% of EU GHG emissions and for 23.7% of EU CO<sub>2</sub> emissions. The total energy consumption of the transport sector accounts for 31.6% of EU energy consumption (see [link](#)). The share of transport emissions is continuously increasing and could reach more than 30% of total EU emissions by 2020 if no action is taken. Freight transport activities account for approximately one third of total transport GHG emissions. According to the Road Freight Transport Vademecum (see [link](#)), road freight transport activities account for 73% of inland transport activities and are by far the most dominant mode.

Europe needs transport which is cleaner and more energy efficient, which could be achieved not only by means of new technologies, like hybrid and electrical motors, but also by developing more efficient urban transport solutions. The great majority of urban freight is carried by trucks, which contribute to air pollution, are noisy and take up a large share of road space when they are moving as well as when they are loading or unloading. Last mile delivery of goods is the less efficient part of the overall supply chain. The specific conditions for urban freight vary, depending on the location, layout, infrastructure, policies, trade activity, and consumer behavior of different cities.

The proposed project is a European innovative logistics platform for increasing the efficiency of urban freight transport with respect to minimizing environmental effects. The issues that the platform handles, include:

- Minimizing the number of freight movements and the distances required to carry them out;
- Making maximum use of Intelligent Transport Systems (ITS) to increase the efficiency of deliveries;
- Reducing air and noise pollution from freight movements, which are totally aligned with the challenges that urban freight transport has to face until 2030, according to the European Commission's Study on Urban Freight Transport (see [link](#)).

At the end of the project the following outcomes are expected:

- Reduced yearly GHG emissions (i.e. CO<sub>2</sub>) by approximately 0.427% in Greece and non-GHG emission (i.e. NOx) by approximately 0.402% in Greece, 0.103% in Czech and 0.002% in Italy;
- Yearly emission savings of routing operations of 5 demonstrators equal to: 42.255tn NOx, 4.632tn of PM, 73.133tn of CO, 1.869tn of NH<sub>3</sub>, 8,885.697tn of CO<sub>2</sub>, 8.939tn of CH<sub>4</sub>, 10.564tn of VOC and 8.129tn of SO<sub>2</sub>;
- Update of air quality legislation and Directive 2009/33/EC;
- Additional SMEs integrating to their business environment GreenYourRoute logistics platform for last mile green delivery in urban regions minimizing environmental impact;
- Verified innovative logistics platform for last mile delivery by EU-ETV Pilot Programme which supports and promotes eco-innovation and a green certificate provided by GreenYourRoute Company attesting that the clients that purchase the GreenYourRoute product and apply it according to the guidelines are driving cleaner, implementing sustainable mobility in urban regions;
- More than 900 representatives of SMEs are informed in 3 different EU member states (Czech Republic, Greece and Italy) through workshops and webinars about their potential environmental and operational cost benefit by using GreenYourRoute platform in their daily routing operations. Additionally, more than 3000 individuals are expected to be informed about the benefits of GreenYourRoute platform through regular dissemination activities;
- At least 12 SMEs adopt green procurement rules in their business environment;
- Raise awareness on the environmentally-friendliest freight distribution planning;
- Highlight the fact that turning to green operations doesn't necessarily increase the cost of operations.

Figure 31: Home section – Project subsection - Expected outcomes subcategory



#### 4.1.1.2 Facts & Figures

This subsection (see Figure 32) includes three different subcategories: 1) the “Environmental effects” subcategory which presents the environmental effects of the project (see Figure 33), 2) the “Socio-economic effects” subcategory which presents in detail the socio economic effects of the project (see Figure 34), 3) the “Project-level Indicators” subcategory where the indicators developed for Action C3 are presented (see Figure 35).

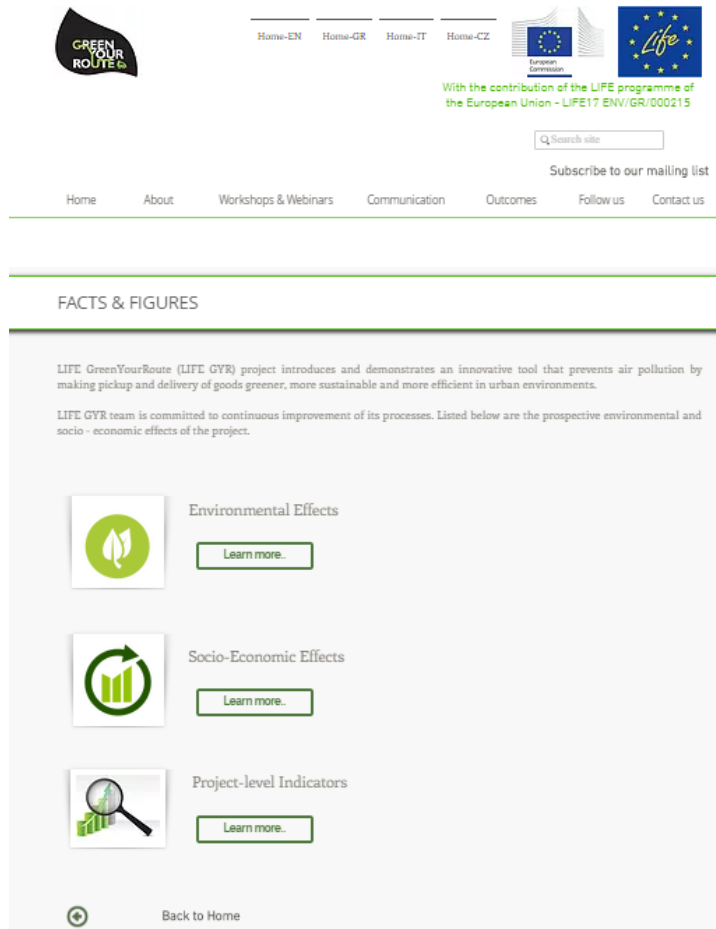


Figure 32: Home section - Facts & Figures subsection of LIFE GYR website



The screenshot shows the website's navigation menu with links for Home-EN, Home-GR, Home-IT, and Home-CZ. It features logos for the European Commission and the LIFE programme, along with the text: "With the contribution of the LIFE programme of the European Union - LIFE17 ENV/GR/000215". A search bar and a "Subscribe to our mailing list" button are also visible. The main content area is titled "ENVIRONMENTAL EFFECTS" and contains the following text:

The expected environmental effects at the end of the project are:

- Reduce yearly GHG emissions (i.e. CO<sub>2</sub>) by approximately 0.427% in Greece and non-GHG emission (i.e. NO<sub>x</sub>) by approximately 0.402% in Greece, 0.103% in Czech and 0.002% in Italy.
- Yearly emission savings of routing operations of 5 demonstrators equal to: 42.255tn NO<sub>x</sub>, 4.632tn of PM, 73.133tn of CO, 1.869tn of NH<sub>3</sub>, 8.885.697tn of CO<sub>2</sub>, 8.939tn of CH<sub>4</sub>, 10.564tn of VOC and 8.129tn of SO<sub>2</sub>.

At the bottom of the content area, there is a "Back to Facts & Figures" link with a circular arrow icon.

Figure 33: Home section – Facts & Figures subsection – Environmental effects subcategory



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## SOCIO - ECONOMIC EFFECTS

LIFE GreenYourRoute (LIFE GYR) project introduces and demonstrates an innovative tool that prevents air pollution by making pickup and delivery of goods greener, more sustainable and more efficient in urban environments.

### Project-related socio-economic effects

- Improved know-how for 8 organizations from 3 EU member states (Czech Republic, Greece and Italy) beneficiaries of the project. At least 47 team members from the beneficiaries will directly gain expertise and knowledge through the project and the exchange their experiences and knowledge with other members of the consortium or other organizations (ex. logistics companies invited to webinars and workshops). Improved know-how not only increases specific environmental/transportation problem awareness, but mainly improves the beneficiaries' competitiveness at national and international level.
- At least 44.7 FTE (11,820MD/man-days necessary for the implementation of the project divided by 264 working days of a year i.e. 22MD\* months) positions will be maintained or created during LIFE GYR lifetime (recorded as additional or permanent staff in the budget analysis).
- Networking of beneficiaries with groups from different administration levels and different sectors: all of the beneficiaries are networking with bodies within and beyond their countries for the demonstration and the dissemination of LIFE GYR. The socioeconomic benefits of networking are important especially for Greek partners whose presence in European networks and initiatives is, in general terms, lower than the other countries'.

### Implementation-related socio-economic effects

- Implement and update environmental and transportation policies.
- Traffic emissions have become increasingly relevant in the discussion of air quality problems, climate change and mitigation policies. The need for a green transport gives rise to new transport policies aiming at reducing not only non-GHG emissions but also GHG emissions and transportation cost. LIFE GYR can be used in combination with a simulation platform as a decision support system by authorities, agencies and companies in order to evaluate and test existing and new policies for logistics operations (ex. waste collection, delivery of gas, impact of changing a vehicle fleet etc.).
- Improved know-how for at least 13 organisations from at least 3 countries (Czech Republic, Greece and Italy) participating in demonstration and dissemination activities.
- Improved technology for SME's operators in at least 3 countries and 7 entities. LIFE GYR will incite more SMEs to join the platform, having realized that they could potentially benefit from the use of decision support tool (such as GYR apps) for their regular operations.
- Improved competitiveness for SME's operators by promoting better quality services towards the customers (new delivering options ex. with specific time windows, well-trained personnel etc.), and satisfying the increased demand for pick-ups and deliveries in urban environment (increase usability of resources);
- Improve social image of 7 SMEs which, gaining better control of transportation planning including expenses, delivery service and environmental issues, reduce their pricing strategy and incorporate to their brand, corporate image, CSR and SDG commitments.
- Enhancement of public health conditions, life and aesthetic quality of local communities due to reduced non-GHG and GHG emission and of congestion in urban road networks.

Figure 34: Home section – Facts & Figures subsection – Socio-economic effects subcategory

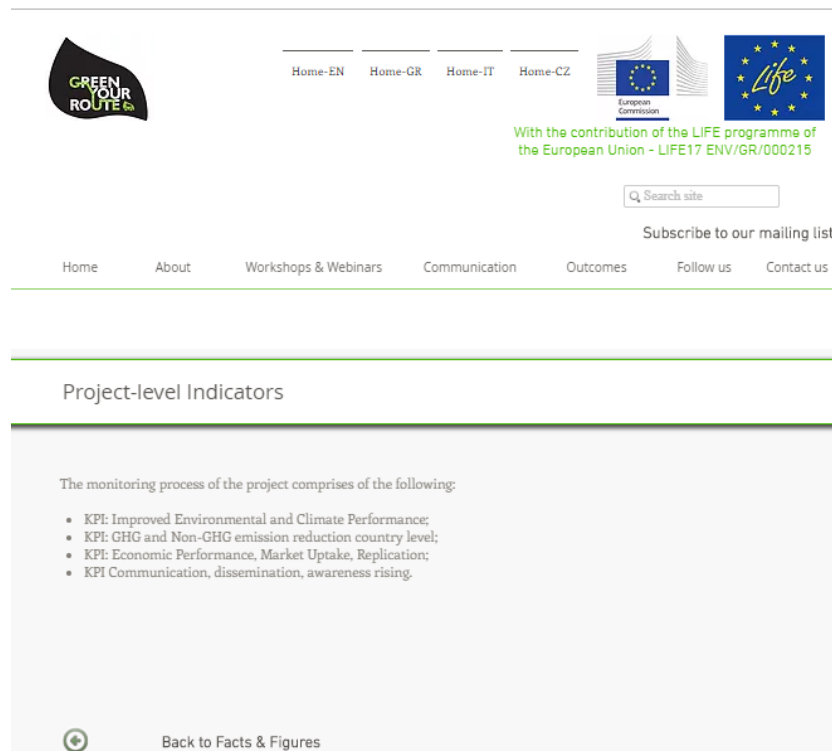
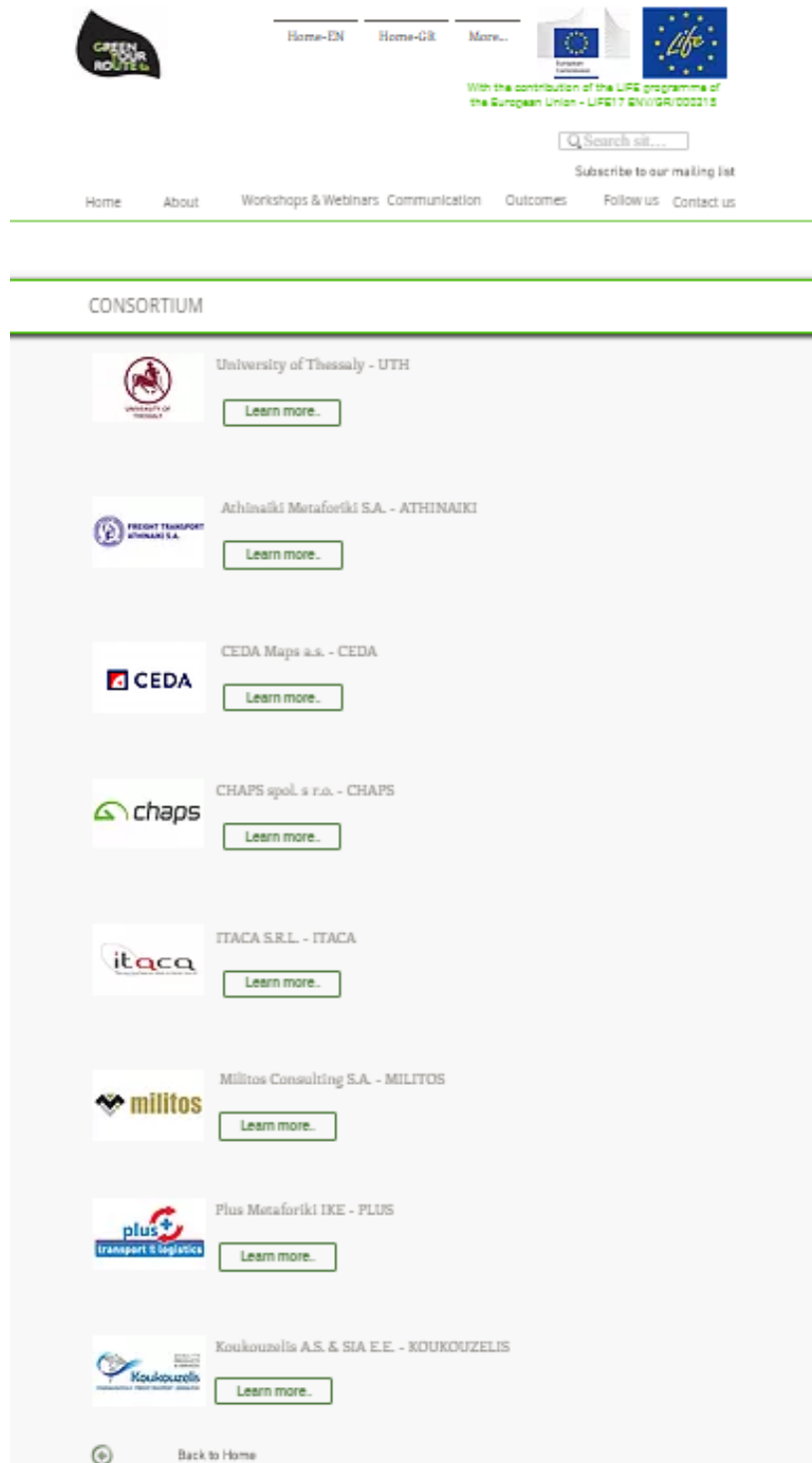


Figure 35: Home section – Facts & Figures subsection – Project-level indicators subcategory

#### 4.1.1.3 Consortium

The Consortium subsection (see Figure 36) presents LIFE GYR project beneficiaries. Clicking on the “Learn more...” button, the user can find more information on each beneficiary. A short description of the beneficiary, its contact details and link to its website are included. For each beneficiary information can be found at the following links:

- University of Thessaly - UTH: [link](#).
- Athinaiki Metaforiki SA – ATHINAIKI: [link](#).
- Central European Data Agency, a.s. – CEDA: [link](#).
- CHAPS spol. s r.o. – CHAPS: [link](#).
- Itaca s.r.l. – ITACA: [link](#).
- Militos Consulting S.A. – MILITOS: [link](#).
- Plus Metaforiki IKE – PLUS: [link](#).



The screenshot shows the website's navigation menu with links for Home-EN, Home-GR, and More... Below the menu is a search bar and a link to subscribe to the mailing list. The main content area is titled 'CONSORTIUM' and lists eight consortium members, each with a logo, name, and a 'Learn more...' button:

- University of Thessaly - UTH
- Achīnaiki Meraforiki S.A. - ATHINAIKI
- CEDA Maps a.s. - CEDA
- CHAPS spol. s r.o. - CHAPS
- ITACA S.R.L. - ITACA
- Militos Consulting S.A. - MILITOS
- Plus Metaforiki IKE - PLUS
- Koukouzelis A.S. & SIA E.E. - KOUKOUZELIS

At the bottom of the consortium list is a 'Back to Home' button.

Figure 36: Home section – Consortium subsection of LIFE GYR website

#### 4.1.1.4 Networking

This subsection (see Figure 37) consists of two subcategories: 1) The “Networking with other projects” subcategory and the “Networking with related network” subcategory.

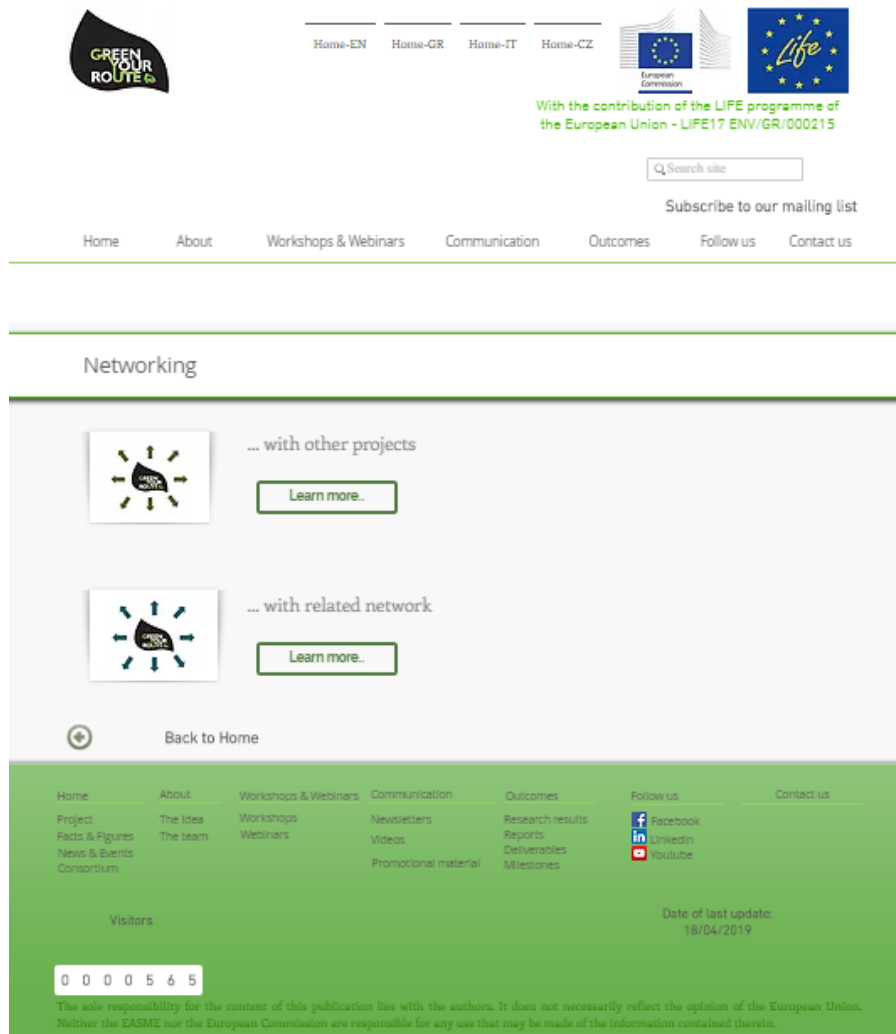





Figure 37: Home section – Networking subsection of LIFE GYR website

The Other projects subcategory (see Figure 38) presents similar to LIFE GYR European projects with which LIFE GYR team has made contact for the demonstration and dissemination of LIFE GYR.

The Related network subcategory presents stakeholders and associations of logistics enterprises and freight forwarders, who after networking activities with LIFE GYR project team, support LIFE GYR initiative.



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### Networking with other projects




#### LIFE for Silver Coast




LIFE 16 ENV/IT/000337

The LIFE for Silver Coast project aims to develop a sustainable tourist mobility programme on this stretch of the Italian coast. The goal is to integrate the benefits of public and private transport, encouraging people to shift from the concept of owning a means of transport to that of accessing integrated mobility services, where inhabitants and tourists can access private or public transport services, depending on their needs and destination.

The project will create an integrated mobility network in three coastal towns/municipalities (Monte Argentario, Orbetello and Isola del Giglio), combining public and shared transport services, which will be operated for two years.



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Consortium				Milestones		

Visitors: 0 0 0 0 5 6 5

Date of last update: 18/04/2019

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Figure 38: Home section – Networking subsection of LIFE GYR website – Networking with other projects

#### 4.1.1.5 News & Events

In the News & Events subsection (see Figure 39) news and events related to LIFE GYR project are presented.



Figure 39: Home section – News & Events subsection of LIFE GYR website

##### 4.1.1.5.1 English version

In total 162 news and events were uploaded on the English version of LIFE GYR project website.

###### 1. November 01, 2018

Intermodal Europe 2018 will take place from 6th - 8th November at the AHOY Rotterdam. For four decades, Intermodal Europe has been the most important business platform for professionals involved in the container, transport and logistics industry. By delivering a highly targeted audience, the free to attend exhibition and conference brings together the world's leading suppliers and industry experts to network, do business and be inspired: [link](#).

###### 2. January 31, 2019



- „PID Lítačka“ – the platform, the smart card and the mobile app  
Prague public transport services are fully integrated – all the lines (operated during the day and also during the night) no matter the transport companies use the very same (short/long) term transfer tickets (coupons): [link](#).
3. March 1, 2019  
Nikola presented concept of the third model of hydrogen-electric hybrid truck  
The production for European market is already in preparation phase – the company is searching for production facilities for TRE model: [link](#).
  4. March 8, 2019  
Connecting Europe: Commission is proposing to invest €421 million for safer, smarter and greener transport infrastructure  
The European Commission is proposing to invest €421 million in 69 key projects that will improve mobility for citizens and businesses alike. The projects selected aim at promoting digitalisation, making roads safer, and fostering multimodal connections in line with the ‘Europe on the Move’ initiatives: [link](#).
  5. March 15, 2019  
Clean mobility: Commission welcomes European Parliament adoption of new CO2 emission standards for cars and vans to reduce pollution and improve air quality  
The European Parliament today agreed on CO2 emission standards for new cars and vans in the EU for the period after 2020 – a significant step towards decarbonising and modernising the European mobility sector and put the EU on track to become climate neutral. As a result of the new rules, in 2030, emissions from new cars will have to be 37.5% lower and emissions from new vans 31% lower, compared to 2021: [link](#).
  6. March 22, 2019  
EU budget for 2021-2027: Commission welcomes the provisional agreement on funding for the environment and climate action  
The European Commission welcomes the provisional agreement reached by the European Parliament and Council on the LIFE programme for the Environment and Climate Action, as part of the next long-term EU budget 2021-2027.  
The funding will focus on protecting the environment and mitigating climate change, supporting a clean energy transition with increased energy efficiency and a higher share of renewables in the energy mix. This will be one of the tools enabling the EU to meet its climate goals and seek to become climate-neutral by 2050: [link](#).
  7. March 28, 2019  
Clean mobility: Putting an end to polluting trucks. Commission welcomes first-ever EU standards to reduce pollution from trucks  
The European Parliament and the Council today reached provisional agreement on a Regulation setting, for the first time in the EU, strict CO2 emission standards for trucks.  
Today's deal follows the agreement reached in December on new CO2 emission standards for cars and light vans in the EU for the period after 2020: [link](#).
  8. April 16, 2019  
Who is liable for self-driving vehicles?

Technology already grants permission of the mass production and use of the autonomous/semi0-autonomous trucks. A number of companies develop autonomous drive systems longer than decade. Some of them have even released fully operational products to the market: [link](#).

9. April 16, 2019

Transport Research Arena 2020 (Helsinki, Finland)

Transport Research Arena (TRA) is the foremost European transport event that covers all transport modes and all aspects of mobility. TRA offers a great venue for researchers, policy makers and industry representatives to get together and contribute to the discussion on how research and innovation can re-shape the transport and mobility system. The conference provides a unique opportunity to hear about mobility trends in different parts of Europe, learn from achievements in industry as well as share best practices of policies and deployments: [link](#).

10. May 20, 2019

EU Sustainable Energy Week 2019

The EU Sustainable Energy Week is the biggest event dedicated to renewables and efficient energy use in Europe. Sessions organised by the European Commission and energy stakeholders focus on sustainable energy issues, debate new policy developments, best practices and sustainable energy ideas: [link](#).

11. May 27, 2019

EU celebrates best projects for nature, environment and climate action

During EU Green Week - Europe's biggest environmental event - the LIFE programme announced the winners of the 2018 LIFE Awards. The three winners come from Italy (Nature category), Spain (Environment category), and Greece (Climate Action category) : [link](#).

12. May 28, 2019

Energy, Sustainability and Climate Change (ESCC) 2019

ESCC series aims on bringing together leading experts in the fields of energy, sustainability, climate change, optimization and computational methods to discuss recent advancements and trending topics: [link](#).

13. July 24, 2019

Transport and Logistics 2019: International Fair for Transport and Logistics

BVV's International Transport & Logistics Trade Fair is a major event in Central and Eastern Europe's fair calendar and takes place every two years: [link](#).

14. July 25, 2019

Road safety: European Commission sets out next steps towards "Vision Zero" including key performance indicators

The European Commission has published details as to how it intends to put its Strategic Action Plan on Road Safety into practice: [link](#).

15. July 29, 2019

Euro VI trucks are compliant with legislative emissions limits

Cities using, or planning to use, the Euro 6 standard as the basis for their low-emission zones (LEZs) will not deliver the air quality improvements they expect, AIR (Allow Independent Road-Testing) has warned: [link](#).

16. August 21, 2019

Greener lorries thanks to CEF support

CEF Transport is seeking to mitigate the negative environmental impact of road transport by promoting, through its grants, the shift to alternatives fuels for road (be it for freight or for passenger transport): [link](#).

17. August 22, 2019

Two EU-funded projects conclude their work on urban freight distribution

The first of these projects is the Horizon 2020 project called "Buyzet". This developed zero-emission procurement plans for each of the consortium's cities. The second project, which has also recently concluded its activities, is SULPiTER (supported by Interreg's Central Europe Programme). The project examined logistics and transport in seven European cities in order to identify best practices in the field of urban goods distribution: [link](#).

18. August 22, 2019

Horizon 2020 Transport info day

The 2019 Horizon Transport info day will take place on Monday, 7 October 2019 from 09:30 to 15:00 CET in Brussels.

The event will present upcoming funding opportunities of approximately €356 million under the Mobility for Growth (MG), Automated Road Transport (ART), Green Vehicles (GV), and Next Generation Batteries (BAT) calls: [link](#).

19. November 5, 2019

New report finds major analytics gap for 3PLs and shippers

95% of shippers and 99% of 3PLs agree that analytics are a necessary element of 3PL expertise but only 26% of shippers and 27% of 3PLs are satisfied with current analytic capabilities: [link](#).

20. November 7, 2019

ETC/ATNI Report 12/2019: The impact of vehicle taxations system on vehicle emissions

The scope of this study is to find the real-world savings achieved in total CO<sub>2</sub>, NO<sub>x</sub> and PM<sub>10</sub> emissions from the adoption of national policies and European legislation for the period 2010- 2017 for the new registered fleet based on appropriate scenarios developed for this study. In addition, a forecast of the relevant benefits until 2020 was also made: [link](#).

21. January 9, 2020

Optimizing the Last Mile

Doing last-mile logistics correctly leads to repeat business and loyal customers, but final-mile processes involve more than just a truck and driver: [link](#).

22. January 13, 2020

EU Sustainable Energy Awards

During the EU Sustainable Energy Week (EUSEW), from 22 to 26 June 2020, outstanding projects will be celebrated for their innovation and impact: [link](#).

23. January 14, 2020

## GO SUMP Policy briefs

The objective of this document is to provide final policy recommendations based on the urban mobility measures and strategies developed by the modular projects within the Interreg MED urban transport community: [link](#).

### 24. January 16, 2020

#### Top 10 Supply Chain and Logistics Technology Trends in 2020

Increasing technology innovations are making big waves across industries, and logistics and the supply chain may be one of the most impacted sectors: [link](#).

### 25. January 21, 2020

#### LIFE PlanUp conference - EU Green Deal and NECPs

Following the launch of the European Green Deal, this LIFE PlanUp conference will discuss the progress made towards the EU's mid- and long-term climate and energy objectives. It will also take stock of the preparation of National Energy and Climate Plans (NECPs) across EU Member States: [link](#).

### 26. January 21, 2020

#### EU supports projects for cleaner air

Air pollution is one of the most severe and complex environmental challenges impacting humans and ecosystems. The urban population, in particular, is still suffering from high levels of air pollution that are considered harmful for health according to European and World Health Organisation (WHO) standards: [link](#).

### 27. January 23, 2020

#### Save the date - EU LIFE information and networking day

The European Commission is organising an information and networking day on the 2020 LIFE call for project proposals: [link](#).

### 28. January 23, 2020

#### A European Green Deal

The European Commission presented the European Green Deal, the most ambitious package of measures that should enable European citizens and businesses to benefit from sustainable green transition: [link](#).

### 29. January 28, 2020

#### Skiathos, Greece, ESCC 2020: 7th International Conference on Energy, Sustainability and Climate Change

We are pleased to announce you the "7th International Conference on Energy, Sustainability and Climate Change", ESCC 2020.

It will take place on Skiathos Island, Greece, on June 1-3, 2020: [link](#).

### 30. February 04, 2020

#### EU promotes digitalisation of freight transport information.

In December 2019, the ambassadors of the EU's Member States approved a proposal to make it easier for freight operators to provide information to public authorities in digital form. The vote took place in the EU Council's Permanent Representatives Committee (Coreper): [link](#).

### 31. February 06, 2020

Participation levels in 2019 EUROPEAN MOBILITY WEEK revealed.

EUROPEANMOBILITYWEEK 2019 exceeded all expectations and the 2019 Participation report published in December 2019 found it to be the most successful year, yet: [link](#).

32. March 17, 2020

Commission presents guidelines for border measures to protect health and keep goods and essential services available.

Commission presented guidelines to Member States on health-related border management measures in the context of the COVID-19 emergency. The aim is to protect citizens' health, ensure the right treatment of people who do have to travel, and make sure essential goods and services remain available: [link](#).

33. March 31, 2020

Coronavirus response: Transport measures

The European Commission's response to the COVID-19 pandemic prioritises keeping citizens healthy. This includes keeping essential transport moving, for example to transport medical supplies and other essential goods. Many Member States have announced restrictions to transport – a fully list by country is available here. This list is updated regularly, as information becomes available: [link](#).

34. April 14, 2020

Make your green idea a reality!

The European Commission has launched its 2020 call for project proposals under the LIFE programme. Measures have been taken to make it easier for applicants to apply in times of coronavirus restrictions including extended deadlines: [link](#).

35. May 13, 2020

Why COVID-19 should not stop your green ambitions

Angelo Salsi - Head of Unit of the LIFE Programme at EASME – recently spoke about the new look 2020 LIFE call for project proposals: [link](#).

36. May 20, 2020

Violeta Bulc on gender equality in transport

Former Commissioner Bulc is a proud ambassador for the Women in Transport - EU Platform for change. She shies away from giving advice but shares stories and anecdotes that demonstrate where and how improvements to gender balance have been achieved. A key message from Violeta Bulc is that women will have an increasingly important role to play in transport - where digital and green transport solutions will dominate the industry and states that this will bring opportunities for women: [link](#).

37. June 01, 2020

LIFE GYR project is supported by the Greek Green Fund

The GREEN FUND co-finances the implementation of LIFE GYR project for the year 2020 providing funding to the University of Thessaly: [link](#).

38. June 30, 2020

2020 LIFE Awards finalists announced

The European Commission has selected the 15 finalists for this year's LIFE Awards that will take place in the autumn. The Awards, now in their 14th year, recognise the most innovative, inspirational and effective LIFE projects in three categories: climate action, environment and nature protection: [link](#).

39. July 1, 2020

Road safety: Europe's roads are getting safer but progress remains too slow

Compared to previous years, fewer people lost their lives on EU roads in 2019, according to preliminary figures published today by the European Commission. An estimated 22 800 people died in a road crash last year, almost 7 000 fewer fatalities than in 2010 – a decrease of 23%: [link](#).

40. July 2, 2020

Public consultation launched on the future of transport

Today, the Commission launched a public consultation on the future of transport to allow both stakeholders and citizens to comment and identify their priorities. The consultation will be open until 23 September. It will enable the Commission to better understand how the EU can help the sector become more sustainable and competitive, more modern and resilient to crises: [link](#).

41. July 9, 2020

Better working conditions for truck drivers across the EU

New EU rules on road transport aim to end distortion of competition in the sector while providing better working conditions for drivers: [link](#).

42. July 10, 2020

Six European cities to experiment with 'digital twins' for urban logistics

A Horizon 2020-funded project aims to create 'digital twins' of urban logistics networks in six European cities in order to support the experimentation and decision making with on-demand logistics operations in a public-private urban setting: [link](#).

43. July 14, 2020

EU energy statistical pocketbook and country datasheets

The yearly 'EU energy in figures statistical pocketbook' provide an annual overview of energy-related statistics in the EU and in individual EU countries: [link](#).

44. July 15, 2020

International Transport Forum launches new database to help tackle climate change

A new database has been launched by the ITF (International Transport Forum) which documents transportation policies aimed at reducing CO2 emissions that have been implemented around the world and reveals their costs, benefits and effectiveness: [link](#).

45. July 16, 2020

City e-truck charging can cut road freight emissions by a fifth – study

The EU could slash truck carbon pollution by over a fifth (22%) in a decade by requiring its main cities to have electric truck charging infrastructure: [link](#).

46. July 22, 2020

H2020 Energy Efficiency at the EU Sustainable Energy Week

The first-ever digital edition of the EU Sustainable Energy Week (EUSEW) drew more than 6000 participants from 120 countries across the world: [link](#).

47. July 23, 2020

Coronavirus: EU funding for the transport of medical goods, medical teams and patients

European Union countries can now apply for additional funding via the Emergency Support Instrument to transport essential goods, medical teams and patients affected by the coronavirus: [link](#).

48. July 29, 2020

European Green Deal call

Get ready for the launch of the European Green Deal call in September!

What is in store for the area of energy efficiency?: [link](#).

49. July 29, 2020

Infrastructure - TEN-T - Connecting Europe

Boosting the EU's Green Recovery: EU invests over €2 billion in 140 key transport projects to jump-start the economy: [link](#).

50. July 30, 2020

More than 1 500 ideas for new LIFE projects

Applicants from all EU countries are requesting some €2.8 billion in co-financing from the LIFE programme for new environmental projects. In total, the proposed projects are looking to invest more than €5.1 billion to protect nature and the environment: [link](#).

51. August 4, 2020

European Research and Innovation Days

European Research and Innovation Days is the European Commission's annual flagship event, bringing together policymakers, researchers, entrepreneurs and citizens to debate and shape the future of research and innovation in Europe and beyond: [link](#).

52. August 18, 2020

EU Green Week 2020

EU Green Week 2020 is now scheduled for 19-22 October 2020, on the theme of nature and biodiversity: [link](#).

53. August 19, 2020

European Road Safety Summer School 2020

The European Road Safety Summer School is an opportunity to learn about an integrated approach to road safety, based on good examples from European countries: [link](#).

54. August 20, 2020

European Transport Conference 2020

The Association for European Transport is hosting the 48th European Transport Conference in Milan in September: [link](#).

55. August 26, 2020

Don't miss out on Urban Mobility Days 2020!

A reminder that the registration for Urban Mobility Days 2020, the European Commission's first large-scale digital urban mobility conference, is now open!: [link](#).

56. August 27, 2020

ROADPOL Safety Days: everyone can help make Europe's roads safer

This is the first year of the new ROADPOL Safety Days campaign (previously known as Project EDWARD): [link](#).

57. August 27, 2020

Webinar: Paving the way for service integration and smarter mobility in our cities

As connectivity increases in our societies making all aspects of every-day life more seamless, urban populations expect the same convenience in the way they move around their cities: [link](#).

58. September 3, 2020

Urban Mobility - best practices for public engagement

The European Passengers' Federation (EPF) is partnering with the European Institute of Innovation and Technology (EIT) Urban Mobility on the DecediUM project: [link](#).

59. September 3, 2020

Spain opens a participation process to draft the new Sustainable Mobility law

The Spanish Ministry of Transport, Mobility and the Urban Agenda (MITMA) is in the process of developing a new transport strategy, a "Strategy for Safe, Sustainable and Connected Mobility": [link](#).

60. September 7, 2020

Digital Transport Days 2020 - Save the Date!

European Commissioner for Transport Adina Valean, in cooperation with the German Presidency of the Council of the European Union, has the pleasure to announce that Digital Transport Days 2020 will be held this year on 18 November in digital format: [link](#).

61. September 9, 2020

2020 LIFE Awards Ceremony

The LIFE Awards, now in their 14th year, recognise the most innovative, inspirational and effective LIFE projects. The LIFE Awards Ceremony, that will take place as part of EU Green Week: [link](#).

62. September 10, 2020

European Commission seeks views on Horizon Europe First Strategic Plan 2021-2024

The European Commission is seeking views on the strategy and direction of it's investment in research and innovation in a new survey: [link](#).

63. September 11, 2020

EUROPEAN MOBILITY WEEK

Since 2002, EUROPEANMOBILITYWEEK has sought to improve public health and quality of life through promoting clean mobility and sustainable urban transport: [link](#).

64. September 14, 2020

Urban Transport 2020

The continuing requirement for better urban transport systems and the need for a healthier environment has added to the increasing success of this annual meeting which attracts international delegates from many different countries: [link](#).

65. September 16, 2020

The city of Graz trials CO2-free postal delivery

In August 2020, a collaboration between Austrian Post and the City of Graz began to test CO2-free postal delivery: [link](#).

66. September 17, 2020

EU energy in figures: key EU energy data in your pocket

The latest "EU Energy in Figures" energy statistical pocketbook (2020 version) provides energy statistics for all EU countries and the EU as a whole: [link](#).



67. September 22, 2020  
LIFE at Ecomondo 2020: EU funding for your circular ideas  
Once again, the LIFE programme will take part in Ecomondo, the annual trade fair for the green and circular economy: [link](#).
68. September 23, 2020  
Quiet and clean deliveries to city supermarkets  
The ZEUS project aims to show that urban goods can be delivered in off-peak hours in a quiet, efficient, and environmentally friendly way: [link](#).
69. September 24, 2020  
New EU project ULaaDS is set to build a vision for future on-demand urban logistics  
Through the re-localisation of logistics activities and the re-configuration of freight flows at different scales, ULaaDS project aims to develop sustainable and liveable cities, allowing people and local businesses to easily use alternative modes of shopping and delivery: [link](#).
70. September 28, 2020  
EU climate law: MEPs want to increase emission reductions target to 60% by 2030  
Environment Committee MEPs voted to make climate neutrality obligatory by 2050 in both EU and member states and call for a more ambitious 2030 emissions reduction target: [link](#).
71. October 01, 2020  
Bringing cleaner fuels to heavy-duty transport in Turku  
The European Union and Nordic countries have set strong agendas for reducing transport emissions. Doing so for transport logistics in cities' and companies' supply chains can help meet those goals: [link](#).
72. October 05, 2020  
New electric freight truck helping logistics go green in Madrid  
In Madrid (Spain), the future of urban freight is starting to look a little bit greener. A prototype of a 12-tonne electric cargo vehicle has been created whose design is tailored to suit the urban freight conditions in the Spanish capital: [link](#).
73. October 07, 2020  
Driving cleaner transport with the Eurovignette  
With the revision of the Eurovignette Directive on road user charges the subject of intense debate in the European Council, IRU has written an open letter to senior EU officials urging them to consider a well-to-wheel approach in the new text: [link](#).
74. October 13, 2020  
Five ways last-mile logistics can be systematically transformed  
As consumers are ordering more online and expecting faster deliveries, the demand for last-mile delivery is soaring: [link](#).
75. October 22, 2020  
TRIMIS Digest - sustainable freight transport  
The September issue of TRIMIS Digest is now available, featuring a selection of short articles discussing efficient and sustainable urban freight transport: [link](#).
76. November 02, 2020

Transport sector calls for an EU framework on the governance of B2B data  
Representatives from the road, air, maritime, rail, and manufacturing in both passenger mobility and logistics sectors call on European decision makers to adopt an EU framework on the governance of business-to-business (B2B) data that ensures a level playing field for all partners in the digital economy: [link](#).

77. November 02, 2020

New CO2 Green report 2019 published

The newly released CO2 Green report 2019, describing the needs and high level requirements of in situ measurements to help establish an operational Monitoring & Verification Support (MVS) capacity to quantify anthropogenic CO2 emissions, is available: [link](#).

78. November 03, 2020

EU reveals exceptional nature, environment and climate action projects

The EU's LIFE programme has announced the winners of the 2020 LIFE Awards: [link](#).

79. November 04, 2020

Driving the future of data: a global challenge for road transport

Transport operators are massive generators of data. While digitalisation has the potential to increase efficiency, sustainability and safety, transport operators are at the same time concerned that there is currently no regulatory framework to ensure that they can reap the benefits of data sharing: [link](#).

80. November 11, 2020

Urban Transitions 2020

The objective of the Urban Transitions 2020 is to promote healthy urban development by bringing together different sectors and disciplines working within cities and presenting the state of the art research and providing solutions to and future healthy visions of our cities: [link](#).

81. November 12, 2020

EU Urban Road Safety Award deadline extended

The EU Urban Road Safety Award recognises the progress local authorities have made towards improving the safety of European roads. The deadline to apply for the EU Urban Road Safety Award has been extended to 20 November 2020, 24:00 (CET): [link](#).

82. November 24, 2020

Results of cargo bike pilot project presented in Varna

The city of Varna presented at the end of October its CCCB pilot, which aims to gradually establish cargo bikes as the main type of transport to provide services in the city centre: [link](#).

83. November 30, 2020

IRU joins forces with shippers and trade unions to improve drivers' conditions

IRU, in partnership with the European Shippers' Council and the European Transport Workers' Federation, is launching a charter for better treatment of drivers at loading and unloading sites: [link](#).

84. December 09, 2020

A fundamental transport transformation: Commission presents its plan for green, smart and affordable mobility

The European Commission presented the ‘Sustainable and Smart Mobility Strategy’ together with an Action Plan of 82 initiatives that will guide its work for the next four years: [link](#).

85. December 15, 2020

European Commission welcomes the provisional agreement on electronic freight transport

The agreement will reduce the administrative burden on the transport sector and ease digital information flows, making freight transport more efficient and sustainable: [link](#).

86. January 4, 2021

Road charging reform – Council agrees its stance

The EU is revising its road charging rules (Eurovignette directive) to address greenhouse gas emissions and other environmental impacts, congestion and road infrastructure financing: [link](#).

87. January 13, 2021

eVision: Accelerating Fleet Electrification

This Eurelectric high-level event will strengthen political and industrial momentum for accelerating electric mobility and will explore EV market trends and sustainable growth acceleration strategies: [link](#).

88. January 18, 2021

Greater Lyon tightens its low emission zone

On 1 January 2021, the Greater Lyon metropolitan area in France introduced tighter restrictions for its Low Emission Zone. It currently affects only heavy goods vehicles and vans that do not meet the specified emission limit values: [link](#).

89. January 25, 2021

Italian guidance published on “Urban logistics in an integrated vision”

The Italian Ministry of Infrastructure and Transport has published guidance, which deals with the issue of the movement of goods in cities which, with the increase in e-commerce that sprang up following the Covid-19 epidemic, is taking on completely different profiles compared to a few years ago: [link](#).

90. February 1, 2021

“8th International Conference on Energy, Sustainability and Climate Change”

Volos, Greece, ESCC 2021

The day has come and GreenYourRoute project team will be present!: [link](#).

91. February 8, 2021

EU Industry Days 2021: join EASME projects at the virtual exhibition and vote for the best!

From 23 to 26 February, 41 EASME projects will take part in the virtual exhibition of the EU Industry Days and have the opportunity to interact with many stakeholders as industry, policy makers, EU SMEs and find potential synergies: [link](#).

92. February 12, 2021

Adaptive Traffic Management Pre-Feasibility Study in Tallinn

At the end of 2020, the City of Tallinn announced a Call for Tender of “Adaptive traffic management pre-feasibility study in City of Tallinn” and successfully awarded the consortium CIVITTA Eesti AS & STRATUM OÜ as a winner. The pre-feasibility study will be looking into how to implement adaptive traffic management in Tallinn - it has a significant potential (estimated 5-15%) to make traffic smoother via increased flows, and thus significantly reduce congestion: [link](#).

93. February 16, 2021

IRU Lays out Eco-truck Plan to Accelerate Decarbonisation

IRU has renewed calls to promote the use of Eco-trucks to boost transport decarbonisation, including harmonising rules for cross-border operations. This simple and cost effective measure could cut CO2 emissions by more than 13 billion tonnes between now and 2050: [link](#).

94. February 23, 2021

Open Public Consultation Accompanying the Impact Assessment for the Revision of the TEN-T Regulation

An open public consultation has just been launched accompanying the Impact Assessment for the revision of the TEN-T Regulation: [link](#).

95. March 3, 2021

New Micro Depot Tests Joint Use by 4 CEP Service Providers in Hamburg

Hamburg is now home to another piece of innovative logistics. On the 18 January 2021, a new micro depot located close to the Old Town area started a service for last-mile deliveries by cargo bike: [link](#).

96. March 19, 2021

Collecting Real-World Data on the CO2 Emissions and Fuel Consumption of New Cars and Vans

The real-world fuel and energy consumption of new cars and vans will be collected as of 2021 under a new Implementing Regulation adopted by the Commission. This data will make it possible to monitor the gap between type approval and actual CO2 emissions, and will provide a better understanding of how vehicles perform under real-world driving conditions: [link](#).

97. April 2, 2021

Flawed CO<sub>2</sub> Emissions Policy Jeopardises Commercial Transport Decarbonisation

Measuring CO2 emissions from commercial road transport only at the tailpipe, depending on the region, could double the true carbon picture in future fuel scenarios.: [link](#).

98. April 9, 2021

April 2021 - LIFE GreenYourRoute

The month's LIFE Project for April 2021 is GreenYourRoute.

LIFE GreenYourRoute (LIFE GYR) is an innovative logistics platform for last mile delivery of goods in urban environments developed within a multidisciplinary approach of environmental engineering, computer science and operation research.: [link](#).

99. April 17, 2021

Relaunch of the Road Safety Charter

The European Road Safety Charter, led by the European Commission, has now been relaunched. The Charter is a vital element in European efforts to wake people up to the importance of road safety. It offers a fantastic, 3,500-strong network, and mobilises public and private entities as well as civil society in all EU countries and beyond.: [link](#).

100. May 7, 2021

European Climate Law: Council and Parliament reach Provisional Agreement

The Council's and the European Parliament's negotiators reached a provisional political agreement setting into law the objective of a climate-neutral EU by 2050, and a collective, net greenhouse gas emissions reduction target (emissions after deduction of removals) of at least 55% by 2030 compared to 1990.: [link](#).

101. May 15, 2021

IRU partners with Upply on Access to Key Transport Pricing Information

Through a new partnership with Upply, the digital marketplace dedicated to road transport and supply chain professionals, IRU, the world road transport organisation, is providing its members with pricing information to help them make the best possible business decisions.: [link](#).

102. May 20, 2021

Online two-day Info Event: "LIFE and SMEs"

The LIFE Cyclamen Team, together with the Cyprus Employers & Industrialists Federation (OEB), is organising an online two-day Info Event titled "LIFE and SMEs". LIFE GreenYourRoute will be there!: [link](#).

103. May 30, 2021

Road Transport Industry launches Global Green Compact to achieve Carbon Neutrality by 2050

IRU, the world transport organisation, has launched a Green Compact for collective global action to achieve carbon neutrality in commercial road transport services by 2050.: [link](#).

104. June 6, 2021

LIFE Programme: EU honours Inspirational Projects supporting Nature, Environment and Climate Action

At the EU Green Week, Europe's biggest environmental event, the winners of the 2021 LIFE Awards were announced by the EU's LIFE programme. This year's Awards honoured winners in three different categories from the Slovak Republic (Nature), Spain (Environment), and France (Climate Action). The public also voted for their favourite project in the Citizen's Award, and the work and dedication of young volunteers were recognised in the LIFE4Youth Award.: [link](#).

105. June 16, 2021

Findings from the Eurocities Mobility Forum Meeting: Climate Neutrality is Mission Possible

Cities across Europe are striving for climate neutrality. And with a growing awareness of the role of transport in our emissions, leaders from cities across Europe are more committed than ever to share their best practices and make sure climate neutrality can be 'mission possible': [link](#).

106. June 27, 2021

IRU reinforces Need for Clean Fuels to achieve Climate Targets

IRU's Director of Advocacy, Matthias Maedge, spoke at an eFuels Alliance seminar on global technology neutrality perspectives this week, urging policymakers to consider a range of technologies to decarbonise the road transport sector.: [link](#).

107. July 6, 2021

Eurobarometer Survey: Europeans consider Climate Change to be the Most Serious Problem facing the World

A new Eurobarometer survey published shows that European citizens believe climate change is the single most serious problem facing the world.: [link](#).

108. July 16, 2021

"Fit for 55": European Commission proposes Transformation of EU Economy and Society to meet Climate Ambitions

On 14 July 2021, the European Commission adopted a package of proposals to make the EU's climate, energy, land use, transport and taxation policies fit for reducing net greenhouse gas emissions by at least 55% by 2030, compared to 1990 levels. Achieving these emission reductions in the next decade is crucial to Europe becoming the world's first climate-neutral continent by 2050 and making the European Green Deal a reality.: [link](#).

109. August 16, 2021

Province of Noord-Holland goes for Zero-Emission Buses

Greening public transport has taken a further step in the Netherlands: The Province of Noord-Holland has launched the country's first zero-emission bus concession in the Region Gooi en Vechtstreek, south-west of the Dutch Capital. All combustion engine buses in the region will be replaced by 61 electric ones during 2022.: [link](#).

110. August 28, 2021

Modernisation Fund: First EUR 304 million to support Climate Neutrality in 3 Beneficiary Countries

Following the positive disbursement decision by the European Commission, the European Investment Bank has made the first payments from the Modernisation Fund. A total of EUR 304.43 million has been made available to Czechia (EUR 202m), Hungary (EUR 11.43m) and Poland (EUR 91m) to finance six investment proposals that have been confirmed as priority investments.: [link](#).

111. September 14, 2021

The European Green Capital 2023 Award goes to the Estonian city of Tallinn. The title of European Green Leaf 2022 jointly went to the Portuguese city of Valongo and Winterswijk in the Netherlands.: [link](#).

112. September 25, 2021

The 8th International Conference on Energy, Sustainability and Climate Crisis (ESCC2021) took place in Volos City, Greece on August 30 - September 3, 2021 in HYBRID Mode. LIFE GYR project was presented in a round table, during the natural resources and emissions session and the operational research session.: [link](#).

113. October 3, 2021

Manchester is set to launch its clean air zone (CAZ) on 30 May 2022, as part of its Clear Air Plan to tackle air pollution. All ten Greater Manchester local authorities have approved the Greater Manchester Clean Air Plan.: [link](#).

114. October 10, 2021

Climate Diplomacy Weeks 2021

From 27 September to 17 October, EU Delegations and embassies of EU Member States around the world will host events to foster dialogue and cooperation on climate change, showcase success stories and inspire further action.: [link](#).

115. October 14, 2021

Transport and Mobility Projects to receive EUR 7 Billion

On 16 September, the European Climate, Environment and Infrastructure Executive Agency (CINEA) launched a call for proposals under the Connecting Europe Facility (CEF) Transport programme. The CEF programme is a key EU funding instrument which provides investment in the development of sustainable, high performing and interconnected Trans-European transport networks.: [link](#).

116. October 24, 2021

SHOW Survey: Local regulation of shared, connected and automated Mobility Services

The EU-funded SHOW project – a large-scale demonstration project of automated transport services across 20 urban areas – has launched an online public survey to gather opinions from a variety of stakeholders.: [link](#).

117. October 31, 2021

Madrid develops Logistics Microhub to boost Low Emissions Delivery

The Municipal Transport Company of Madrid (EMT), in collaboration with the sustainable urban distribution company CITYlogin, has launched a pilot initiative for the capillary distribution of goods.: [link](#).

118. November 9, 2021

Study on Good Staff Scheduling and Rostering Practices in Transport

The study identifies good staff scheduling and rostering practices in the transport sector and makes practical recommendations on how staff and shift scheduling systems can be improved to respond to the needs of a diverse transport workforce, notably in terms of improving their work-life balance.: [link](#).

119. November 21, 2021

Despite COP26 Progress, Action Pathways to decarbonise Road Transport remain Unclear  
IRU has broadly welcomed the agreement reached at COP26 in Glasgow to reinforce global climate action and to look to speed up decarbonisation plans in the short term, but uncertainty remains on actual delivery pathways.: [link](#).

120. November 29, 2021

Mission Climate-Neutral and Smart Cities: Info Kit for Cities now Available

The European Commission has made an Info Kit for Cities available with comprehensive information about the Mission “100 Climate-Neutral and Smart Cities by 2030.”: [link](#).

121. December 3, 2021

LIFE Programme: More than €290 million in EU funding for Nature, Environment and Climate Action Projects

The Commission has today approved an investment package of more than €290 million for 132 new projects under the LIFE programme for the environment and climate action.: [link](#).

122. December 12, 2021

Call for Proposals: Promoting Youth Participation in Just Transition – EU Teens4Green  
Citizens' participation is particularly important for a just green transition and the participation of young people could inject new insights into the decision-making process and inspire policy makers and public authorities in charge of managing the Just Transition Fund.: [link](#).

123. December 26, 2021

Commission adopts amended Horizon Europe Work Programme 2021-2022 for the Missions

On 15 December 2021, the amended version of the Horizon Europe Work Programme 21-22 for the Missions was adopted. Missions aim to address some of the greatest challenges facing our society. They are bold and inspirational with clear objectives that are time-bound, realistic, measurable and targeted.: [link](#).

124. January 7, 2022

“9th International Conference on Energy, Sustainability and Climate Change”

Paphos City, Cyprus, ESCC 2022

ESCC 2022 will take place in Paphos City, Cyprus, on August 29 - 31, 2022 for Regular Presentations & Poster Demonstration and on September 1 - 2, 2022 for Round Tables ONLY for Invited Researchers, either with physical or virtual participation, under the auspices of the University of Florida, the University of Thessaly, the Rutgers University, the Cyprus University of Technology, the BRNO University of Technology, the Qatar University and the Coimbra Business School | ISCAC. The conference aims on bringing together leading experts in the fields of Energy, Sustainability and Climate Change as well as optimization and computational methods to discuss recent advancements and trending topics.: [link](#).

125. January 21, 2022

New Mobility Services drive Healthier Cities

EU policies and projects are helping cities to roll out transport choices that improve air quality and public health. Air pollution is the greatest environmental threat to human health, according to the World Health Organization.: [link](#).

126. January 27, 2022

Future of Europe: Europeans see Climate Change as Top Challenge for the EU

As 2022 - designated European Year of Youth - begins, today's survey highlights the views of young Europeans on the challenges facing the European Union, alongside the key role young people are playing in the Conference on the Future of Europe.: [link](#).

127. February 6, 2022

Grenoble takes over as European Green Capital for 2022

The French city of Grenoble has officially taken over as the European Green Capital for 2022 at the Green Capital Opening Ceremony on the 15 January 2022, taking over from the Finnish city of Lahti.: [link](#).



128. February 10, 2022

#### The Way ahead for a Greener Europe

Road transport operators are at the core of the EU's green transformation. Fully aware of their responsibility, they are committed to decarbonise. However, technologies for zero-emissions alternatively fuelled heavy-duty vehicles and related infrastructure are still in their infancy.: [link](#).

129. February 20, 2022

#### The New EU Urban Mobility Framework is Available in all Languages

The communication from the European Commission to the European Parliament, the Council, the European Economic and Social Committee (EESC) and the Committee of the Regions (CoR) on the new Urban Mobility Framework is now available in all languages.: [link](#).

130. February 27, 2022

#### EC adopts New Initiatives for Sustainable and Smart Mobility

The European Commission has adopted a guidance notice for national and local authorities on regulating taxis and private hire vehicles. The guidance clarifies how internal market rules should be applied to taxis and private hire vehicles, and how appropriate regulation can make these services more sustainable, accessible, and fair.: [link](#).

131. March 6, 2022

Voluntary Sharing of Data Key to boost Competitiveness of the EU Road Transport Sector  
The European Commission published the Data Act proposal, which aims to provide a harmonised framework for data sharing across the European Union. This is the last horizontal building block of the Commission's data strategy.: [link](#).

132. March 17, 2022

#### Oslo and Amsterdam performing Best on the Way to Sustainable Mobility

Cities hold the key to leading Europe towards healthy and climate-friendly mobility. The transport sector is also the only sector that has seen its emissions rise since 1990. The Clean Cities Campaign is a European coalition of organisations hosted by Transport & Environment.: [link](#).

133. March 27, 2022

#### Female Innovators in Urban Mobility Program 2022

It is time to close the knowledge gap and empower more women to take on leading roles in shaping the mobility of tomorrow. Equality and diversity in the sector will lead to more liveable cities in the future. The Online Training Program will equip more women with an innovative and entrepreneurial mind and skillset.: [link](#).

134. April 5, 2022

#### Winners of the Sustainable Urban Mobility Awards have been announced

The winners of the EUROPEANMOBILITYWEEK Awards 2021, the 10th Award for Sustainable Urban Mobility Planning (SUMP Award) and the EU Urban Road Safety Award were crowned. The awards were presented at a hybrid ceremony in Brussels hosted by Matthew Baldwin, Deputy Director-General of the European Commission's Directorate-General for Transport and Mobility.: [link](#).

135. April 18, 2022

The European Commission seeks Perspectives on Potential Measures Surrounding Access to in-Vehicle data

The European Commission has published a call for evidence as well as an open public consultation seeking to learn about opinions on a proposal on access to vehicle resources, functions and data. This follows shortly after the proposal for Data Act, which was published in February 2022.: [link](#).

136. May 7, 2022

The European Commission and the IEA Outline Key Energy Saving Actions

The International Energy Agency and the European Commission have outlined a range of simple steps that people can take to reduce their energy use and save money, and that would save enough oil to fill 120 super tankers and enough natural gas to heat almost 20 million homes if adopted by all EU residents.: [link](#).

137. May 11, 2022

30 Years of LIFE program - Green Fund, Greece

GreenYourRoute project participates to the celebration of 30 years of LIFE program. Save the date May 26, 2022.: [link](#).

138. May 13, 2022

Commission announces 100 cities participating in EU Mission for Climate-Neutral and Smart Cities by 2030

The Commission announced the 100 EU cities that will participate in the EU Mission for 100 climate-neutral and smart cities by 2030, the so-called Cities Mission. The 100 cities come from all 27 Member States, with 12 additional cities coming from countries associated or with the potential of being associated to Horizon Europe, the EU's research and innovation programme (2021-2027).: [link](#).

139. May 19, 2022

REPowerEU: A plan to Rapidly reduce Dependence on Russian Fossil Fuels and Fast Forward the Green Transition

The European Commission presented the REPowerEU Plan, its response to the hardships and global energy market disruption caused by Russia's invasion of Ukraine. The measures in the REPowerEU Plan can respond to this ambition, through energy savings, diversification of energy supplies, and accelerated roll-out of renewable energy to replace fossil fuels in homes, industry and power generation.: [link](#).

140. June 23, 2022

Paris announces Controversial Plan to transform Ring Road into Green Belt

The Paris ring road is to be transformed into a "green belt" around the capital city, according to Paris' mayor Anne Hidalgo. The plan which would see the number of lanes of the city's infamous ring road, the 'périphérique', reduced to create space for clean public transport and shared mobility as well as for green space.: [link](#).

141. August 12, 2022

Green Logistics - LIFE GreenYourRoute Solution Video

Following Green Procurement rules is better for all!.: [link](#).

142. August 12, 2022

LIFE GreenYourRoute platform - The Users' Experience Video

Representatives selected by demonstrator partners give an interview after using LIFE GYR web and mobile application.: [link](#).

143. August 22, 2022

Cologne to establish Mobility Council to support SUMP Development

The German city of Cologne is about to start developing its Sustainable Urban Mobility Plan (SUMP). In order to support the process, the city's Traffic Committee has decided to establish a Mobility Council.: [link](#).

144. September 18, 2022

“9th International Conference on Energy, Sustainability and Climate Crisis”

Paphos City, Cyprus, ESCC 2022

The 9th International Conference on Energy, Sustainability and Climate Crisis (ESCC2022) took place in Paphos City, Cyprus on August 29 - September 2, 2022 in HYBRID Mode. Extended Presentation of the LIFE GYR Platform was made in a round table.: [link](#).

145. September 23, 2022

Mobility Package I

New rules for the EU road transport sector.

As part of Mobility Package I, a new set of rules for the road transport sector became applicable across the EU.: [link](#).

146. September 27, 2022

Research and Innovation in Urban Mobility, Logistics and Public Transport

The Joint Research Committee (JRC) have recently published two reports titled “Research and Innovation in Urban Mobility and Logistics in Europe” and “Public transport research and innovation in Europe”. Both reports provide analysis based upon the Transport Research and Innovation Monitoring and Information System (TRIMIS) database.: [link](#).

147. October 17, 2022

Assessing the Performance of Urban Public Transport using Population Grid Data

A new analysis, published in September 2022, assesses the performance of (urban) public transport in 197 European cities, by comparing accessibility and proximity of residential populations.: [link](#).

148. November 13, 2022

Commission proposes new Euro 7 Standards

The Commission presented a proposal to reduce air pollution from new motor vehicles sold in the EU to meet the European Green Deal's zero-pollution ambition, while keeping vehicles affordable for consumers and promoting Europe's competitiveness.: [link](#).

149. November 26, 2022

“10th International Conference on Energy, Sustainability and Climate Crisis” ESCC 2023  
ESCC 2023 will take place in Heraklion, Greece, on June 5 - 7, 2023 for Regular Presentations & Poster Demonstration and on June 8 - 9, 2023 for Round Tables ONLY for Invited Researchers, either with physical or virtual participation, under the auspices of the University of Florida, the University of Thessaly, the Rutgers University, the Cyprus University of Technology, the BRNO University of Technology, the Coimbra Business School | ISCAC, the Istanbul Technical University and the Ivey Business School. Abstract Submission: 17 March 2023.: [link](#).

150. December 15, 2022

Kraków will be first Polish City to ban Older Cars

Kraków has announced plans to establish a 'clean transport zone' in a move to reduce air pollution. The city will be the first in Poland to implement such a measure.: [link](#).

151. December 21, 2022

CINEA publishes Vision Zero Brochure

Road transport is the most widely used means of travel in the EU. It is also essential to the economy in terms of its contribution to GDP, as the only mode of transport to interconnect all European businesses and people. Though its benefits are undeniable, we also know that road transport is the leading cause of accidents, serious injuries from collisions, and premature deaths in Europe.: [link](#).

152. January 8, 2023

Route 35 Kick-off Meeting: EU Initiative to Green Automotive Industry

IRU joined a group of key stakeholders invited by the European Internal Market Commissioner, Thierry Breton, to set concrete key performance indicators (KPIs) for a clean and competitive transformation of the EU's automotive ecosystem.: [link](#).

153. January 9, 2023

Sustainable Supply Chains put the Customer First

Velázquez Martínez, who is director of MIT's Sustainable Supply Chain Lab, investigates how customer-facing supply chains can be made more environmentally and socially sustainable.: [link](#).

154. January 20, 2023

Delft's IKEA launches Solar Bikes for More Sustainable Last-mile Service

During the last year, the IKEA store in Delft, The Netherlands, completed a pilot using a solar-powered cargo bike for delivering products to its customers within the city centre around the store.: [link](#).

155. January 29, 2023

Madrid becomes the First Major European Capital to have a 100% Clean Bus Fleet

In December 2022, the Spanish capital Madrid became the first major European capital to operate a 100% clean fleet of municipal buses. The city's fleet consists of 1,915 compressed natural gas (CNG) buses and 180 electric buses.: [link](#).

156. February 12, 2023

The Green Deal Industrial Plan: putting Europe's Net-Zero Industry in the Lead

The Commission presents a Green Deal Industrial Plan to enhance the competitiveness of Europe's net-zero industry and support the fast transition to climate neutrality. The Plan aims to provide a more supportive environment for the scaling up of the EU's manufacturing capacity for the net-zero technologies and products required to meet Europe's ambitious climate targets.: [link](#).

157. March 6, 2023

Brussels' New Traffic Plan has reduced Cars by One-Fifth in the Last Six Months

The authorities in the Belgian capital, Brussels, have announced the first results of the implementation of their Good Move Plan. The plan is the city's mobility plan and aims to change the flow of traffic within the city, by closing some streets and creating new one-

way streets within the city's so-called 'Pentagon' – the main central area. The ultimate aim is to make the city a better place for residents and visitors.: [link](#).

158. June 1, 2023

WHO urges Europe to rethink Mobility to improve Health and Wellbeing

In the context of the 7th UN Global Road Safety Week, which ran between 15 and 21 May 2023, WHO's Regional Director for Europe, Hans Kluge, called on European governments to ensure that the normalisation of mobility after the Covid19 pandemic went in the direction of sustainable mobility.: [link](#).

159. June 5, 2023

New Law agreed to cut Aviation Emissions by promoting Sustainable Aviation Fuels

The Commission welcomes the political agreement on the ReFuelEU Aviation proposal, reached between the European Parliament and the Council. Once in place, the new rules will help decarbonise the aviation sector by requiring fuel suppliers to blend sustainable aviation fuels (SAF) with kerosene in increasing amounts from 2025.: [link](#).

160. June 6, 2023

Bus Éireann aims to Double Emission-Free km in 2023 after Record Year

Bus Éireann, the Irish state-owned bus and coach operator, has announced plans to roll-out 20 new double-deck electric vehicles in 2023 in its Limerick city fleet. This will contribute to its commitment to reducing greenhouse gas emissions by 50% by 2030. In 2022, the company delivered 470,000 emission-free kilometres, which it plans to increase to 1 million km in 2023.: [link](#).

161. June 8, 2023

Paris inaugurates First Zero-Carbon Neighbourhood

Paris recently introduced its first zero-carbon neighbourhood, Îlot Fertile, in the 19th arrondissement. The neighbourhood includes four buildings with residential units, hotels, shops, offices, and sports facilities, but notably no parking spaces. Built on a former industrial site of 1.3 hectares, the small area demonstrates the potential for creating functional and sustainable urban spaces.: [link](#).

162. June 10, 2023

Rules to boost Intelligent Transport Systems for Safer and more Efficient Transport Agree

The Commission welcomes the political agreement reached between the European Parliament and the Council on a proposal made by the Commission in 2021 on the revision of the Intelligent Transport Systems (ITS) Directive. The revised law will make high-quality and timely data available for services such as multimodal journey planners and navigation services. A smarter and interoperable transport system will allow the more effective management of traffic and mobility across transport modes, enabling users to better combine the most sustainable modes of transport.: [link](#).

#### 4.1.1.5.2 Greek version

In total 24 news and events were uploaded on the Greek version of LIFE GYR project website.

1. Νοέμβριος 01, 2018

Το συνέδριο της διατροφικής Ευρώπης 2018 θα πραγματοποιηθεί από τις 6 έως τις 8 Νοεμβρίου στο ΑΗΟΥ Rotterdam

Για τέσσερις δεκαετίες, η διατροφική Ευρώπη υπήρξε η σημαντικότερη επιχειρηματική πλατφόρμα για επαγγελματίες που ασχολούνται με τη βιομηχανία εμπορευματοκιβωτίων, μεταφορών και εφοδιαστικής. Στοχεύοντας σε ένα άκρως στοχοθετημένο κοινό, το κοινό είναι ελεύθερο να παραστεί στην έκθεση και το συνέδριο, το οποίο συγκεντρώνει τους κορυφαίους προμηθευτές και τους εμπειρογνώμονες του κόσμου για να δικτυωθούν, να δραστηριοποιηθούν και να εμπνευστούν: [link](#).

2. Απρίλιος 16, 2019

Ευρωπαϊκή Τράπεζα Ανασυγκρότησης: Η Ελλάδα θα καταστεί διεθνής κόμβος μεταφορών

Η Ευρωπαϊκή Τράπεζα Ανασυγκρότησης και Ανάπτυξης (EBRD) διαθέτει στον τομέα των υποδομών το 1/3 του κεφαλαίου της, στο πλαίσιο ενός «πράσινου» προγράμματος επενδύσεων, υπογράμμισε από το βήμα του συνεδρίου του Economist ο αναπληρωτής επικεφαλής του τμήματος Υποδομών της EBRD, Γκιγιόμ Λε Μπρι (Guillaume Le Bris), τονίζοντας ότι ο οργανισμός έχει επενδύσει στην Ελλάδα 2,5 δισ. ευρώ από το 2015: [link](#).

3. Φεβρουάριος 04, 2020

Μια Ευρωπαϊκή Πράσινη Συμφωνία

Η μεγαλύτερη πρόκληση και ευκαιρία της εποχής μας είναι να γίνουμε η πρώτη κλιματικά ουδέτερη ήπειρος στον κόσμο μέχρι το 2050: [link](#).

4. Μάρτιος 31, 2020

Πόσο έχουν πληγεί οι μεταφορικές εταιρείες και η εφοδιαστική από τον κορωνοϊό;

Το Ελληνο-Αμερικανικό Εμπορικό Επιμελητήριο, παρακολουθώντας τις εξελίξεις και ευρισκόμενο σε διάλογο και συνεννόηση με την επιχειρηματική κοινότητα προχώρησε στη διεξαγωγή έρευνας για τις επιπτώσεις του COVID-19 το διάστημα 16/3/2020 έως 20/3/2020: [link](#).

5. Ιούνιος 01, 2020

Το Πράσινο Ταμείο συγχρηματοδοτεί το έργο LIFE GYR

Το ΠΡΑΣΙΝΟ ΤΑΜΕΙΟ συγχρηματοδοτεί την υλοποίηση του έργου LIFE GYR για το έτος 2020 με χρηματοδότηση στο Πανεπιστήμιο Θεσσαλίας: [link](#).

6. Ιούλιος 21, 2020

Ευρ. Κοινοβούλιο: Καλύτερες συνθήκες εργασίας για οδηγούς φορτηγών σε ολόκληρη την ΕΕ

Στις 8 Ιουλίου, οι ευρωβουλευτές ψηφίζουν για το πακέτο κινητικότητας για τις οδικές μεταφορές, μετά την έγκρισή του από την επιτροπή μεταφορών τον Ιούνιο και το Συμβούλιο και κατόπιν προσωρινής συμφωνίας με τους υπουργούς της ΕΕ: [link](#).

7. Αύγουστος 5, 2020

Στις 25 Σεπτεμβρίου λήγει η υποβολή υποψηφιοτήτων για τα Supply Chain Awards 2020 Διανύοντας μια χρονιά γεμάτη προκλήσεις για τον κλάδο, τα Supply Chain Awards 2020, για 5η χρονιά, πρόκειται να αναδείξουν τους κορυφαίους της Εφοδιαστικής Αλυσίδας, των Logistics και των Μεταφορών: [link](#).

8. Αύγουστος 6, 2020

Πράσινες μεταφορές: Νέο πλαίσιο, έξυπνες λύσεις και παραδείγματα Καινοτομίας

- Ο τομέας των μεταφορών μετασχηματίζεται διεθνώς, σε μια πράσινη κατεύθυνση, με ισχυρή καινοτομία, ψηφιακή διάσταση, έξυπνες υπηρεσίες, και συνέργειες με άλλες υποδομές: [link](#).
9. Σεπτέμβριος 2, 2020  
Logi.C 2020  
Με 15 χρόνια παρουσία στον χώρο της εφοδιαστικής αλυσίδας και των Logistics, τα πολύ-συνέδρια LOGI.C επιστρέφουν το 2020, στην 12η διοργάνωσή τους: [link](#).
  10. Οκτώβριος 8, 2020  
“Ναι” στην αναθεώρηση της Ευρωβινέτας, αλλά υπό προϋποθέσεις. Επιστολή στους υπουργούς της ΕΕ  
Με αφορμή την αναθεώρηση της Ευρωβινέτας και τις χρεώσεις στους χρήστες οδικού δικτύου να αποτελούν αντικείμενο συζήτησης στο Ευρωπαϊκό Συμβούλιο, η IRU απέστειλε ανοικτή επιστολή προς τους ανώτερους αξιωματούχους της ΕΕ προτρέποντάς τους να επανεξετάσουν το νέο κείμενο: [link](#).
  11. Οκτώβριος 14, 2020  
Ευκαιρίες και προκλήσεις για τις εξαγωγές στην εποχή της Covid-19  
Ψηφιακή συζήτηση με σκοπό την κατανόηση των ανατροπών στο διεθνές εμπόριο, μέσα στην πανδημία, αλλά και τις ευκαιρίες που αναδύονται για τις ελληνικές επιχειρήσεις, διοργάνωσε ο ΣΕΒ στα τέλη του Σεπτεμβρίου: [link](#).
  12. Οκτώβριος 15, 2020  
Οδικές εμπορευματικές μεταφορές πρώτου τριμήνου 2020  
Η Ελληνική Στατιστική Αρχή ανακοίνωσε τα αποτελέσματα της έρευνας οδικών εμπορευματικών μεταφορών για το πρώτο τρίμηνο του 2020: [link](#).
  13. Οκτώβριος 20, 2020  
Παραδόσεις δεμάτων με ποταμόπλοια στο Λονδίνο  
Την πρώτη υπηρεσία παράδοσης δεμάτων με ποταμόπλοιο, στο Λονδίνο, πραγματοποίησε η DHL Express, η οποία στοχεύει στη μείωση της συμφόρησης και στην παροχή ενός αποτελεσματικού τρόπου μεταφοράς δεμάτων στην βρετανική πρωτεύουσα: [link](#).
  14. Οκτώβριος 21, 2020  
Διόδια : Ενιαίος πομποδέκτης στους αυτοκινητόδρομους από 4 Νοεμβρίου  
Νέο τοπίο στα διόδια έρχεται από την Τετάρτη 4 Νοεμβρίου καθώς πρόκειται να τεθεί σε πλήρη λειτουργία ένας ενιαίος πομποδέκτης (ηλεκτρονικό εισιτήριο) για όλους τους αυτοκινητοδρόμους της χώρας.  
Πρακτικά αυτό σημαίνει ότι οι οδηγοί θα μπορούν να ταξιδέψουν σε όλους τους αυτοκινητόδρομους της χώρας μόνο με τον πομποδέκτη που ήδη διαθέτουν: [link](#).
  15. Νοέμβριος 11, 2020  
Διαδικτυακή ημερίδα της OPTILOG Advisory services  
Την Παρασκευή 20 Νοεμβρίου 2020 και ώρα 13.00 – 16.30 θα διεξαχθεί η διαδικτυακή ημερίδα της OPTILOG Advisory Services με τίτλο “Handling peak season challenges in e-commerce logistics via automation and information systems” : [link](#).
  16. Δεκέμβριος 21, 2020

Θεμελιώδης μετασχηματισμός των μεταφορών: Η Επιτροπή παρουσιάζει το σχέδιό της για πράσινη, έξυπνη και οικονομικά προσιτή κινητικότητα

Η Ευρωπαϊκή Επιτροπή παρουσίασε τη «Στρατηγική για βιώσιμη και έξυπνη κινητικότητα», συνοδευόμενη από σχέδιο δράσης 82 πρωτοβουλιών που θα καθοδηγήσουν τις εργασίες για την επόμενη τετραετία: [link](#).

17. Ιανουάριος 4, 2021

Μεταρρύθμιση των κανόνων επιβολής τελών χρήσης του οδικού δικτύου

Η ΕΕ αναθεωρεί τους κανόνες για τα τέλη χρήσης του οδικού δικτύου (οδηγία για την ευρωβινιέτα) ώστε να μειώσει τις εκπομπές αερίων του θερμοκηπίου, να αντιμετωπίσει άλλες περιβαλλοντικές επιπτώσεις και την κυκλοφοριακή συμφόρηση και να φροντίσει για τη χρηματοδότηση των οδικών υποδομών: [link](#).

18. Μάρτιος 10, 2021

Διπλή Έκθεση «Εφοδιαστική Αλυσίδα & Logistics»-«Cargo Truck & Van Expo»

Η καταξιωμένη και καθιερωμένη ανά διετία διεθνή έκθεση για την Εφοδιαστική Αλυσίδα, τα Logistics, τις Εμπορευματικές Μεταφορές, τις Τεχνολογίες Πληροφορικής, των Αυτοματισμών και των Επαγγελματικών Οχημάτων «ΕΦΟΔΙΑΣΤΙΚΗ ΑΛΥΣΙΔΑ & LOGISTICS» - «CARGO TRUCK & VAN EXPO», επιστρέφει σε μια μεγάλη διοργάνωση τον Οκτώβριο του 2021, στο εκθεσιακό κέντρο Metropolitan Expo, στην Αθήνα: [link](#).

19. Μάρτιος 26, 2021

Τρεις Έλληνες Ανάμεσα στους Καλύτερους Επαγγελματίες των Μεταφορών στον Κόσμο για το 2020

Η Διεθνής Ένωση Οδικών Μεταφορών IRU απονέμει τιμητική διάκριση με τίτλο «IRU Award for Top Road Transport Managers», στα κορυφαία στελέχη επιχειρήσεων οδικών μεταφορών που συμβάλλουν στην ανάπτυξη του κλάδου, μέσα από την ευρεία επαγγελματική τους εμπειρία και τα ιδιαίτερα διοικητικά τους επιτεύγματα.: [link](#).

20. Απρίλιος 9, 2021

Τέλος ο INEA, έρχεται ο CINEA

Από την 1η Απριλίου 2021, ο Εκτελεστικός Οργανισμός Καινοτομίας και Δικτύων (INEA) αντικαταστάθηκε από τον νέο Ευρωπαϊκό Εκτελεστικό Οργανισμό για το Κλίμα, τις Υποδομές και το Περιβάλλον (CINEA):. [link](#).

21. Απρίλιος 9, 2021

Απρίλιος 2021 - LIFE GreenYourRoute

Το GreenYourRoute είναι το έργο LIFE του μήνα για τον Απρίλιο 2021.

Το έργο LIFE GreenYourRoute (LIFE GYR) είναι μια καινοτόμος πλατφόρμα και εφαρμογή εφοδιαστικής για τελική παράδοση φορτιών σε αστικό περιβάλλον, που αναπτύχθηκε μέσω μιας πολυεπιστημονικής προσέγγισης της μηχανικής περιβάλλοντος, της επιστήμης των υπολογιστών και της επιχειρησιακής έρευνας.: [link](#).

22. Μάιος 20, 2021

Διαδικτυακή Ενημερωτική Δημερίδα: «LIFE και Μικρομεσαίες Επιχειρήσεις»

Η ομάδα του Έργου LIFE Cyclamen διοργανώνει, σε συνεργασία με την Ομοσπονδία Εργοδοτών και Βιομηχάνων (ΟΕΒ), διαδικτυακή Ενημερωτική Δημερίδα με τίτλο «LIFE και Μικρομεσαίες Επιχειρήσεις».

Το έργο LIFE GreenYourRoute θα βρίσκεται εκεί.: [link](#).



23. Σεπτέμβριος 5, 2021

Έργα 1,2 δις. ευρώ «Φιλί Ζωής» στην Εφοδιαστική Αλυσίδα

Μια νέα ευκαιρία για την Πολιτεία, την επιχειρηματικότητα και την κοινωνία ταυτόχρονα θα αποτελέσουν τα logistics στη χώρα μας, τα οποία τα επόμενα χρόνια θα πρέπει να γίνουν... ψηφιακά, ώστε να προσελκύσουν διεθνείς και εγχώριες επενδύσεις. Την ίδια στιγμή, οι αναδυόμενες ευκαιρίες στα green logistics και τα logistics του ελληνικού Δημοσίου (υγεία, μέσα μαζικής μεταφοράς, city logistics, agrologistics κ.ά.) θα ενισχυθούν με ένα θετικό χρηματοδοτικό σοκ από το Σχέδιο Ελλάδα 2.0 και το Ταμείο Ανάκαμψης και Ανθεκτικότητας.: [link](#).

24. Δεκέμβριος 18, 2021

Οι Μεταφορές 4.0 και το Ελληνικό Οικοσύστημα Καινοτομίας μέσα από το 7ο Συνέδριο του ITS Hellas

Με μεγάλη επιτυχία ολοκληρώθηκαν οι εργασίες του 7ου ITS Hellas Conference "Transportation & Logistics 4.0", του καθιερωμένου συνεδρίου που, για ακόμα μια χρονιά, κατάφερε να συσπειρώσει την ελληνική κοινότητα των μεταφορών και της εφοδιαστικής, δημιουργώντας γέφυρες απαραίτητες προς μια ευέλικτη και οργανωμένη μετάβαση σε ένα μέλλον, όπου όλες οι μεταφορές, ανθρώπων και αγαθών, θα είναι ευφυείς, πράσινες και βιώσιμες, όπως αναφέρεται σε σχετική ανακοίνωση.: [link](#).

#### 4.1.1.5.3 Czech version

In total 6 news and events were uploaded on the Czech version of LIFE GYR project website.

1. Listopad 01, 2018

Intermodal Europe 2018 se uskutečnil 6. - 8. 11. 2018 ve veletržním areálu AHOY Rotterdam

Intermodal Europe je již 40 let nejdůležitějším místem obchodních setkání odborníků z kontejnerového, dopravního a logistického průmyslu. Zacílením na odbornou veřejnost, volným vstupem a pořádáním konferencí propojuje vedoucí světové dodavatele a specialisty v oboru, umožňuje jim obchodovat a inspirovat se: [link](#).

2. Leden 31, 2019

PID Lítačka – systém, karta a mobilní aplikace

Pražská integrovaná doprava (PID) sdružuje hromadnou veřejnou přepravu jak na území Hl. města Praha (Tarifní pásma: P,0,B), tak i na přilehlém území Prahy (Tarifní pásma: 1-9). Páteří sítě PID jsou drážní linky (železnice, metro a tramvaje), tyto jsou doplňovány autobusy, trolejbusovou linkou, lanovou dráhou a přívozy: [link](#).

3. Pochod 01, 2019

Společnost Nikola Motors představila koncept třetího modelu vodíkového hybridního nákladního automobilu

Nový koncept společností Nikola Motors pro nulové emise autonomního vodíkového hybridního nákladního automobilu byl demonstrován jejich třetím modelem – TRE, jehož distribuce bude, na rozdíl od dvou předchozích modelů – ONE a TWO, opravdu

celosvětová. Samozřejmě se bude dodávat i pro Evropu. Dle vize společnosti bude model TRE cestou k vybudování evropské nákladní přepravy s nulovou emisí: [link](#).

4. Duben 16, 2019

Kdo nese zodpovědnost za autonomní vozidla?

Technologický vývoj už umožňuje masovou výrobu a užití autonomních a poloautonomních nákladních aut. Některé společnosti vyvíjejí autonomní řídicí systémy již více jak deset let. Některé dokonce umístily na trh svoje plně funkční produkty: [link](#).

5. Březen 09, 2020

Kraje chtějí zavést mýto na všech silnicích I. třídy a zakázat tranzit na silnicích nižších tříd  
Zástupci krajů předložili ministerstvu dopravy návrhy na zpoplatnění všech státních silnic první třídy. Hejtmani nechtějí, aby se kamiony vyhýbaly vybraným placeným úsekům silnic první třídy, na nichž se od ledna platí mýto: [link](#).

6. Květen 13, 2020

Vybrané mýtné v dubnu meziročně kleslo o pětinu na 746 milionů

Dubnová čísla z mýtného systému odhalují krizi v nákladní dopravě. Celkem stát vybral od nákladních dopravců za užití dálnic a části silnic I. třídy jen 746 milionů korun, což navzdory lednovému rozšíření zpoplatněné sítě představuje meziroční pětinový pokles: [link](#).

#### 4.1.1.5.4 Italian version

In total 10 news and events were uploaded on the Italian version of LIFE GYR project website.

1. 01/11/2018

Intermodal Europe 2018 è in programma a Rotterdam presso il centro AHOY dal 6 all'8 Novembre

Da quarant'anni Intermodal Europe è la più importante piattaforma di business per i professionisti del settore dei trasporti e della logistica distributiva. Interessando un pubblico fortemente settoriale, la libertà di partecipare all'esibizione e alla conferenza consente ai principali fornitori ed esperti del settore di entrare in contatto tra loro, collaborare e trarre ispirazione: [link](#).

2. Gennaio 25, 2021

Pubblicato il documento 'La logistica urbana in una visione integrata'

Primo passo per comprendere le sfide dei decisori politici centrali e locali: [link](#).

3. Maggio 25, 2022

Europa Verde: Pianificazione e Strumenti

Troppo spesso, si tende a considerare la salute come la semplice assenza di malattie, ma la definizione di salute è olistica e l'ambiente in cui viviamo determina fino al 75% dei risultati della salute (OMS). Innumerevoli evidenze scientifiche dimostrano che l'inquinamento atmosferico costituisce la maggiore minaccia ambientale per la salute umana.: [link](#).

4. Maggio 25, 2022

La strada da Percorrere per un'Europa più Verde

Gli operatori del trasporto stradale sono al centro della trasformazione verde dell'UE. Pienamente consapevoli della loro responsabilità, sono impegnati nella decarbonizzazione. Tuttavia, le tecnologie per i veicoli pesanti ad alimentazione alternativa a zero emissioni e le relative infrastrutture sono ancora agli inizi.: [link](#).

5. Maggio 25, 2022

Risultati dei Premi Capitale Verde Europea 2023 e Foglia Verde Europea 2022

Il premio Capitale verde europea 2023 va alla città estone di Tallinn. Il titolo di Foglia verde europea 2022 è andato congiuntamente alla città portoghese di Valongo e a Winterswijk nei Paesi Bassi.: [link](#).

6. Luglio 13, 2022

REPowerEU: Un Piano per Ridurre Rapidamente la Dipendenza Dai Combustibili Fossili Russi e Accelerare la Transizione Verde

La trasformazione verde rafforzerà la crescita economica, la sicurezza e l'azione per il clima per l'Europa e i nostri partner. Lo strumento per la ripresa e la resilienza (RRF) è al centro del piano REPowerEU e sostiene la pianificazione e il finanziamento coordinati di infrastrutture transfrontaliere e nazionali, nonché di progetti e riforme energetiche.: [link](#).

7. Ottobre 07, 2022

La Commissione annuncia la Partecipazione di 100 Città alla Missione dell'UE per Città Climaticamente Neutre e Intelligenti entro il 2030

La Commissione ha annunciato le 100 città dell'UE che parteciperanno alla Missione UE per 100 città climaticamente neutre e intelligenti entro il 2030, la cosiddetta Missione Città. Le 100 città provengono da tutti i 27 Stati membri, mentre altre 12 provengono da Paesi associati o potenzialmente associabili a Horizon Europe, il programma di ricerca e innovazione dell'UE (2021-2027): [link](#).

8. Ottobre 28, 2022

Oslo e Amsterdam sono le Migliori sulla via della Mobilità Sostenibile

Le città sono la chiave per guidare l'Europa verso una mobilità sana e rispettosa del clima. Tre quarti degli europei vivono in aree urbane, mentre la mobilità nelle città è responsabile del 23% delle emissioni di gas serra dell'UE dovute ai trasporti. Il settore dei trasporti è anche l'unico che ha visto aumentare le proprie emissioni dal 1990.: [link](#).

9. Dicembre 8, 2022

La Commissione propone Nuovi Standard Euro 7

La Commissione ha presentato una proposta per ridurre l'inquinamento atmosferico dei veicoli a motore nuovi venduti nell'UE, al fine di soddisfare l'ambizione del Green Deal europeo in materia di inquinamento zero, mantenendo i veicoli a prezzi accessibili per i consumatori e promuovendo la competitività dell'Europa.: [link](#).

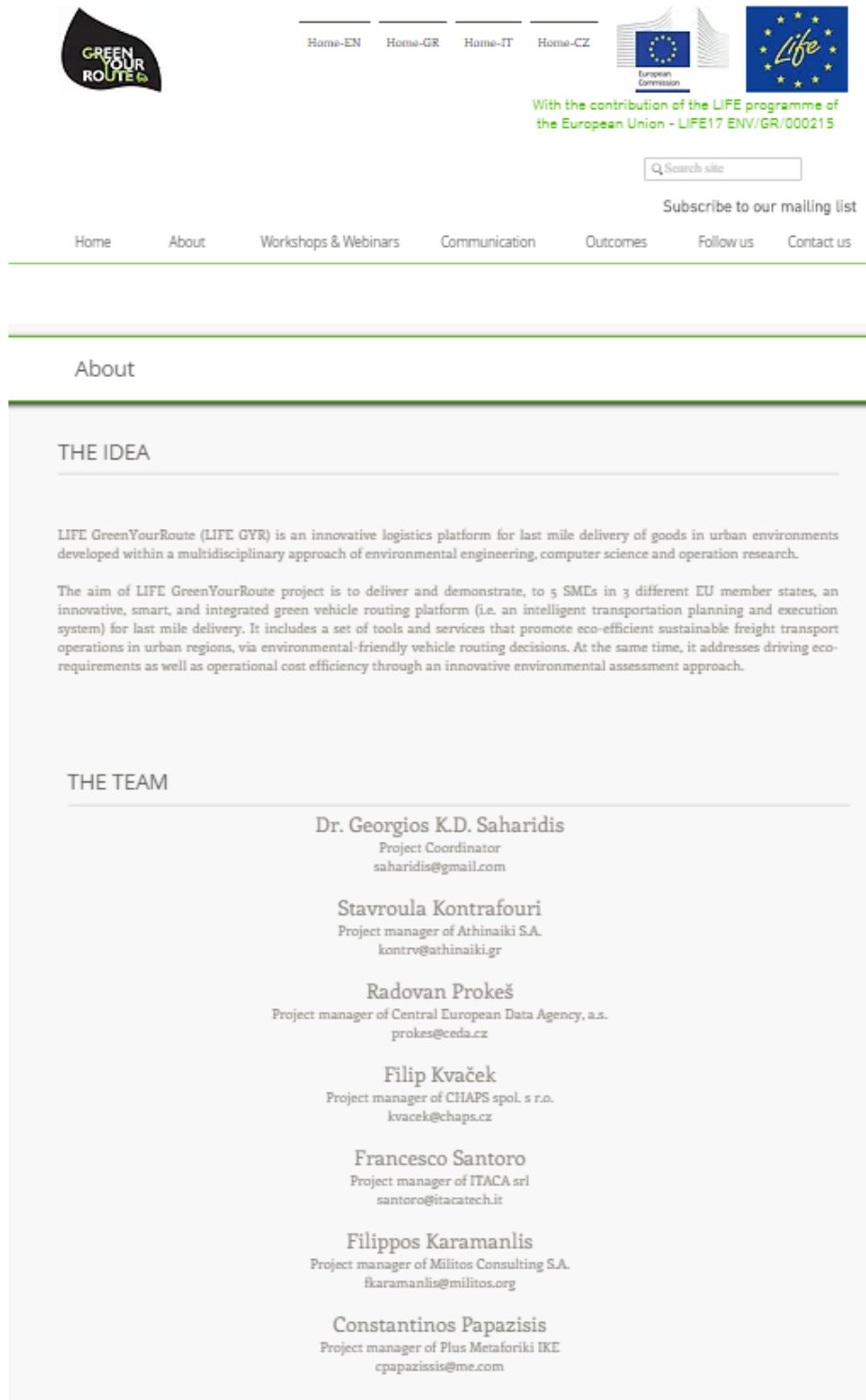
10. Marzo 5, 2023

Il Quadro di Riferimento per la Mobilità Urbana della Commissione Europea

La nuova iniziativa - che fa parte del più ampio "Pacchetto mobilità efficiente e verde" pubblicato il 14 dicembre - mira a rendere la mobilità urbana più sostenibile, intelligente e sana.: [link](#).

#### 4.1.2 About

The “About” section (see Figure 40) includes two parts. The first part provides a brief description of the main idea of the LIFE GreenYourRoute project and the second one presents the beneficiaries’ project managers and their contact details.



The screenshot shows the 'About' section of the LIFE GYR website. At the top, there is a navigation menu with links for Home-EN, Home-GR, Home-IT, Home-CZ, and Home-GR. Below the navigation, there is a search bar and a link to subscribe to the mailing list. The main content area is titled 'About' and contains two sections: 'THE IDEA' and 'THE TEAM'. 'THE IDEA' describes the project as an innovative logistics platform for last mile delivery of goods in urban environments, developed within a multidisciplinary approach of environmental engineering, computer science and operation research. It aims to deliver and demonstrate, to 5 SMEs in 3 different EU member states, an innovative, smart, and integrated green vehicle routing platform (i.e. an intelligent transportation planning and execution system) for last mile delivery. 'THE TEAM' lists six project managers from various organizations: Dr. Georgios K.D. Saharidis (Project Coordinator), Stavroula Kontrafouris (Project manager of Athinaiki S.A.), Radovan Prokeš (Project manager of Central European Data Agency, a.s.), Filip Kvaček (Project manager of CHAPS spol. s r.o.), Francesco Santoro (Project manager of ITACA srl), and Filippos Karamanlis (Project manager of Militos Consulting S.A.). Constantinos Papazisis is also listed as a project manager of Plus Metaforiki IKE.

Figure 40: About section of LIFE GYR website

### 4.1.3 Workshops & Webinars

The “Workshops & Webinars” section (see Figure 41) includes: a) the “Workshop” subsection and b) the “Webinars” subsection.

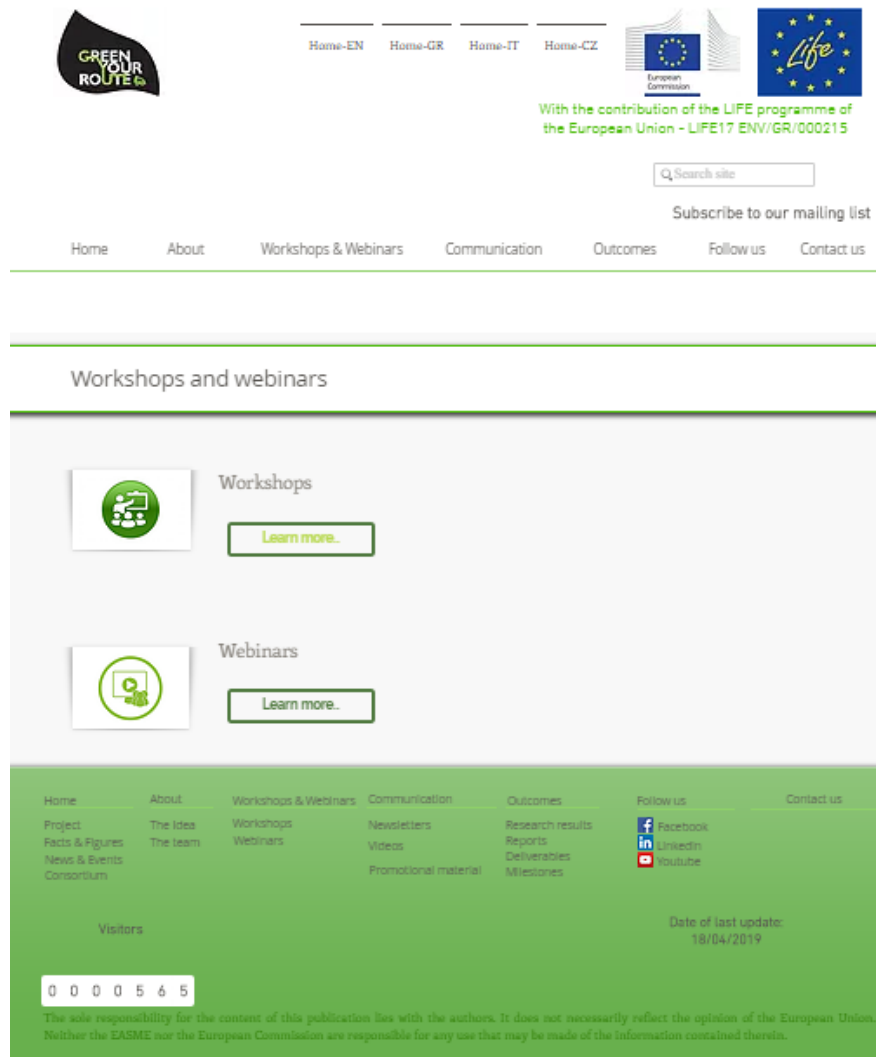


Figure 41: Workshops & Webinars section of LIFE GYR website

#### 4.1.3.1 Workshops

The “Workshops” subsection (see Figure 42) presents the organisation and the objectives of the workshops.



Figure 42: Workshops & Webinars section - Workshops subsection of LIFE GYR website

#### 4.1.3.2 Webinars

The “Webinars” subsection (see Figure 43) presents the aim of the webinars and information on the participation to LIFE GYR project’s webinars, which will be performed between May 2020 and October 2020.

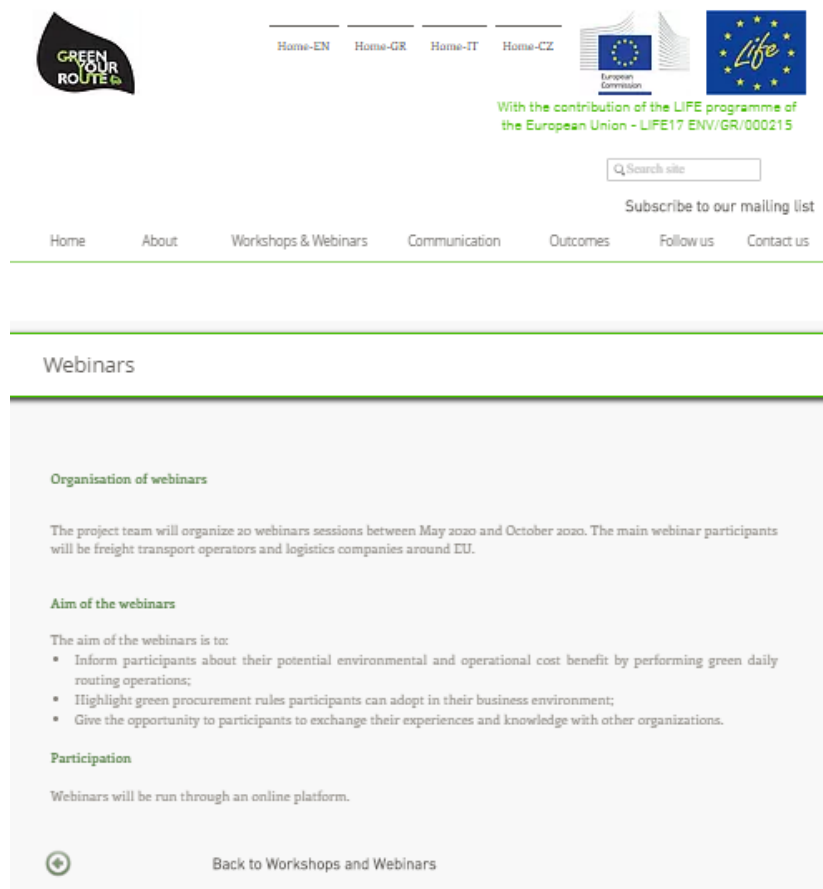


Figure 43: Workshops & Webinars section - Webinars subsection of LIFE GYR website

#### 4.1.4 Communication

This section (see Figure 44) includes 1) the “Newsletters” subsection which presents the newsletters dispatched under the frame of the project, 2) the “Educational and promotional videos” subsection where video related to the project as well as promotional video of the project are uploaded and 3) the “Notice boards & flyers” subsection which includes electronic format versions of the notice boards and flyers produced.



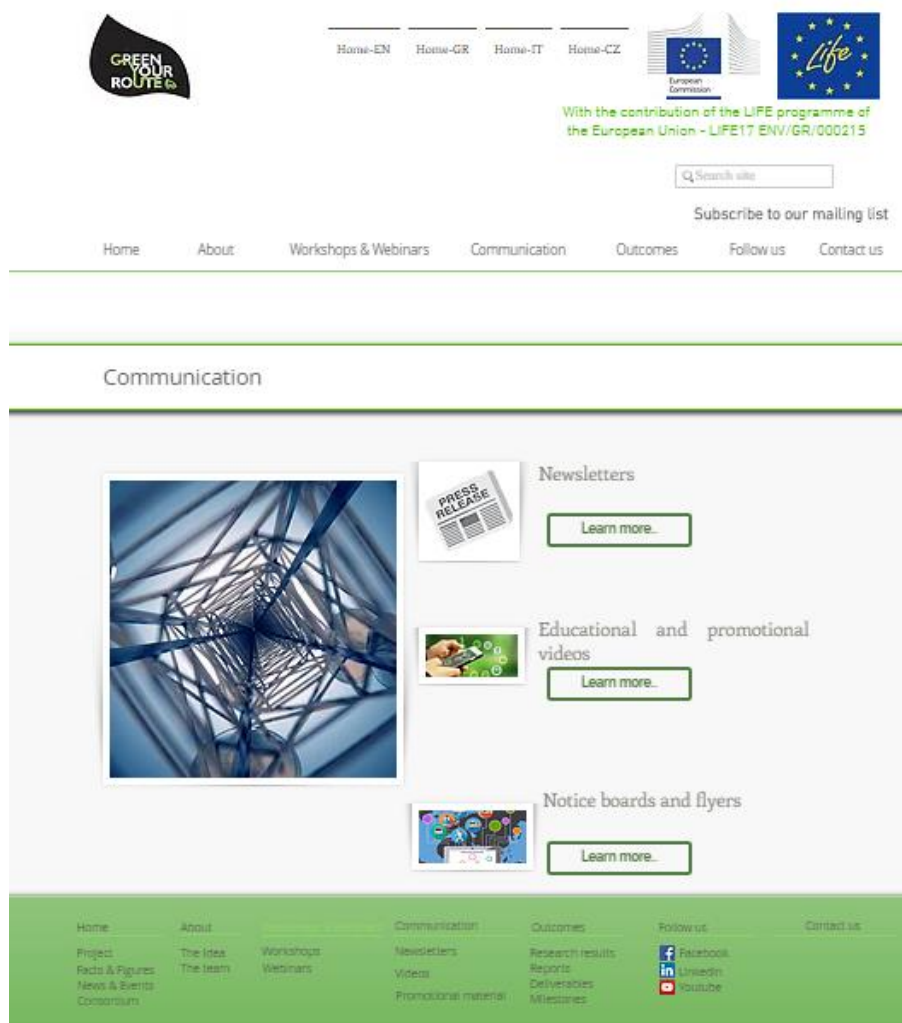


Figure 44: Communication section of LIFE GYR website

#### 4.1.4.1 Newsletters

The “Newsletters” subsection (see Figure 45) includes all the newsletters dispatched under the frame of LIFE GYR project.

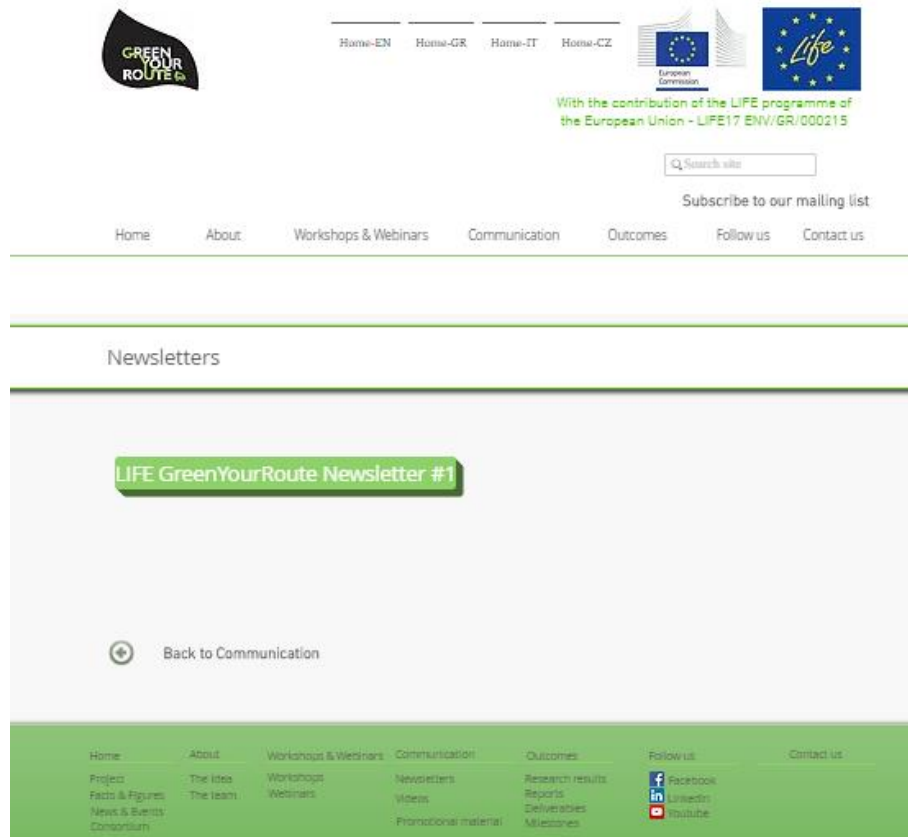


Figure 45: Communication section – Newsletters subsection

#### 4.1.4.1.1 1<sup>st</sup> Newsletter

In the 1<sup>st</sup> Newsletter (available at the following [link](#)), the following articles and news were included:

1. Editorial: Logistics optimization and environmental efficiency
2. LIFE GreenYour Route project is on its way!
3. LIFE GreenYourRoute project kick-off meeting in Volos, Greece
4. Logistics meets innovation conference
5. 1st Transport Cybersecurity Conference: Raising the bar by working together
6. Preparatory work for an EU road safety strategy 2020-2030
7. Freight exchange platforms
8. DHL - Green Optimization in transport

#### 4.1.4.1.2 2<sup>nd</sup> Newsletter

In the 2<sup>nd</sup> Newsletter (available at the following [link](#)), the following articles and news were included:

1. Editorial: Buying green in logistics
2. Smart Urban Freight Logistics Hubs
3. LIFE ASPIRE project
4. Clean Mobility
5. First-ever EU standards to reduce pollution from trucks
6. Provisional agreement on funding for environment and climate action

#### 4.1.4.1.3 3<sup>rd</sup> Newsletter

In the 3<sup>rd</sup> Newsletter (available at the following [link](#)), the following articles and news were included:

1. Editorial: The European Green Deal and LIFE GYR
2. LIFE GYR is participating in ESCC 2020 in August
3. First LIFE GYR outcomes are available online
4. Transport Climate Action Directory
5. City e-truck charging can cut road freight emissions by 20%
6. Better working conditions for truck drivers across the EU
7. EU promotes digitalisation of freight transport information

#### 4.1.4.1.4 4<sup>th</sup> Newsletter

In the 4<sup>th</sup> Newsletter (available at the following [link](#)), the following articles and news were included:

1. Editorial: COVID-19 pandemic challenges and LIFE GYR
2. GreenYourRoute platform is coming in the New Year
3. GYR platform emission calculation tool is available
4. The city of Graz trials CO<sub>2</sub>-free postal delivery
5. Quiet and clean deliveries to city supermarkets
6. Driving cleaner transport with the Eurovignette
7. A fundamental transport transformation: Commission presents its plan for green, smart and affordable mobility

#### 4.1.4.1.5 5<sup>th</sup> Newsletter

In the 5<sup>th</sup> Newsletter (available at the following [link](#)), the following articles and news were included:

1. Editorial: The vehicle routing problem challenges
2. New release date of GYR platform
3. GYR Vehicle Routing Problem algorithm
4. Italian guidance published on “Urban logistics in an integrated vision”
5. Greater Lyon tightens its low emission zone

6. “8th International Conference on Energy, Sustainability and Climate Change” Volos, Greece, ESCC 2021
7. Road charging reform – Council agrees its stance

#### 4.1.4.1.6 6<sup>th</sup> Newsletter

In the 6<sup>th</sup> Newsletter (available at the following [link](#)), the following articles and news were included:

1. Editorial: The energy crisis challenges
2. Real-Life Practice of GYR Platform
3. GYR Automatic Order Import Tools are Available
4. Grenoble takes over as European Green Capital for 2022
5. Madrid develops Logistics Microhub to boost Low Emissions Delivery
6. “9th International Conference on Energy, Sustainability and Climate Crisis” Paphos City, Cyprus, ESCC 2022
7. Commission announces 100 cities participating in EU Mission for Climate-Neutral and Smart Cities by 2030

#### 4.1.4.1.7 7<sup>th</sup> Newsletter

In the 7<sup>th</sup> Newsletter (available at the following [link](#)), the following articles and news were included:

1. Editorial: Last-Mile Logistics with Electric Vehicles
2. The User(-friendly) Interface of GYR Platform
3. GYR Mobile App is cool
4. Oslo and Amsterdam performing Best on the Way to Sustainable Mobility
5. Greater Manchester prepares for the Launch of its Clean Air Zone
6. REPowerEU: A plan to Rapidly reduce Dependence on Russian Fossil Fuels and Fast Forward the Green Transition
7. The European Commission and the IEA Outline Key Energy Saving Actions

#### 4.1.4.1.8 8<sup>th</sup> Newsletter

In the 8<sup>th</sup> Newsletter (available at the following [link](#)), the following articles and news were included:

1. Editorial: Transport Sector and Urban Air Pollution
2. LIFE GYR participated in ESCC 2022 in August
3. LIFE GreenYourRoute Project Meeting in Volos, Greece
4. Cologne to establish Mobility Council to support SUMP Development
5. Paris announces Controversial Plan to transform Ring Road into Green Belt
6. Research and Innovation in Urban Mobility, Logistics and Public Transport
7. Assessing the Performance of Urban Public Transport using Population Grid Data

#### 4.1.4.1.9 9<sup>th</sup> Newsletter

In the 9<sup>th</sup> Newsletter (available at the following [link](#)), the following articles and news were included:

1. Let's do it like with Ozone Layer Recovery
2. Real-Life Practice of GYR Platform
3. LIFE GYR Workshop
4. Kraków will be first Polish City to ban Older Cars
5. Delft's IKEA launches Solar Bikes for More Sustainable Last-mile Service
6. Commission proposes new Euro 7 Standards
7. Route 35 Kick-off Meeting: EU Initiative to Green Automotive Industry

#### 4.1.4.1.10 10<sup>th</sup> Newsletter

In the 10<sup>th</sup> Newsletter (available at the following [link](#)), the following articles and news were included:

1. Emissions are dropping!
2. Environmental Technology Verification of GYR Platform
3. New Logistics Companies use GYR Service
4. Madrid becomes the First Major European Capital to have a 100% Clean Bus Fleet
5. Brussels' New Traffic Plan has reduced Cars by One-Fifth in the Last Six Months
6. The Green Deal Industrial Plan: putting Europe's Net-Zero Industry in the Lead
7. WHO urges Europe to rethink Mobility to improve Health and Wellbeing

#### 4.1.4.1.11 11<sup>th</sup> Newsletter

In the 11<sup>th</sup> Newsletter (available at the following [link](#)), the following articles and news were included:

1. From the Air to the Ground
2. Real life Demonstration of GYR Platform
3. 10th International Conference on Energy, Sustainability and Climate Crisis June 5 - 9, 2023, Heraklion, Greece
4. Bus Éireann aims to double emission-free km in 2023 after record year
5. Paris inaugurates First Zero-Carbon Neighbourhood
6. New Law agreed to cut Aviation Emissions by promoting Sustainable Aviation Fuels
7. Rules to boost Intelligent Transport Systems for Safer and more Efficient Transport agree

#### 4.1.4.2 Educational and Promotional videos

The "Educational and Promotional videos" subsection includes all videos produced under the frame of LIFE GYR project, as well as related to the project videos.

#### 4.1.4.3 Notice boards & Flyers

The “Notice boards & flyers” subsection (see Figure 47, Figure 48, Figure 49) includes an electronic format of the notice boards, flyers and posters produced for dissemination activities of LIFE GYR project. The promotional material maquettes, i.e. notice boards (see [link](#)), flyers (see [link](#)) and posters (see [link](#)) are included in the Promotional material section of LIFE GYR website in a slideshow format.

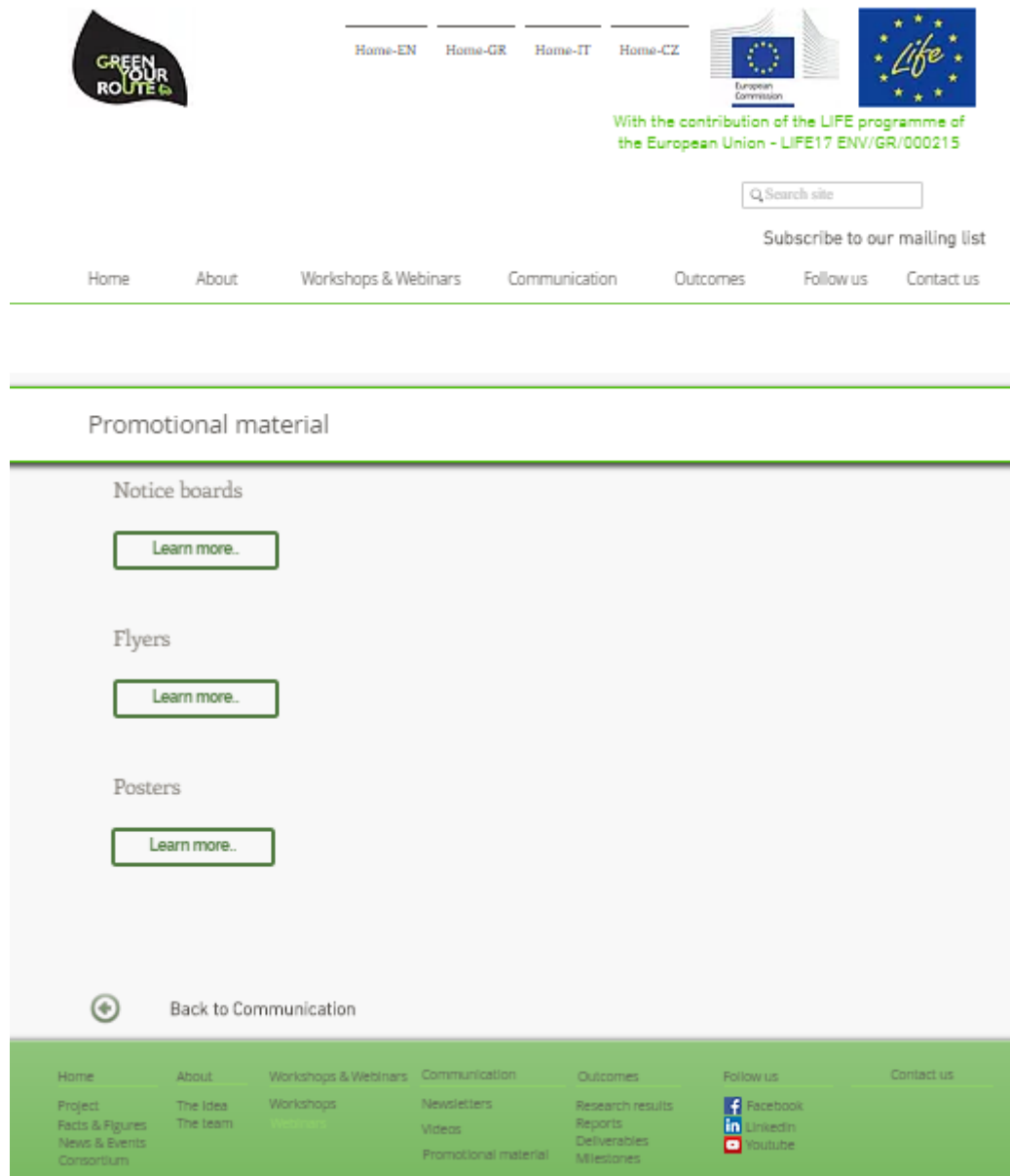


Figure 46: Communication section - Notice Boards & Flyers subsection of LIFE GYR project

The following Notice Boards and flyers are included in LIFE GYR website:

1. Informative notice board of LIFE GYR project in Greek, Czech and Italian (see Figure 47).
2. Informative c of LIFE GYR project in Italian, Greek, Czech and English (see Figure 48).
3. Informative poster of LIFE GYR project in English, Italian, Czech and Greek (see Figure 49).

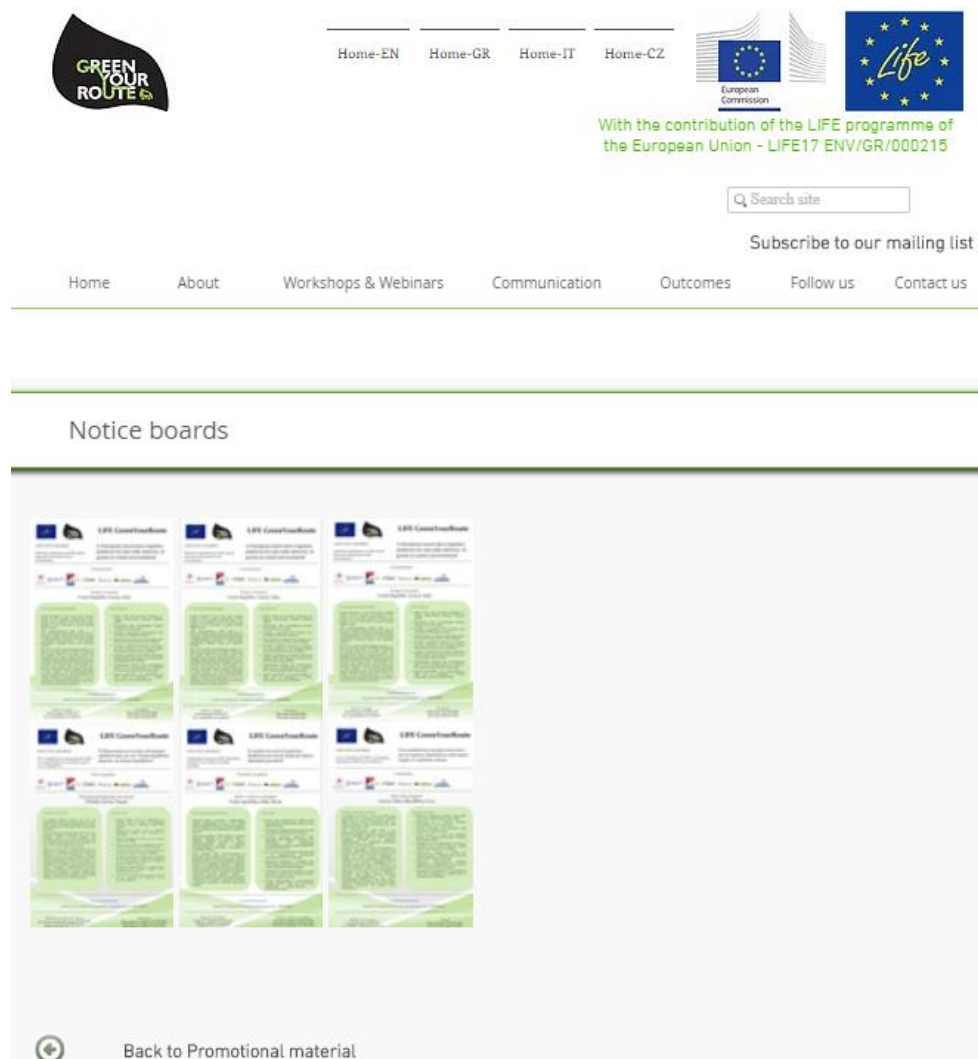


Figure 47: Informative notice boards of LIFE GYR project in Greek, Czech and Italian

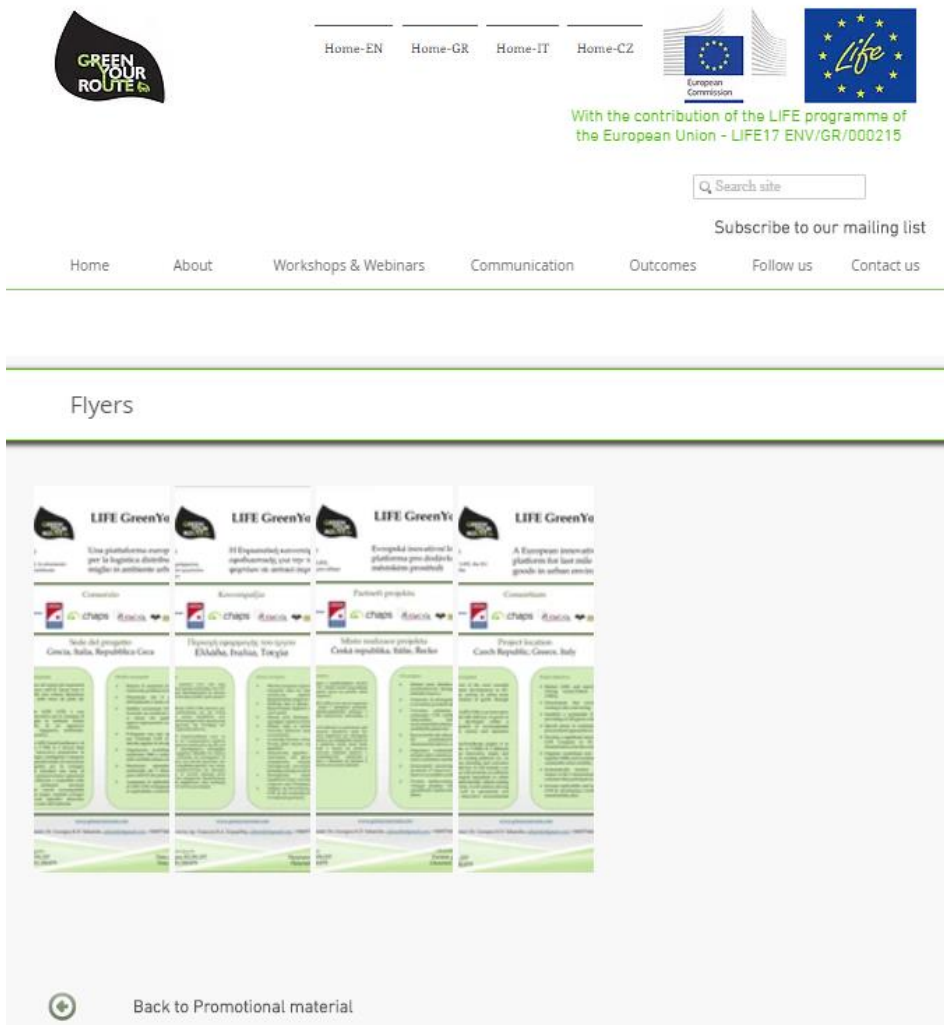


Figure 48: Informative flyers of LIFE GYR project in Italian, Greek, Czech and English



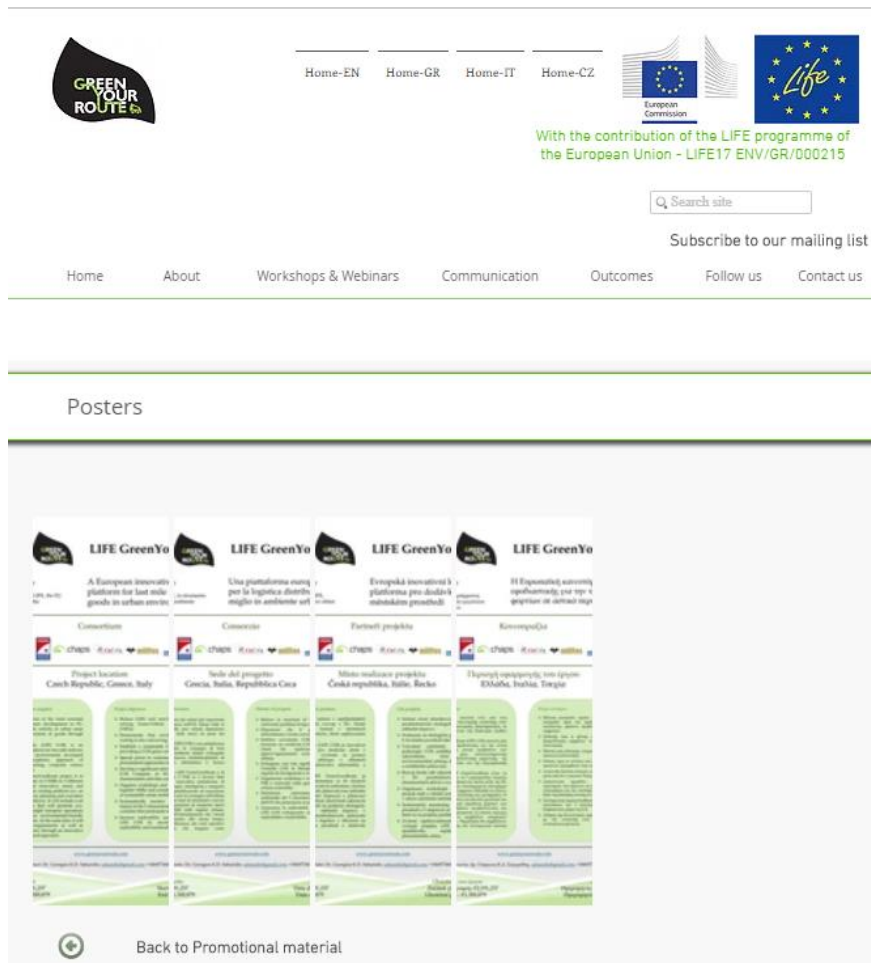


Figure 49: Informative posters of LIFE GYR project in English, Italian, Czech and Greek

#### 4.1.5 Outcomes

The “Outcomes” section of the project’s website (see Figure 50) includes: 1) the “Research Results” subsection which presents the scientific publications produced under the frame of the project, 2) the “Reports” subsection which presents the compulsory reports delivered under the frame of the project, 3) the “Deliverables” subsection where the deliverables produced under the frame of the project are uploaded and 4) the “Milestones” subsection where the milestones of the project are presented.

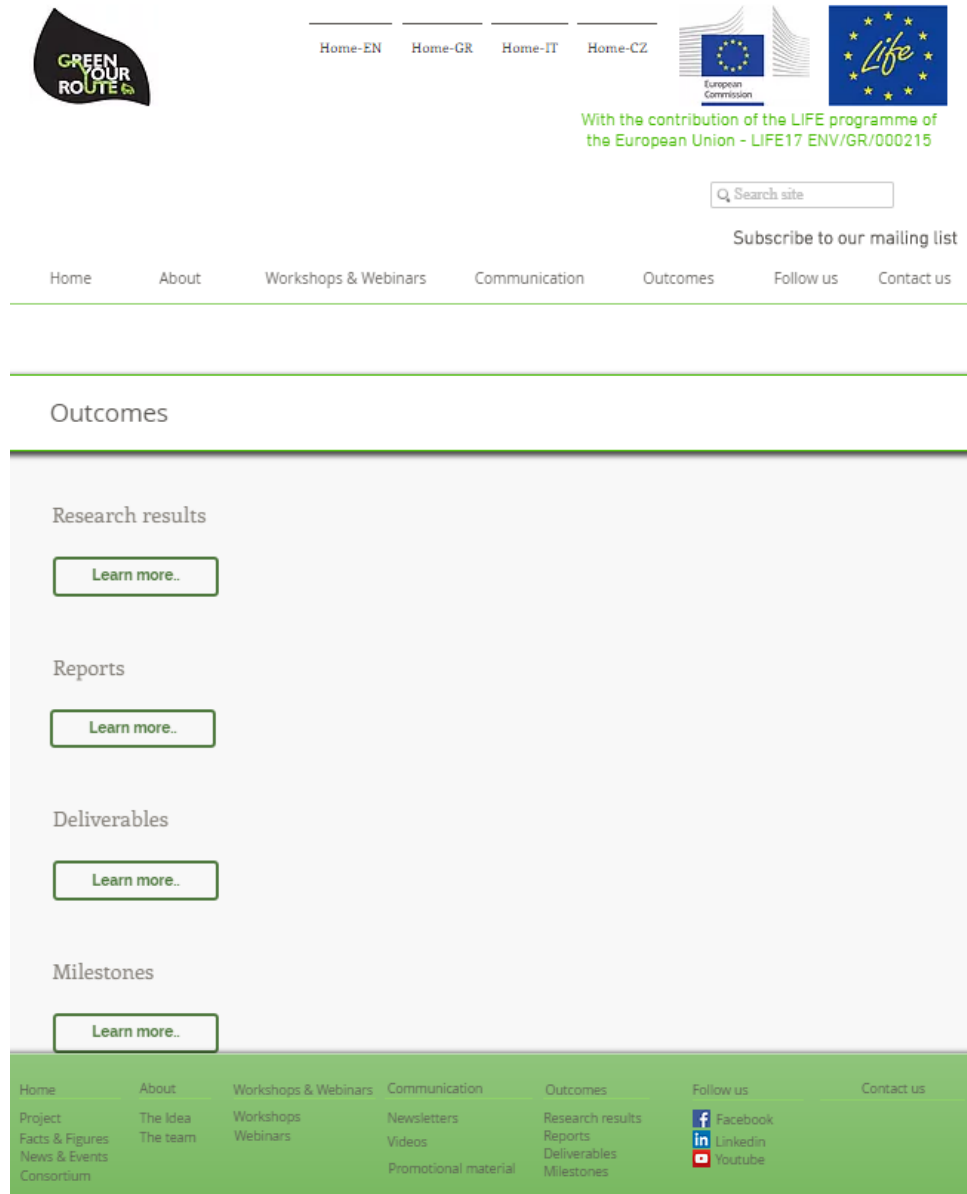


Figure 50: Outcomes section of LIFE GYR project website

#### 4.1.5.1 Research results

The “Research results” includes all the scientific outcomes of the project (e.g. journal papers, conference presentations, etc).

#### 4.1.5.2 Reports

In the “Reports” subsection (see Figure 51) all the compulsory reports related to the project are available. These include:

1. The Mid-term report (available for download).
2. The Progress report.
3. The Final report.

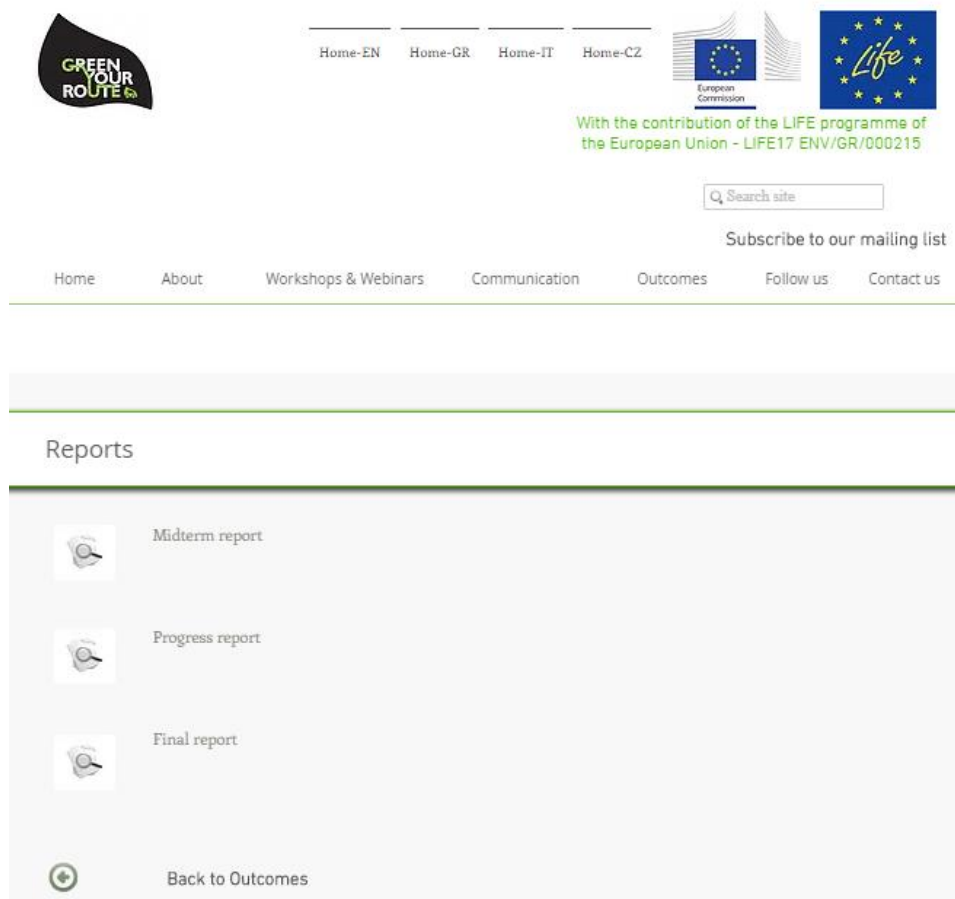


Figure 51: Outcomes section - Reports subsection of LIFE GYR website

#### 4.1.5.3 Deliverables

The “Deliverables” subsection (see Figure 52) includes a list of all the public project’s deliverables (see Table 4). For those interested in accessing any of the project’s deliverables not available as public files, a request form has to be filled-in on the following [link](#), which can be accessed through the “Request” button (see Figure 53).



Figure 52: Outcomes section - Deliverables subsection of LIFE GYR website

Table 4: List of Deliverables on Outcomes section – Deliverables subsection of LIFE GYR website

Deliverable	Description
A1.1	Partnership agreements.
A1.2	MoU of Green Procurement, manual and the software services developed for
A1.3	Green procurement guidelines.
A1.4	Review of developments after the proposal submission.
E1.1	Final version of the project’s steering committee (updated whenever project managers change).
B4.1	Report of demonstrators requirements.
B4.2	Testing and evaluation report of LIFE GYR platform.
C3.1	Report focusing on the results achieved and/or deviations experienced/expected as compared to the original estimates/inputs in the KPI Webtool and LIFE performance Indicators.
B1.1	Data access user manual in 11 EU languages.
B5.1	Report on integration activities (updated every month since the beginning of demonstration phase 2).
B5.2	Integration manual in 11 EU languages.

Deliverable	Description
B6.1	Business plan.
C3.2	Report focusing on the results achieved and/or deviations experienced/expected as compared to the original estimates/inputs in the KPI Webtool and LIFE performance Indicators.
B1.2	LIFE GYR Database and data access service.
B2	Report on adjusted modeling approach and solution algorithm.
B3.1	Manual of Web and mobile app in 11 EU languages.
B3.2	Report on the development of the web and mobile application.
B7.1	Replicability and transferability plan.
B7.2	Webinar report (updated after each webinar).
B7.3	Report updating air quality legislation.
B6.2	Legal registration document of LIFE GYR Company.
B7.4	Report on actions taken to update EU policy.
C1	Emission inventory methodology and monitoring of the environmental impact of the project.
C2	Quantification of socio-economic impact report including methodological approach and data collected.
D1	Report including material associated with dissemination pack and networking activities (updated every 6 months).
D2	Report with the most important points resulted during the workshops, conferences and events participation (updated after each workshop, conference or event).
E2.1	After-life communication plan.
E2.2	Exploitation plan.
B6.3	Verification plan and LIFE GYR certificate.
B5.3	Signed contracts with the demonstrating companies.
C3.3	Report focusing on the results achieved and/or deviations experienced/expected as compared to the original estimates/inputs in the KPI Webtool and LIFE performance Indicators.

Deliverable	Description
E1.2	Minutes of project meetings (updated after each meeting).
E1.3	Risk Management Plan associated with Risks Assessment Forms and Quality Control Report (updated every month)

## Deliverables

The List of Deliverables is available below.  
If you are interested in having access in LIFE GYR's Deliverables, please click the request button.

Request

Figure 53: Request button on Outcomes section - Deliverables subsection of LIFE GYR website

### 4.1.5.4 Milestones

The “Milestones” subsection (see Figure 54) presents the important milestones of the project, such as the signature of the Partnership Agreements, the integration of LIFE GYR platform to the demonstrators environment, etc.

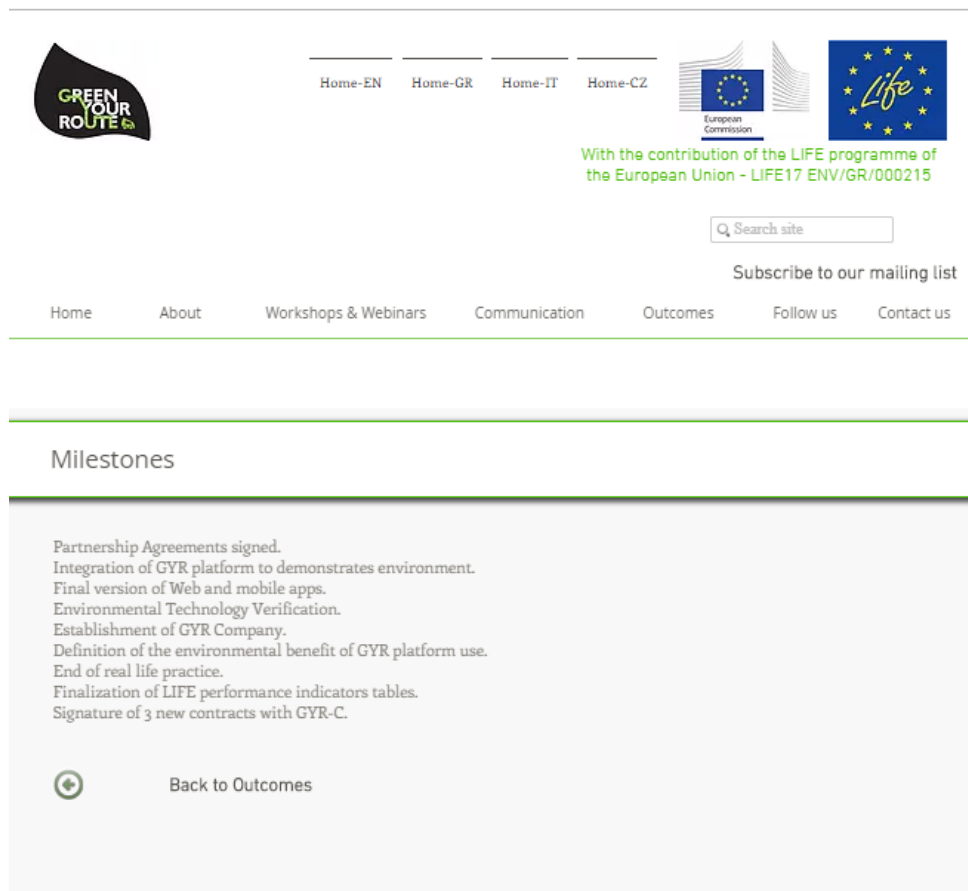


Figure 54: Outcomes section - Milestones subsection of LIFE GYR website

#### 4.1.6 Follow us

GreenYourRoute team ensures vivid presence in the social media using Facebook, LinkedIn, Youtube, and creates accounts under the name LIFE GreenYourRoute to disseminate LIFE GYR outcomes. The “Follow us” section (see Figure 55) includes links to all the social media accounts. By clicking on each relevant link, the user is transferred to the corresponding social media, namely:

- Facebook: [link](#).
- LinkedIn: [link](#).
- Youtube: [link](#).

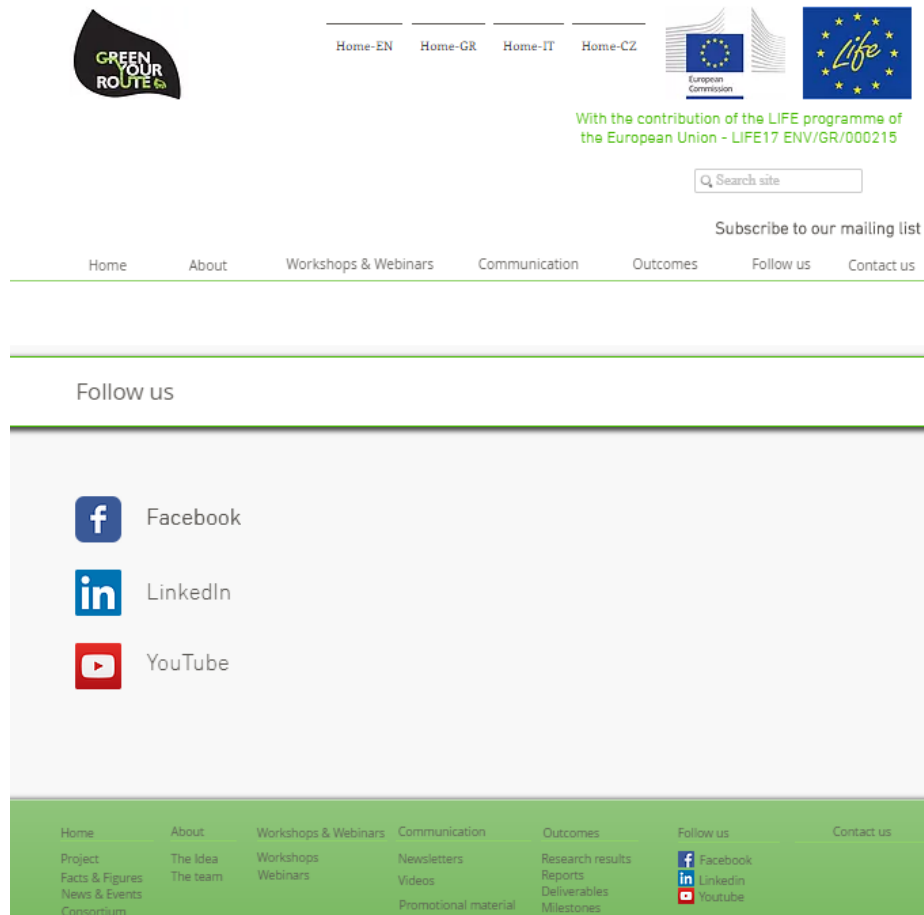
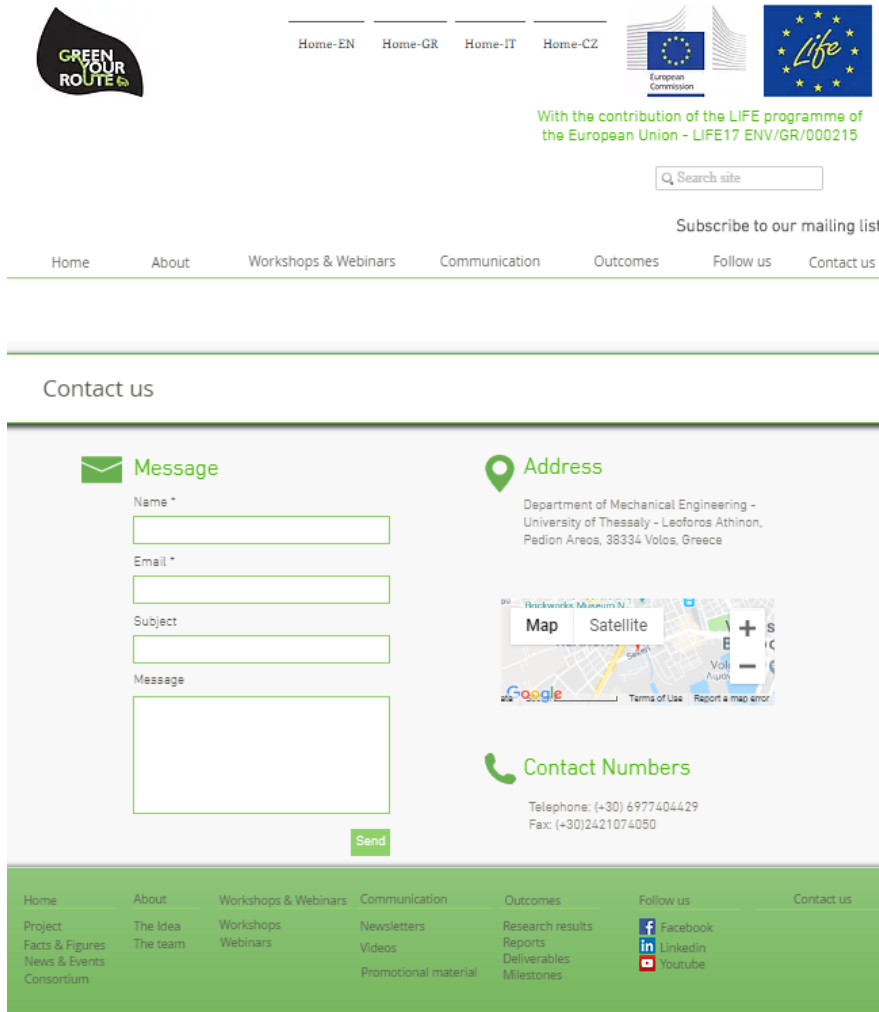


Figure 55: Follow us section - Social media subsection of LIFE GYR website

#### 4.1.7 Contact us

The “Contact us” section provides all the contact information for LIFE GYR project (i.e. postal address, telephone number, e-mail) and a message form, for interested users in contacting the LIFE GYR project (see Figure 56).





The screenshot shows the 'Contact us' section of the LIFE GYR website. At the top, there are navigation links: Home-EN, Home-GR, Home-IT, Home-CZ, and a search bar. Below these are logos for the European Commission and the LIFE programme, along with the text: 'With the contribution of the LIFE programme of the European Union - LIFE17 ENV/GR/000215'. A 'Subscribe to our mailing list' button is also present. The main content area is titled 'Contact us' and contains three sections: 'Message', 'Address', and 'Contact Numbers'. The 'Message' section has input fields for Name, Email, Subject, and a large text area for the message, with a 'Send' button below. The 'Address' section provides the contact details for the Department of Mechanical Engineering at the University of Thessaly, including a Google Map of the location. The 'Contact Numbers' section lists the telephone and fax numbers. At the bottom, there is a green footer with a grid of links for various website sections and social media platforms.

Figure 56: Contact us section of LIFE GYR website

## News and events posted at LIFE GYR Facebook page

Table 5: News and events posted at LIFE GYR Facebook page

Published	Post	Type	Reached
28 March 2019	Clean mobility: Putting an end to polluting trucks. Commission welcomes first-ever EU standards to reduce pollution from trucks <a href="https://www.greenyourroute.com/clean-mobility-putting-an-end-to">https://www.greenyourroute.com/clean-mobility-putting-an-end-to</a>	Link	141
28 March 2019	EU budget for 2021-2027: Commission welcomes the provisional agreement on funding for the environment and climate action <a href="https://www.greenyourroute.com/eu-budget-for-2021-2027-commission">https://www.greenyourroute.com/eu-budget-for-2021-2027-commission</a>	Link	140
28 March 2019	Clean mobility: Commission welcomes European Parliament adoption of new CO2 emission standards for cars and vans to reduce pollution and improve air quality <a href="https://www.greenyourroute.com/clean-mobility-commission-welcomes">https://www.greenyourroute.com/clean-mobility-commission-welcomes</a>	Link	166
28 March 2019	Connecting Europe: Commission is proposing to invest €421 million for safer, smarter and greener transport infrastructure <a href="https://www.greenyourroute.com/connecting-europe">https://www.greenyourroute.com/connecting-europe</a>	Link	113
16 April 2019	Ευρωπαϊκή Τράπεζα Ανασυγκρότησης: Η Ελλάδα θα καταστεί διεθνής κόμβος μεταφορών Η Ευρωπαϊκή Τράπεζα Ανασυγκρότησης και Ανάπτυξης (EBRD) διαθέτει στον τομέα των υποδομών το 1/3 του κεφαλαίου της, στο πλαίσιο ενός «πράσινου» προγράμματος επενδύσεων, υπογράμμισε από το βήμα του συνεδρίου του Economist ο αναπληρωτής επικεφαλής του τμήματος Υποδομών της EBRD, Γκιγιόμ Λε Μπρι. <a href="https://www.greenyourroute.com/i-ellada-tha-katastei-diethnis-komv">https://www.greenyourroute.com/i-ellada-tha-katastei-diethnis-komv</a>	Link	135
16 April 2019	Transport Research Arena 2020 (Helsinki, Finland) Transport Research Arena (TRA) is the foremost European transport event that covers all transport modes and all aspects of mobility. The next edition of this biennial event will be held in Helsinki on the 27-30 of April in 2020. <a href="https://www.greenyourroute.com/transport-research-arena-2020">https://www.greenyourroute.com/transport-research-arena-2020</a>	Link	97
28 May 2019	EU celebrates best projects for nature, environment and climate action <a href="https://www.greenyourroute.com/life-awards-2019">https://www.greenyourroute.com/life-awards-2019</a>	Link	89

Published	Post	Type	Reached
28 May 2019	The EU Sustainable Energy Week is the biggest event dedicated to renewables and efficient energy use in Europe. Sessions organised by the European Commission and energy stakeholders focus on sustainable energy issues, debate new policy developments, best practices and sustainable energy ideas. <a href="https://www.greenyourroute.com/eu-sustainable-energy-week-2019">https://www.greenyourroute.com/eu-sustainable-energy-week-2019</a>	Link	103
28 May 2019	Are you ready to change the world? ESCC series aims on bringing together leading experts in the fields of energy, sustainability, climate change, optimization and computational methods to discuss recent advancements and trending topics. <a href="https://www.greenyourroute.com/escs-2019">https://www.greenyourroute.com/escs-2019</a>	Link	140
29 July 2019	Euro VI trucks are compliant with legislative emissions limits <a href="https://www.greenyourroute.com/euro-vi-trucks-are-compliant-with-l">https://www.greenyourroute.com/euro-vi-trucks-are-compliant-with-l</a>	Link	116
29 July 2019	Road safety: European Commission sets out next steps towards "Vision Zero" including key performance indicators <a href="https://www.greenyourroute.com/road-safety-european-commission-se">https://www.greenyourroute.com/road-safety-european-commission-se</a>	Link	101
29 July 2019	Transport and Logistics 2019: International Fair for Transport and Logistics <a href="https://www.greenyourroute.com/transport-and-logistics-2019">https://www.greenyourroute.com/transport-and-logistics-2019</a>	Link	144
22 August 2019	Horizon 2020 Transport info day The 2019 Horizon Transport info day will take place on Monday, 7 October 2019 from 09:30 to 15:00 CET in Brussels. The event will present upcoming funding opportunities of approximately €356 million under the Mobility for Growth (MG), Automated Road Transport (ART), Green Vehicles (GV), and Next Generation Batteries (BAT) calls. <a href="https://www.greenyourroute.com/horizon-2020-transport-info-day">https://www.greenyourroute.com/horizon-2020-transport-info-day</a>	Link	129
22 August 2019	Two EU-funded projects conclude their work on urban freight distribution The first of these projects is the Horizon 2020 project called "Buyzet". This developed zero-emission procurement plans for each of the consortium's cities. The second project, which has also recently concluded its activities, is SULPiTER (supported by Interreg's Central Europe Programme). The project examined logistics and transport in seven European cities in order to identify best practices in the field of urban goods distribution. <a href="https://www.greenyourroute.com/two-eu-funded-projects-conclude-the">https://www.greenyourroute.com/two-eu-funded-projects-conclude-the</a>	Link	91

Published	Post	Type	Reached
22 August 2019	Greener lorries thanks to CEF support CEF Transport is seeking to mitigate the negative environmental impact of road transport by promoting, through its grants, the shift to alternatives fuels for road (be it for freight or for passenger transport). <a href="https://www.greenyourroute.com/greener-lorries-thanks-to-cef-suppo">https://www.greenyourroute.com/greener-lorries-thanks-to-cef-suppo</a>	Link	74
05 November 2019	New report finds major analytics gap for 3PLs and shippers <a href="https://www.greenyourroute.com/new-report-finds-major-analytics">https://www.greenyourroute.com/new-report-finds-major-analytics</a>	Link	96
09 January 2020	Doing last-mile logistics correctly leads to repeat business and loyal customers, but final-mile processes involve more than just a truck and driver. <a href="https://www.greenyourroute.com/optimizing-the-last-mile">https://www.greenyourroute.com/optimizing-the-last-mile</a>	Link	34
14 January 2020	GO SUMP Policy briefs The objective of this document is to provide final policy recommendations based on the urban mobility measures and strategies developed by the modular projects within the Interreg MED urban transport community. <a href="https://www.greenyourroute.com/go-sump-policy-briefs">https://www.greenyourroute.com/go-sump-policy-briefs</a>	Link	55
16 January 2020	Top 10 Supply Chain and Logistics Technology Trends in 2020 Companies within the logistics and supply chain sphere must continue getting ready for all of these bigger changes with innovations. <a href="https://www.greenyourroute.com/top-10-supply-chain-and-logistics-t">https://www.greenyourroute.com/top-10-supply-chain-and-logistics-t</a>	Link	67
21 January 2020	EU supports projects for cleaner air EU-funded projects provide a better knowledge base and innovative, market-oriented solutions to tackle the air quality problem from different angles. <a href="https://www.greenyourroute.com/eu-supports-projects-for-cleaner-ai">https://www.greenyourroute.com/eu-supports-projects-for-cleaner-ai</a>	Link	60
21 January 2020	LIFE PlanUp conference - EU Green Deal and NECPs Following the launch of the European Green Deal, this LIFE PlanUp conference will discuss the progress made towards the EU's mid- and long-term climate and energy objectives. It will also take stock of the preparation of National Energy and Climate Plans (NECPs) across EU Member States. <a href="https://www.greenyourroute.com/life-planup-conference-eu-green-dea">https://www.greenyourroute.com/life-planup-conference-eu-green-dea</a>	Link	54
23 January 2020	A European Green Deal The European Commission presented the European Green Deal, the most ambitious package of measures that should enable European citizens and businesses to benefit from sustainable green transition. <a href="https://www.greenyourroute.com/a-european-green-deal">https://www.greenyourroute.com/a-european-green-deal</a>	Link	73

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23 January 2020	Save the date - EU LIFE information and networking day The European Commission is organising an information and networking day on the 2020 LIFE call for project proposals. <a href="https://www.greenyourroute.com/save-the-date-eu-life-information-a">https://www.greenyourroute.com/save-the-date-eu-life-information-a</a>	Link	85
28 January 2020	Skiathos, Greece, ESCC 2020: 7th International Conference on Energy, Sustainability and Climate Change We are pleased to announce you the "7th International Conference on Energy, Sustainability and Climate Change", ESCC 2020. It will take place on Skiathos Island, Greece, on June 1-3, 2020. <a href="https://www.greenyourroute.com/escc-2020">https://www.greenyourroute.com/escc-2020</a>	Link	117
03 February 2020	Energy Days 2020 Energy Days are events taking place across Europe that promote clean energy and energy efficiency. They are held between May and June 2020. <a href="https://www.greenyourroute.com/energy-days-2020">https://www.greenyourroute.com/energy-days-2020</a>	Link	80
04 February 2020	Μια Ευρωπαϊκή Πράσινη Συμφωνία Η μεγαλύτερη πρόκληση και ευκαιρία της εποχής μας είναι να γίνουμε η πρώτη κλιματικά ουδέτερη ήπειρος στον κόσμο μέχρι το 2050. <a href="https://www.greenyourroute.com/mia-evropaiki-prasini-simfonia">https://www.greenyourroute.com/mia-evropaiki-prasini-simfonia</a>	Link	91
04 February 2020	EU promotes digitalisation of freight transport information In December 2019, the ambassadors of the EU's Member States approved a proposal to make it easier for freight operators to provide information to public authorities in digital form. <a href="https://www.greenyourroute.com/eu-promotes-digitalisation-of-freig">https://www.greenyourroute.com/eu-promotes-digitalisation-of-freig</a>	Link	91
06 February 2020	Participation levels in 2019 EUROPEAN MOBILITY WEEK revealed EUROPEANMOBILITYWEEK 2019 exceeded all expectations and the 2019 Participation report published in December 2019 found it to be the most successful year, yet. <a href="https://www.greenyourroute.com/participation-levels-in-2019-europe">https://www.greenyourroute.com/participation-levels-in-2019-europe</a>	Link	87
17 March 2020	EU urges members to allow freight despite virus controls and presents guidelines for border measures to protect health and keep goods and essential services available. <a href="https://www.greenyourroute.com/commission-presents-guidelines-for-">https://www.greenyourroute.com/commission-presents-guidelines-for-</a>	Link	53
31 March 2020	Πόσο έχουν πληγεί οι μεταφορικές εταιρείες και η εφοδιαστική από τον κορωνοϊό; Το Ελληνο-Αμερικανικό Εμπορικό Επιμελητήριο, παρακολουθώντας τις εξελίξεις και ευρισκόμενο σε διάλογο και συνεννόηση με την επιχειρηματική κοινότητα προχώρησε στη διεξαγωγή έρευνας για τις επιπτώσεις του COVID-19 το διάστημα 16/3/2020 έως 20/3/2020. <a href="https://www.greenyourroute.com/metaforikes-etairies-koronoios">https://www.greenyourroute.com/metaforikes-etairies-koronoios</a>	Link	112

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31 March 2020	The European Commission's response to the COVID-19 pandemic prioritises keeping citizens healthy. This includes keeping essential transport moving, for example to transport medical supplies and other essential goods. <a href="https://www.greenyourroute.com/coronavirus-response-transport-meas">https://www.greenyourroute.com/coronavirus-response-transport-meas</a>	Link	88
14 April 2020	Make your green idea a reality! The European Commission has launched its 2020 call for project proposals under the LIFE programme. Measures have been taken to make it easier for applicants to apply in times of coronavirus restrictions including extended deadlines. <a href="https://www.greenyourroute.com/make-your-green-idea-a-reality">https://www.greenyourroute.com/make-your-green-idea-a-reality</a>	Link	75
13 May 2020	Why COVID-19 should not stop your green ambitions. Angelo Salsi - Head of Unit of the LIFE Programme at EASME - recently spoke about the new look 2020 LIFE call for project proposals. <a href="https://www.greenyourroute.com/why-covid-19-should-not-stop-your-g">https://www.greenyourroute.com/why-covid-19-should-not-stop-your-g</a>	Link	96
01 July 2020	Compared to previous years, fewer people lost their lives on EU roads in 2019, according to preliminary figures published by the European Commission. <a href="https://www.greenyourroute.com/road-safety-europe">https://www.greenyourroute.com/road-safety-europe</a>	Link	89
01 July 2020	The European Commission has selected the 15 finalists for this year's LIFE Awards that will take place in the autumn. <a href="https://www.greenyourroute.com/2020-life-awards-finalists-announce">https://www.greenyourroute.com/2020-life-awards-finalists-announce</a>	Link	120
02 July 2020	The Commission launched a public consultation on the future of transport to allow both stakeholders and citizens to comment and identify their priorities. <a href="https://www.greenyourroute.com/the-future-of-transport">https://www.greenyourroute.com/the-future-of-transport</a>	Link	86
09 July 2020	New EU rules on road transport aim to end distortion of competition in the sector while providing better working conditions for drivers. <a href="https://www.greenyourroute.com/better-working-conditions-truck-dri">https://www.greenyourroute.com/better-working-conditions-truck-dri</a>	Link	110
10 July 2020	Six European cities to experiment with 'digital twins' for urban logistics <a href="https://www.greenyourroute.com/six-european-cities-to-experiment">https://www.greenyourroute.com/six-european-cities-to-experiment</a>	Link	110
14 July 2020	The yearly 'EU energy in figures statistical pocketbook' provides an annual overview of energy-related statistics in the EU and in individual EU countries. <a href="https://www.greenyourroute.com/eu-energy-statistical-pocketbook">https://www.greenyourroute.com/eu-energy-statistical-pocketbook</a>	Link	130

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15 July 2020	International Transport Forum launches new database to help tackle climate change A new database has been launched by the ITF (International Transport Forum) which documents transportation policies aimed at reducing CO2 emissions that have been implemented around the world and reveals their costs, benefits and effectiveness. <a href="https://www.greenyourroute.com/international-transport-forum-datab">https://www.greenyourroute.com/international-transport-forum-datab</a>	Link	203
16 July 2020	City e-truck charging can cut road freight emissions by a fifth - study The EU could slash truck carbon pollution by over a fifth (22%) in a decade by requiring its main cities to have electric truck charging infrastructure. <a href="https://www.greenyourroute.com/citye-truckcharging-can-cut-road-fr">https://www.greenyourroute.com/citye-truckcharging-can-cut-road-fr</a>	Link	192
21 July 2020	Η θέσπιση νέων κανόνων για τις οδικές μεταφορές θα θέσουν τέλος στη στρέβλωση του ανταγωνισμού στον τομέα, διασφαλίζοντας καλύτερες συνθήκες εργασίας στους οδηγούς <a href="https://www.greenyourroute.com/kalyteres-sinthikes-ergasias-gia-od">https://www.greenyourroute.com/kalyteres-sinthikes-ergasias-gia-od</a>	Link	118
22 July 2020	The first-ever digital edition of the EU Sustainable Energy Week (EUSEW) drew more than 6000 participants from 120 countries across the world. <a href="https://www.greenyourroute.com/2020-energy-efficiency-at-the-eu-su">https://www.greenyourroute.com/2020-energy-efficiency-at-the-eu-su</a>	Link	93
23 July 2020	Coronavirus: EU funding for the transport of medical goods, medical teams and patients European Union countries can now apply for additional funding via the Emergency Support Instrument to transport essential goods, medical teams and patients affected by the coronavirus. <a href="https://www.greenyourroute.com/coronavirus-eu-funding-for-the-tran">https://www.greenyourroute.com/coronavirus-eu-funding-for-the-tran</a>	Link	99
29 July 2020	Boosting the EU's Green Recovery: EU invests over €2 billion in 140 key transport projects to jump-start the economy <a href="https://www.greenyourroute.com/infrastructure-ten-t-connecting-eur">https://www.greenyourroute.com/infrastructure-ten-t-connecting-eur</a>	Link	89
29 July 2020	European Green Deal call The Green Deal call aims to support with €1 billion research and innovation projects on its main priorities. <a href="https://www.greenyourroute.com/european-green-deal-call">https://www.greenyourroute.com/european-green-deal-call</a>	Link	46
30 July 2020	More than 1,500 ideas for new LIFE projects The latest calls for “traditional” projects in LIFE’s environment sub-programme closed between 14 and 16 July 2020. More than 1,500 concept notes were submitted from across the EU. <a href="https://www.greenyourroute.com/more-than-1500-ideas-for-new-life-p">https://www.greenyourroute.com/more-than-1500-ideas-for-new-life-p</a>	Link	87

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04 August 2020	European Research and Innovation Days are taking place on 22-24 September 2020. <a href="https://www.greenyourroute.com/european-research-and-innovation-da">https://www.greenyourroute.com/european-research-and-innovation-da</a>	Link	97
05 August 2020	Διανύοντας μια χρονιά γεμάτη προκλήσεις για τον κλάδο, τα Supply Chain Awards 2020, για 5η χρονιά, πρόκειται να αναδείξουν τους κορυφαίους της Εφοδιαστικής Αλυσίδας, των Logistics και των Μεταφορών. <a href="https://www.greenyourroute.com/supply-chain-awards-2020">https://www.greenyourroute.com/supply-chain-awards-2020</a>	Link	115
06 August 2020	Πράσινες μεταφορές: Νέο πλαίσιο, έξυπνες λύσεις και παραδείγματα Καινοτομίας <a href="https://www.greenyourroute.com/prasines-metafores-neo-plaisio-exip">https://www.greenyourroute.com/prasines-metafores-neo-plaisio-exip</a>	Link	125
18 August 2020	EU Green Week 2020 is scheduled for 19-22 October 2020, on the theme of nature and biodiversity. <a href="https://www.greenyourroute.com/eu-green-week-2020">https://www.greenyourroute.com/eu-green-week-2020</a>	Link	88
19 August 2020	The European Road Safety Summer School is an opportunity to learn about an integrated approach to road safety, based on good examples from European countries. <a href="https://www.greenyourroute.com/european-road-safety-summer-2020">https://www.greenyourroute.com/european-road-safety-summer-2020</a>	Link	74
20 August 2020	The Association for European Transport is hosting the 48th European Transport Conference in Milan in September. <a href="https://www.greenyourroute.com/european-transport-conference-2020">https://www.greenyourroute.com/european-transport-conference-2020</a>	Link	78
28 August 2020	Stay alive and save lives! Everyone can make small changes in their behaviour to make our roads safer. <a href="https://www.greenyourroute.com/roadpol-safety-days-everyone-can-he">https://www.greenyourroute.com/roadpol-safety-days-everyone-can-he</a>	Link	93
28 August 2020	From public transport operators to new mobility players, what's the best approach for transport providers to take when it comes to trying to meet the skyrocketing expectations of customers? <a href="https://www.greenyourroute.com/webinar-paving-the-way-for-service">https://www.greenyourroute.com/webinar-paving-the-way-for-service</a>	Link	86
01 September 2020	The registration for Urban Mobility Days 2020, the European Commission's first large-scale digital urban mobility conference, is now open! The conference takes place from 29 September - 2 October 2020. <a href="https://www.greenyourroute.com/dont-miss-out-on-urban-mobility-day">https://www.greenyourroute.com/dont-miss-out-on-urban-mobility-day</a>	Link	67
02 September 2020	Με 15 χρόνια παρουσία στον χώρο της εφοδιαστικής αλυσίδας και των Logistics, τα πολύ-συνέδρια LOGI.C επιστρέφουν το 2020, στην 12η διοργάνωσή τους σε Αθήνα και Θεσσαλονίκη. <a href="https://www.greenyourroute.com/logi-c-2020">https://www.greenyourroute.com/logi-c-2020</a>	Link	81



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03 September 2020	The Spanish Ministry of Transport, Mobility and the Urban Agenda (MITMA) is in the process of developing a new transport strategy, a "Strategy for Safe, Sustainable and Connected Mobility". Its vision is to "see mobility as a right, an element that helps to create social cohesion and economic growth". <a href="https://www.greenyourroute.com/spain-opens-a-participation-process">https://www.greenyourroute.com/spain-opens-a-participation-process</a>	Link	85
03 September 2020	The European Passengers' Federation (EPF) is partnering with the European Institute of Innovation and Technology (EIT) Urban Mobility on the DecediUM project. The aim is to gather information on the best practices for public and stakeholder engagement regarding urban mobility. <a href="https://www.greenyourroute.com/urban-mobility-best-practices-for-p">https://www.greenyourroute.com/urban-mobility-best-practices-for-p</a>	Link	55
08 September 2020	European Commissioner for Transport Adina Valean, in cooperation with the German Presidency of the Council of the European Union, has the pleasure to announce that Digital Transport Days 2020 will be held this year on 18 November in digital format. <a href="https://www.greenyourroute.com/digital-transport-days-2020">https://www.greenyourroute.com/digital-transport-days-2020</a>	Link	80
09 September 2020	The LIFE Awards, now in their 14th year, recognise the most innovative, inspirational and effective LIFE projects. <a href="https://www.greenyourroute.com/2020-life-awards-ceremony">https://www.greenyourroute.com/2020-life-awards-ceremony</a>	Link	86
14 September 2020	European Commission seeks views on Horizon Europe First Strategic Plan 2021-2024. The deadline for submissions is Friday, 18 September 2020. <a href="https://www.greenyourroute.com/european-commission-seeks-views-on">https://www.greenyourroute.com/european-commission-seeks-views-on</a>	Link	59
14 September 2020	Since 2002, EUROPEANMOBILITYWEEK has sought to improve public health and quality of life through promoting clean mobility and sustainable urban transport. <a href="https://www.greenyourroute.com/european-mobility-week">https://www.greenyourroute.com/european-mobility-week</a>	Link	64
15 September 2020	The continuing requirement for better urban transport systems and the need for a healthier environment has added to the increasing success of this annual meeting which attracts international delegates from many different countries. <a href="https://www.greenyourroute.com/urban-transport-2020">https://www.greenyourroute.com/urban-transport-2020</a>	Link	44
16 September 2020	The city of Graz trials CO2-free postal delivery The project is a 3-month trial and potentially serves as a blueprint for the future of postal deliveries in conurbations. <a href="https://www.greenyourroute.com/the-city-of-graz-trials-co2-free-po">https://www.greenyourroute.com/the-city-of-graz-trials-co2-free-po</a>	Link	63

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17 September 2020	The latest “EU Energy in Figures” energy statistical pocketbook (2020 version) provides energy statistics for all EU countries and the EU as a whole. <a href="https://www.greenyourroute.com/eu-energy-in-figures-key-eu-energy">https://www.greenyourroute.com/eu-energy-in-figures-key-eu-energy</a>	Link	49
22 September 2020	Once again, the LIFE programme will take part in Ecomondo, the annual trade fair for the green and circular economy. The expo will take place in Rimini, Italy, from 3 to 6 November 2020. <a href="https://www.greenyourroute.com/life-at-ecomondo-2020-eu-funding-fo">https://www.greenyourroute.com/life-at-ecomondo-2020-eu-funding-fo</a>	Link	56
23 September 2020	The ZEUS project aims to show that urban goods can be delivered in off-peak hours in a quiet, efficient, and environmentally friendly way. <a href="https://www.greenyourroute.com/quiet-and-clean-deliveries-to-city">https://www.greenyourroute.com/quiet-and-clean-deliveries-to-city</a>	Link	75
24 September 2020	Through the re-localisation of logistics activities and the re-configuration of freight flows at different scales, ULaaDS project aims to develop sustainable and liveable cities, allowing people and local businesses to easily use alternative modes of shopping and delivery. <a href="https://www.greenyourroute.com/new-eu-project-ulaads-set-build-vis">https://www.greenyourroute.com/new-eu-project-ulaads-set-build-vis</a>	Link	62
29 September 2020	EU climate law: MEPs want to increase emission reductions target to 60% by 2030 Environment Committee MEPs voted to make climate neutrality obligatory by 2050 in both EU and member states and call for a more ambitious 2030 emissions reduction target. <a href="https://www.greenyourroute.com/eu-climate-law-meps-want-to-increas">https://www.greenyourroute.com/eu-climate-law-meps-want-to-increas</a>	Link	60
02 October 2020	Converting heavy-duty vehicles to use liquefied natural gas (LNG) or liquefied biogas (LBG) cuts carbon dioxide, nitrogen dioxide, particulate and noise emissions from transport significantly. <a href="https://www.greenyourroute.com/bringing-cleaner-fuels-to-heavy-dut">https://www.greenyourroute.com/bringing-cleaner-fuels-to-heavy-dut</a>	Link	76
06 October 2020	In Madrid (Spain), the future of urban freight is starting to look a little bit greener. A prototype of a 12-tonne electric cargo vehicle has been created whose design is tailored to suit the urban freight conditions in the Spanish capital. <a href="https://www.greenyourroute.com/new-electric-freight-truck-helping">https://www.greenyourroute.com/new-electric-freight-truck-helping</a>	Link	70
07 October 2020	Driving cleaner transport with the Eurovignette With the revision of the Eurovignette Directive on road user charges the subject of intense debate in the European Council, IRU has written an open letter to senior EU officials urging them to consider a well-to-wheel approach in the new text. <a href="https://www.greenyourroute.com/drivingcleaner-transport-with-the-e">https://www.greenyourroute.com/drivingcleaner-transport-with-the-e</a>	Link	62

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08 October 2020	“Ναι” στην αναθεώρηση της Ευρωβινιέτας, αλλά υπό προϋποθέσεις. Επιστολή της IRU στους υπουργούς της ΕΕ. <a href="https://www.greenyourroute.com/nai-stin-anatheorisi-tis-euroviniet">https://www.greenyourroute.com/nai-stin-anatheorisi-tis-euroviniet</a>	Link	66
13 October 2020	Five ways last-mile logistics can be systematically transformed <a href="https://www.greenyourroute.com/five-ways-we-can-systemically-trans">https://www.greenyourroute.com/five-ways-we-can-systemically-trans</a>	Link	63
14 October 2020	Ευκαιρίες και προκλήσεις για τις εξαγωγές στην εποχή της Covid-19 Ψηφιακή συζήτηση με σκοπό την κατανόηση των ανατροπών στο διεθνές εμπόριο, μέσα στην πανδημία, αλλά και τις ευκαιρίες που αναδύονται για τις ελληνικές επιχειρήσεις, διοργάνωσε ο ΣΕΒ στα τέλη του Σεπτεμβρίου. <a href="https://www.greenyourroute.com/efkairies-kai-prokliseis-gia-tis-ex">https://www.greenyourroute.com/efkairies-kai-prokliseis-gia-tis-ex</a>	Link	63
15 October 2020	Η Ελληνική Στατιστική Αρχή ανακοίνωσε τα αποτελέσματα της έρευνας οδικών εμπορευματικών μεταφορών για το πρώτο τρίμηνο του 2020. <a href="https://www.greenyourroute.com/deltio-tyrou-odikas-emporeumatikes">https://www.greenyourroute.com/deltio-tyrou-odikas-emporeumatikes</a>	Link	60
20 October 2020	Το ποταμόπλοιο είναι ένας γρήγορος, αποτελεσματικός και αξιόπιστος τρόπος αξιοποίησης μιας ανεκμετάλλευτης διαδρομής πρόσβασης στο Λονδίνο και αποτελεί μία πρωτοβουλία της DHL στις οποίες επενδύει με στόχο τις μηδενικές εκπομπές το 2050. <a href="https://www.greenyourroute.com/paradoseis-dematwn-potamoplilo-sto-l">https://www.greenyourroute.com/paradoseis-dematwn-potamoplilo-sto-l</a>	Link	47
21 October 2020	Διόδια : Ενιαίος πομποδέκτης στους αυτοκινητόδρομους από 4 Νοεμβρίου <a href="https://www.greenyourroute.com/diodia-eniaios-pompodektis-stous-au">https://www.greenyourroute.com/diodia-eniaios-pompodektis-stous-au</a>	Link	58
22 October 2020	The September issue of TRIMIS Digest is now available, featuring a selection of short articles discussing efficient and sustainable urban freight transport. <a href="https://www.greenyourroute.com/trimis-digest-sustainable-freight-t">https://www.greenyourroute.com/trimis-digest-sustainable-freight-t</a>	Link	44
03 November 2020	The EU’s LIFE programme has announced the winners of the 2020 LIFE Awards. <a href="https://www.greenyourroute.com/eu-reveals-exceptional-nature-envir">https://www.greenyourroute.com/eu-reveals-exceptional-nature-envir</a>	Link	61
03 November 2020	Representatives from the road, air, maritime, rail, and manufacturing in both passenger mobility and logistics sectors call on European decision makers to adopt an EU framework on the governance of business-to-business (B2B) data that ensures a level playing field for all partners in the digital economy. <a href="https://www.greenyourroute.com/transport-sector-calls-for-an-eu-fr">https://www.greenyourroute.com/transport-sector-calls-for-an-eu-fr</a>	Link	75

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03 November 2020	The newly released CO2 Green report 2019 is available. It describes the needs and high level requirements of in situ measurements to help establish an operational Monitoring & Verification Support capacity to quantify anthropo-genic CO2 emissions. <a href="https://www.greenyourroute.com/new-co2-green-report-2019-published">https://www.greenyourroute.com/new-co2-green-report-2019-published</a>	Link	42
04 November 2020	Driving the future of data: a global challenge for road transport <a href="https://www.greenyourroute.com/driving-the-future-of-data-a-global">https://www.greenyourroute.com/driving-the-future-of-data-a-global</a>	Link	53
10 November 2020	The objective of the Urban Transitions 2020 is to promote healthy urban development by bringing together different sectors and disciplines working within cities and presenting the state of the art research and providing solutions to and future healthy visions of our cities. <a href="https://www.greenyourroute.com/urban-transitions-2020">https://www.greenyourroute.com/urban-transitions-2020</a>	Link	68
11 November 2020	The EU Urban Road Safety Award recognises the progress local authorities have made towards improving the safety of European roads. The deadline to apply for the EU Urban Road Safety Award has been extended to 20 November 2020, 24:00 (CET). <a href="https://www.greenyourroute.com/eu-urban-road-safety-award">https://www.greenyourroute.com/eu-urban-road-safety-award</a>	Link	54
18 November 2020	Την Παρασκευή 20 Νοεμβρίου 2020 και ώρα 13.00 – 16.30 θα διεξαχθεί η διαδικτυακή ημερίδα της OPTILOG Advisory Services με τίτλο “Handling peak season challenges in e-commerce logistics via automation and information systems”. <a href="https://www.greenyourroute.com/webinar-optilog-advisory">https://www.greenyourroute.com/webinar-optilog-advisory</a>	Link	49
24 November 2020	The city of Varna presented at the end of October its CCCB pilot, which aims to gradually establish cargo bikes as the main type of transport to provide services in the city centre. <a href="https://www.greenyourroute.com/cargo-bike-pilot-project-varna">https://www.greenyourroute.com/cargo-bike-pilot-project-varna</a>	Link	74
30 November 2020	IRU, in partnership with the European Shippers’ Council and the European Transport Workers’ Federation, is launching a charter for better treatment of drivers at loading and unloading sites. <a href="https://www.greenyourroute.com/iru-joins-forces-with-shippers">https://www.greenyourroute.com/iru-joins-forces-with-shippers</a>	Link	62
09 December 2020	The European Commission presented the ‘Sustainable and Smart Mobility Strategy’ together with an Action Plan of 82 initiatives that will guide its work for the next four years. This strategy lays the foundation for how the EU transport system can achieve its green and digital transformation and become more resilient to future crises. <a href="https://www.greenyourroute.com/mobility-strategy">https://www.greenyourroute.com/mobility-strategy</a>	Link	62

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15 December 2020	The European Commission welcomes the provisional agreement on electronic freight transport information reached on November 26th, 2020 between European Parliament and the Council. The agreement will reduce the administrative burden on the transport sector and ease digital information flows, making freight transport more efficient and sustainable. <a href="https://www.greenyourroute.com/provisional-agreement-on-electronic">https://www.greenyourroute.com/provisional-agreement-on-electronic</a>	Link	61
04 January 2021	Η ΕΕ αναθεωρεί τους κανόνες για τα τέλη χρήσης του οδικού δικτύου (οδηγία για την ευρωβινιέτα) ώστε να μειώσει τις εκπομπές αερίων του θερμοκηπίου, να αντιμετωπίσει άλλες περιβαλλοντικές επιπτώσεις και την κυκλοφοριακή συμφόρηση και να φροντίσει για τη χρηματοδότηση των οδικών υποδομών. <a href="https://www.greenyourroute.com/metarrythmisi-kanonon-telon-xrissi">https://www.greenyourroute.com/metarrythmisi-kanonon-telon-xrissi</a>	Link	75
04 January 2021	The EU is revising its road charging rules (Eurovignette directive) to address greenhouse gas emissions and other environmental impacts, congestion and road infrastructure financing. The member states' ambassadors agreed on a negotiating mandate for the reform, which will include a new system of varying charges for heavy-duty vehicles based on CO2 emissions. The new scheme will promote the entry into the market of vehicles with lower emissions and help combat climate change in line with the European Green Deal. <a href="https://www.greenyourroute.com/road-charging-reform">https://www.greenyourroute.com/road-charging-reform</a>	Link	32
13 January 2021	This Eurelectric high-level event will strengthen political and industrial momentum for accelerating electric mobility and will explore EV market trends and sustainable growth acceleration strategies. The event will take place online on 2-3 February 2021. <a href="https://www.greenyourroute.com/evision">https://www.greenyourroute.com/evision</a>	Link	49
18 January 2021	On 1 January 2021, the Greater Lyon metropolitan area in France introduced tighter restrictions for its Low Emission Zone. It currently affects only heavy goods vehicles and vans that do not meet the specified emission limit values. <a href="https://www.greenyourroute.com/lyon-tightens-low-emission-zones">https://www.greenyourroute.com/lyon-tightens-low-emission-zones</a>	Link	67
25 January 2021	The Italian Ministry of Infrastructure and Transport has published guidance for cities on taking an integrated approach to urban logistics. The document, entitled "Urban logistics in an integrated vision ", deals with the issue of the movement of goods in cities which, with the increase in e-commerce that sprang up following the Covid-19 epidemic, is taking on completely different profiles compared to a few years ago. <a href="https://www.greenyourroute.com/italy-urban-logistics-vision">https://www.greenyourroute.com/italy-urban-logistics-vision</a>	Link	55

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26 January 2021	<p>Publicato il documento 'La logistica urbana in una visione integrata' Primo passo per comprendere le sfide dei decisori politici centrali e locali</p> <p><a href="https://www.greenyourroute.com/logistica-urbana-visione-integrata">https://www.greenyourroute.com/logistica-urbana-visione-integrata</a></p>	Link	35
01 February 2021	<p>The day has come and GreenYourRoute project team will be present! "8th International Conference on Energy, Sustainability and Climate Change" Volos, Greece, ESCC 2021</p> <p><a href="https://www.greenyourroute.com/esc2021">https://www.greenyourroute.com/esc2021</a></p>	Link	55
08 February 2021	<p>From 23 to 26 February, 41 EASME projects will take part in the virtual exhibition of the EU Industry Days and have the opportunity to interact with many stakeholders as industry, policy makers, EU SMEs and find potential synergies.</p> <p><a href="https://www.greenyourroute.com/eu-industry-days-2021">https://www.greenyourroute.com/eu-industry-days-2021</a></p>	Link	40
12 February 2021	<p>At the end of 2020, the City of Tallinn announced a Call for Tender of "Adaptive traffic management pre-feasibility study in City of Tallinn" and successfully awarded the consortium CIVITTA Eesti AS &amp; STRATUM OÜ as a winner. The pre-feasibility study will be looking into how to implement adaptive traffic management in Tallinn - it has a significant potential (estimated 5-15%) to make traffic smoother via increased flows, and thus significantly reduce congestion.</p> <p><a href="https://www.greenyourroute.com/adaptive-traffic-management">https://www.greenyourroute.com/adaptive-traffic-management</a></p>	Link	60
16 February 2021	<p>IRU has renewed calls to promote the use of Eco-trucks to boost transport decarbonisation, including harmonising rules for cross-border operations. This simple and cost effective measure could cut CO2 emissions by more than 13 billion tonnes between now and 2050.</p> <p><a href="https://www.greenyourroute.com/eco-truck-decarbonisation">https://www.greenyourroute.com/eco-truck-decarbonisation</a></p>	Link	50
23 February 2021	<p>An open public consultation has just been launched accompanying the Impact Assessment for the revision of the TEN-T Regulation. <a href="https://www.greenyourroute.com/public-consultation-ten-t">https://www.greenyourroute.com/public-consultation-ten-t</a></p>	Link	56
3 March 2021	<p>Hamburg is now home to another piece of innovative logistics. On the 18 January 2021, a new micro depot located close to the Old Town area started a service for last-mile deliveries by cargo bike. <a href="https://www.greenyourroute.com/micro-depot-hamburg">https://www.greenyourroute.com/micro-depot-hamburg</a></p>	Link	52

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10 March 2021	Η καταξιωμένη και καθιερωμένη ανά διετία διεθνή έκθεση για την Εφοδιαστική Αλυσίδα, τα Logistics, τις Εμπορευματικές Μεταφορές, τις Τεχνολογίες Πληροφορικής, των Αυτοματισμών και των Επαγγελματικών Οχημάτων «ΕΦΟΔΙΑΣΤΙΚΗ ΑΛΥΣΙΔΑ & LOGISTICS» - «CARGO TRUCK & VAN EXPO», επιστρέφει σε μια μεγάλη διοργάνωση τον Οκτώβριο του 2021, στο εκθεσιακό κέντρο Metropolitan Expo, στην Αθήνα. <a href="https://www.greenyourroute.com/supply-chain-expo">https://www.greenyourroute.com/supply-chain-expo</a>	Link	53
19 March 2021	The real-world fuel and energy consumption of new cars and vans will be collected as of 2021 under a new Implementing Regulation adopted by the Commission. This data will make it possible to monitor the gap between type approval and actual CO2 emissions, and will provide a better understanding of how vehicles perform under real-world driving conditions. <a href="https://www.greenyourroute.com/collecting-emissions-consumption">https://www.greenyourroute.com/collecting-emissions-consumption</a>	Link	67
26 March 2021	Η Διεθνής Ένωση Οδικών Μεταφορών IRU απονέμει τιμητική διάκριση με τίτλο «IRU Award for Top Road Transport Managers», στα κορυφαία στελέχη επιχειρήσεων οδικών μεταφορών που συμβάλλουν στην ανάπτυξη του κλάδου, μέσα από την ευρεία επαγγελματική τους εμπειρία και τα ιδιαίτερα διοικητικά τους επιτεύγματα. <a href="https://www.greenyourroute.com/iru-award">https://www.greenyourroute.com/iru-award</a>	Link	66
2 April 2021	Measuring CO2 emissions from commercial road transport only at the tailpipe, depending on the region, could double the true carbon picture in future fuel scenarios. <a href="https://www.greenyourroute.com/flawed-emissions-policy">https://www.greenyourroute.com/flawed-emissions-policy</a>	Link	47
9 April 2021	Από την 1η Απριλίου 2021, ο Εκτελεστικός Οργανισμός Καινοτομίας και Δικτύων (INEA) αντικαταστάθηκε από τον νέο Ευρωπαϊκό Εκτελεστικό Οργανισμό για το Κλίμα, τις Υποδομές και το Περιβάλλον (CINEA). <a href="https://www.greenyourroute.com/inea-to-cinea">https://www.greenyourroute.com/inea-to-cinea</a>	Link	44
17 April 2021	The European Road Safety Charter, led by the European Commission, has now been relaunched. The Charter is a vital element in European efforts to wake people up to the importance of road safety. It offers a fantastic, 3,500-strong network, and mobilises public and private entities as well as civil society in all EU countries and beyond. <a href="https://www.greenyourroute.com/road-safety-charter">https://www.greenyourroute.com/road-safety-charter</a>	Link	53
25 April 2021	As part of a UN Task Force established in April 2020, experts have developed a set of key recommendations that Member States can implement to support a recovery towards a green and healthy transport and mobility system. <a href="https://www.greenyourroute.com/un-task-force-covid-recovery">https://www.greenyourroute.com/un-task-force-covid-recovery</a>	Link	70

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7 May 2021	The Council's and the European Parliament's negotiators reached a provisional political agreement setting into law the objective of a climate-neutral EU by 2050, and a collective, net greenhouse gas emissions reduction target (emissions after deduction of removals) of at least 55% by 2030 compared to 1990. <a href="https://www.greenyourroute.com/provisional-agreement-europe">https://www.greenyourroute.com/provisional-agreement-europe</a>	Link	51
15 May 2021	Through a new partnership with Upply, the digital marketplace dedicated to road transport and supply chain professionals, IRU, the world road transport organisation, is providing its members with pricing information to help them make the best possible business decisions. <a href="https://www.greenyourroute.com/iru-upply-transport-pricing">https://www.greenyourroute.com/iru-upply-transport-pricing</a>	Link	57
20 May 2021	The LIFE Cyclamen Team, together with the Cyprus Employers & Industrialists Federation (OEB), is organising an online two-day Info Event titled "LIFE and SMEs". LIFE GreenYourRoute will be there! <a href="https://www.greenyourroute.com/life-two-day-event">https://www.greenyourroute.com/life-two-day-event</a>	Link	39
20 May 2021	Η ομάδα του Έργου LIFE Cyclamen διοργανώνει, σε συνεργασία με την Ομοσπονδία Εργοδοτών και Βιομηχάνων (ΟΕΒ), διαδικτυακή Ενημερωτική Δημερίδα με τίτλο «LIFE και Μικρομεσαίες Επιχειρήσεις». Το έργο LIFE GreenYourRoute θα βρίσκεται εκεί. <a href="https://www.greenyourroute.com/life-two-days-event-gr">https://www.greenyourroute.com/life-two-days-event-gr</a>	Link	54
30 May 2021	IRU, the world transport organisation, has launched a Green Compact for collective global action to achieve carbon neutrality in commercial road transport services by 2050. <a href="https://www.greenyourroute.com/road-transport-carbon-neutrality">https://www.greenyourroute.com/road-transport-carbon-neutrality</a>	Link	76
6 June 2021	At the EU Green Week, Europe's biggest environmental event, the winners of the 2021 LIFE Awards were announced by the EU's LIFE programme. This year's Awards honoured winners in three different categories from the Slovak Republic (Nature), Spain (Environment), and France (Climate Action). The public also voted for their favourite project in the Citizen's Award, and the work and dedication of young volunteers were recognised in the LIFE4Youth Award. <a href="https://www.greenyourroute.com/life-programme-awards-2021">https://www.greenyourroute.com/life-programme-awards-2021</a>	Link	72



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16 June 2021	Cities across Europe are striving for climate neutrality. And with a growing awareness of the role of transport in our emissions, leaders from cities across Europe are more committed than ever to share their best practices and make sure climate neutrality can be 'mission possible'. <a href="https://www.greenyourroute.com/eurocities-mobility-forum">https://www.greenyourroute.com/eurocities-mobility-forum</a> Findings from the Eurocities Mobility Forum Meeting: Climate Neutrality is Mission Possible	Link	88
27 June 2021	IRU's Director of Advocacy, Matthias Maedge, spoke at an eFuels Alliance seminar on global technology neutrality perspectives this week, urging policymakers to consider a range of technologies to decarbonise the road transport sector. <a href="https://www.greenyourroute.com/iru-clean-fuels-climate-targets">https://www.greenyourroute.com/iru-clean-fuels-climate-targets</a>	Link	63
6 July 2021	A new Eurobarometer survey published shows that European citizens believe climate change is the single most serious problem facing the world. <a href="https://www.greenyourroute.com/eurobarometer-survey-climate-change">https://www.greenyourroute.com/eurobarometer-survey-climate-change</a>	Link	60
16 July 2021	On 14 July 2021, the European Commission adopted a package of proposals to make the EU's climate, energy, land use, transport and taxation policies fit for reducing net greenhouse gas emissions by at least 55% by 2030, compared to 1990 levels. Achieving these emission reductions in the next decade is crucial to Europe becoming the world's first climate-neutral continent by 2050 and making the European Green Deal a reality. <a href="https://www.greenyourroute.com/european-commission-fit-for-55">https://www.greenyourroute.com/european-commission-fit-for-55</a>	Link	65
16 August 2021	Greening public transport has taken a further step in the Netherlands: The Province of Noord-Holland has launched the country's first zero-emission bus concession in the Region Gooien Vechtstreek, south-west of the Dutch Capital. All combustion engine buses in the region will be replaced by 61 electric ones during 2022. <a href="https://www.greenyourroute.com/zero-emission-buses-holland">https://www.greenyourroute.com/zero-emission-buses-holland</a>	Link	65

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28 August 2021	Following the positive disbursement decision by the European Commission, the European Investment Bank has made the first payments from the Modernisation Fund. A total of EUR 304.43 million has been made available to Czechia (EUR 202m), Hungary (EUR 11.43m) and Poland (EUR 91m) to finance six investment proposals that have been confirmed as priority investments. <a href="https://www.greenyourroute.com/modernisation-fund-climate-neutrality">https://www.greenyourroute.com/modernisation-fund-climate-neutrality</a>	Link	71
5 September 2021	Μια νέα ευκαιρία για την Πολιτεία, την επιχειρηματικότητα και την κοινωνία ταυτόχρονα θα αποτελέσουν τα logistics στη χώρα μας, τα οποία τα επόμενα χρόνια θα πρέπει να γίνουν... ψηφιακά, ώστε να προσελκύσουν διεθνείς και εγχώριες επενδύσεις. Την ίδια στιγμή, οι αναδυόμενες ευκαιρίες στα green logistics και τα logistics του ελληνικού Δημοσίου (υγεία, μέσα μαζικής μεταφοράς, city logistics, agrologistics κ.ά.) θα ενισχυθούν με ένα θετικό χρηματοδοτικό σοκ από το Σχέδιο Ελλάδα 2.0 και το Ταμείο Ανάκαμψης και Ανθεκτικότητας <a href="https://www.greenyourroute.com/enisxisi-efodiastikis-alusidas">https://www.greenyourroute.com/enisxisi-efodiastikis-alusidas</a>	Link	110
14 September 2021	The European Green Capital 2023 Award goes to the Estonian city of Tallinn. The title of European Green Leaf 2022 jointly went to the Portuguese city of Valongo and Winterswijk in the Netherlands. <a href="https://www.greenyourroute.com/european-green-capital-leaf">https://www.greenyourroute.com/european-green-capital-leaf</a>	Link	65
25 September 2021	The 8th International Conference on Energy, Sustainability and Climate Crisis (ESCC2021) took place in Volos City, Greece on August 30 - September 3, 2021 in HYBRID Mode. LIFE GYR project was presented in a round table, during the natural resources and emissions session and the operational research session. <a href="https://www.greenyourroute.com/escc-2021-volos-en">https://www.greenyourroute.com/escc-2021-volos-en</a>	Link	84
3 October 2021	Manchester is set to launch its clean air zone (CAZ) on 30 May 2022, as part of its Clear Air Plan to tackle air pollution. All ten Greater Manchester local authorities have approved the Greater Manchester Clean Air Plan. <a href="https://www.greenyourroute.com/manchester-clean-air-zone">https://www.greenyourroute.com/manchester-clean-air-zone</a>	Link	85
10 October 2021	From 27 September to 17 October, EU Delegations and embassies of EU Member States around the world will host events to foster dialogue and cooperation on climate change, showcase success stories and inspire further action. <a href="https://www.greenyourroute.com/climate-diplomacy-weeks">https://www.greenyourroute.com/climate-diplomacy-weeks</a>	Link	62

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14 October 2021	<p>On 16 September, the European Climate, Environment and Infrastructure Executive Agency (CINEA) launched a call for proposals under the Connecting Europe Facility (CEF) Transport programme.</p> <p>The CEF programme is a key EU funding instrument which provides investment in the development of sustainable, high performing and interconnected Trans-European transport networks.</p> <p><a href="https://www.greenyourroute.com/transport-mobility-seven-billion">https://www.greenyourroute.com/transport-mobility-seven-billion</a></p>	Link	62
24 October 2021	<p>The EU-funded SHOW project – a large-scale demonstration project of automated transport services across 20 urban areas – has launched an online public survey to gather opinions from a variety of stakeholders.</p> <p><a href="https://www.greenyourroute.com/show-survey">https://www.greenyourroute.com/show-survey</a></p>	Link	71
31 October 2021	<p>The Municipal Transport Company of Madrid (EMT), in collaboration with the sustainable urban distribution company CITYlogin, has launched a pilot initiative for the capillary distribution of goods.</p> <p><a href="https://www.greenyourroute.com/madrid-logistics-microhub">https://www.greenyourroute.com/madrid-logistics-microhub</a></p>	Link	67
9 November 2021	<p>The study identifies good staff scheduling and rostering practices in the transport sector and makes practical recommendations on how staff and shift scheduling systems can be improved to respond to the needs of a diverse transport workforce, notably in terms of improving their work-life balance.</p> <p><a href="https://www.greenyourroute.com/good-staff-scheduling-transport">https://www.greenyourroute.com/good-staff-scheduling-transport</a></p>	Link	76
21 November 2021	<p>IRU has broadly welcomed the agreement reached at COP26 in Glasgow to reinforce global climate action and to look to speed up decarbonisation plans in the short term, but uncertainty remains on actual delivery pathways.</p> <p><a href="https://www.greenyourroute.com/action-pathways-decarbonise-unclear">https://www.greenyourroute.com/action-pathways-decarbonise-unclear</a></p>	Link	47
29 November 2021	<p>The European Commission has made an Info Kit for Cities available with comprehensive information about the Mission “100 Climate-Neutral and Smart Cities by 2030.”</p> <p><a href="https://www.greenyourroute.com/mission-climate-smart-cities">https://www.greenyourroute.com/mission-climate-smart-cities</a></p>	Link	37
3 December 2021	<p>The Commission has today approved an investment package of more than €290 million for 132 new projects under the LIFE programme for the environment and climate action.</p> <p><a href="https://www.greenyourroute.com/life-programme-funding-290">https://www.greenyourroute.com/life-programme-funding-290</a></p>	Link	51

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12 December 2021	Citizens' participation is particularly important for a just green transition and the participation of young people could inject new insights into the decision-making process and inspire policy makers and public authorities in charge of managing the Just Transition Fund. <a href="https://www.greenyourroute.com/call-proposal-euteens4green">https://www.greenyourroute.com/call-proposal-euteens4green</a>	Link	39
18 December 2021	Με μεγάλη επιτυχία ολοκληρώθηκαν οι εργασίες του 7ου ITS Hellas Conference "Transportation & Logistics 4.0", του καθιερωμένου συνεδρίου που, για ακόμα μια χρονιά, κατάφερε να συσπειρώσει την ελληνική κοινότητα των μεταφορών και της εφοδιαστικής, δημιουργώντας γέφυρες απαραίτητες προς μια ευέλικτη και οργανωμένη μετάβαση σε ένα μέλλον, όπου όλες οι μεταφορές, ανθρώπων και αγαθών, θα είναι ευφρείς, πράσινες και βιώσιμες, όπως αναφέρεται σε σχετική ανακοίνωση. <a href="https://www.greenyourroute.com/seven-conference-its-hellas">https://www.greenyourroute.com/seven-conference-its-hellas</a>	Link	75
26 December 2021	On 15 December 2021, the amended version of the Horizon Europe Work Programme 21-22 for the Missions was adopted. Missions aim to address some of the greatest challenges facing our society. They are bold and inspirational with clear objectives that are time-bound, realistic, measurable and targeted.	Link	56
7 January 2022	ESCC 2022 will take place in Paphos City, Cyprus, on August 29 - 31, 2022 for Regular Presentations & Poster Demonstration and on September 1 - 2, 2022 for Round Tables ONLY for Invited Researchers, either with physical or virtual participation, under the auspices of the University of Florida, the University of Thessaly, the Rutgers University, the Cyprus University of Technology, the BRNO University of Technology, the Qatar University and the Coimbra Business School   ISCAC. The conference aims on bringing together leading experts in the fields of Energy, Sustainability and Climate Change as well as optimization and computational methods to discuss recent advancements and trending topics. <a href="https://www.greenyourroute.com/9th-international-conference-esc">https://www.greenyourroute.com/9th-international-conference-esc</a>	Link	60
21 January 2022	EU policies and projects are helping cities to roll out transport choices that improve air quality and public health. Air pollution is the greatest environmental threat to human health, according to the World Health Organization. <a href="https://www.greenyourroute.com/mobility-services-cities">https://www.greenyourroute.com/mobility-services-cities</a>	Link	53

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27 January 2022	As 2022 – designated European Year of Youth – begins, today’s survey highlights the views of young Europeans on the challenges facing the European Union, alongside the key role young people are playing in the Conference on the Future of Europe. <a href="https://www.greenyourroute.com/future-europe-climate-change">https://www.greenyourroute.com/future-europe-climate-change</a>	Link	38
6 February 2022	The French city of Grenoble has officially taken over as the European Green Capital for 2022 at the Green Capital Opening Ceremony on the 15 January 2022, taking over from the Finnish city of Lahti. <a href="https://www.greenyourroute.com/grenoble-eu-green-capital-2022">https://www.greenyourroute.com/grenoble-eu-green-capital-2022</a>	Link	46
10 February 2022	Road transport operators are at the core of the EU’s green transformation. Fully aware of their responsibility, they are committed to decarbonise. However, technologies for zero-emissions alternatively fuelled heavy-duty vehicles and related infrastructure are still in their infancy. <a href="https://www.greenyourroute.com/way-greener-eu">https://www.greenyourroute.com/way-greener-eu</a>	Link	70
20 February 2022	The communication from the European Commission to the European Parliament, the Council, the European Economic and Social Committee (EESC) and the Committee of the Regions (CoR) on the new Urban Mobility Framework is now available in all languages. <a href="https://www.greenyourroute.com/eu-urban-mobility-lang">https://www.greenyourroute.com/eu-urban-mobility-lang</a>	Link	57
27 February 2022	The European Commission has adopted a guidance notice for national and local authorities on regulating taxis and private hire vehicles. The guidance clarifies how internal market rules should be applied to taxis and private hire vehicles, and how appropriate regulation can make these services more sustainable, accessible, and fair. <a href="https://www.greenyourroute.com/eu-new-init-smart-mob">https://www.greenyourroute.com/eu-new-init-smart-mob</a>	Link	101
6 March 2022	The European Commission published the Data Act proposal, which aims to provide a harmonised framework for data sharing across the European Union. This is the last horizontal building block of the Commission's data strategy. <a href="https://www.greenyourroute.com/voluntary-sharing-data-road-transport">https://www.greenyourroute.com/voluntary-sharing-data-road-transport</a>	Link	64

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17 March 2022	Cities hold the key to leading Europe towards healthy and climate-friendly mobility. The transport sector is also the only sector that has seen its emissions rise since 1990. The Clean Cities Campaign is a European coalition of organisations hosted by Transport & Environment. <a href="https://www.greenyourroute.com/oslo-amsterdam-clean-cities-campaign">https://www.greenyourroute.com/oslo-amsterdam-clean-cities-campaign</a>	Link	47
27 March 2022	It is time to close the knowledge gap and empower more women to take on leading roles in shaping the mobility of tomorrow. Equality and diversity in the sector will lead to more liveable cities in the future. The Online Training Program will equip more women with an innovative and entrepreneurial mind and skillset. <a href="https://www.greenyourroute.com/female-innovators-ump-2022">https://www.greenyourroute.com/female-innovators-ump-2022</a>	Link	54
5 April 2022	The winners of the EUROPEANMOBILITYWEEK Awards 2021, the 10th Award for Sustainable Urban Mobility Planning (SUMP Award) and the EU Urban Road Safety Award were crowned. The awards were presented at a hybrid ceremony in Brussels hosted by Matthew Baldwin, Deputy Director-General of the European Commission's Directorate-General for Transport and Mobility. <a href="https://www.greenyourroute.com/urban-mobility-winners">https://www.greenyourroute.com/urban-mobility-winners</a>	Link	66
18 April 2022	The European Commission has published a call for evidence as well as an open public consultation seeking to learn about opinions on a proposal on access to vehicle resources, functions and data. This follows shortly after the proposal for Data Act, which was published in February 2022. <a href="https://www.greenyourroute.com/eu-access-vehicle-data">https://www.greenyourroute.com/eu-access-vehicle-data</a>	Link	62
7 May 2022	The International Energy Agency and the European Commission have outlined a range of simple steps that people can take to reduce their energy use and save money, and that would save enough oil to fill 120 super tankers and enough natural gas to heat almost 20 million homes if adopted by all EU residents. <a href="https://www.greenyourroute.com/european-commission-key-energy-actions">https://www.greenyourroute.com/european-commission-key-energy-actions</a>	Link	39
11 May 2022	GreenYourRoute project participates to the celebration of 30 years of LIFE program. Save the date May 26, 2022 <a href="https://www.greenyourroute.com/30-years-life">https://www.greenyourroute.com/30-years-life</a>	Link	255

Published	Post	Type	Reached
13 May 2022	The Commission announced the 100 EU cities that will participate in the EU Mission for 100 climate-neutral and smart cities by 2030, the so-called Cities Mission. The 100 cities come from all 27 Member States, with 12 additional cities coming from countries associated or with the potential of being associated to Horizon Europe, the EU's research and innovation programme (2021-2027). <a href="https://www.greenyourroute.com/eu-commission-100-cities-smart-cities">https://www.greenyourroute.com/eu-commission-100-cities-smart-cities</a>	Link	36
19 May 2022	The European Commission presented the REPowerEU Plan, its response to the hardships and global energy market disruption caused by Russia's invasion of Ukraine. The measures in the REPowerEU Plan can respond to this ambition, through energy savings, diversification of energy supplies, and accelerated roll-out of renewable energy to replace fossil fuels in homes, industry and power generation. <a href="https://www.greenyourroute.com/plan-repower-eu-green-transition">https://www.greenyourroute.com/plan-repower-eu-green-transition</a>	Link	34
25 May 2022	Troppo spesso, si tende a considerare la salute come la semplice assenza di malattie, ma la definizione di salute è olistica e l'ambiente in cui viviamo determina fino al 75% dei risultati della salute (OMS). Innumerevoli evidenze scientifiche dimostrano che l'inquinamento atmosferico costituisce la maggiore minaccia ambientale per la salute umana. <a href="https://www.greenyourroute.com/eu-verde-pianificazione">https://www.greenyourroute.com/eu-verde-pianificazione</a>	Link	52
25 May 2022	Gli operatori del trasporto stradale sono al centro della trasformazione verde dell'UE. Pienamente consapevoli della loro responsabilità, sono impegnati nella decarbonizzazione. Tuttavia, le tecnologie per i veicoli pesanti ad alimentazione alternativa a zero emissioni e le relative infrastrutture sono ancora agli inizi. <a href="https://www.greenyourroute.com/strada-europa-verde">https://www.greenyourroute.com/strada-europa-verde</a>	Link	65
25 May 2022	Il premio Capitale verde europea 2023 va alla città estone di Tallinn. Il titolo di Foglia verde europea 2022 è andato congiuntamente alla città portoghese di Valongo e a Winterswijk nei Paesi Bassi. <a href="https://www.greenyourroute.com/risultati-premi-verde-22-23">https://www.greenyourroute.com/risultati-premi-verde-22-23</a>	Link	72

Published	Post	Type	Reached
23 June 2022	The Paris ring road is to be transformed into a “green belt” around the capital city, according to Paris’ mayor Anne Hidalgo. The plan which would see the number of lanes of the city’s infamous ring road, the ‘périphérique’, reduced to create space for clean public transport and shared mobility as well as for green space. <a href="https://www.greenyourroute.com/paris-ring-road-green-belt">https://www.greenyourroute.com/paris-ring-road-green-belt</a>	Link	87
13 July 2022	La trasformazione verde rafforzerà la crescita economica, la sicurezza e l'azione per il clima per l'Europa e i nostri partner. Lo strumento per la ripresa e la resilienza (RRF) è al centro del piano REPowerEU e sostiene la pianificazione e il finanziamento coordinati di infrastrutture transfrontaliere e nazionali, nonché di progetti e riforme energetiche. <a href="https://www.greenyourroute.com/repowereu-it-ver">https://www.greenyourroute.com/repowereu-it-ver</a>	Link	40
12 August 2022	Following Green Procurement rules is better for all! <a href="https://www.greenyourroute.com/videos">https://www.greenyourroute.com/videos</a>	Link	52
12 August 2022	Representatives selected by demonstrator partners give an interview after using LIFE GYR web and mobile application. <a href="https://www.greenyourroute.com/videos">https://www.greenyourroute.com/videos</a>	Link	98
22 August 2022	The German city of Cologne is about to start developing its Sustainable Urban Mobility Plan (SUMP). In order to support the process, the city's Traffic Committee has decided to establish a Mobility Council. <a href="https://www.greenyourroute.com/cologne-mobility-council-sump">https://www.greenyourroute.com/cologne-mobility-council-sump</a>	Link	56
18 September 2022	The 9th International Conference on Energy, Sustainability and Climate Crisis (ESCC2022) took place in Paphos City, Cyprus on August 29 - September 2, 2022 in HYBRID Mode. Extended Presentation of the LIFE GYR Platform was made in a round table. <a href="https://www.greenyourroute.com/escc-2022-paphos-cyprus">https://www.greenyourroute.com/escc-2022-paphos-cyprus</a>	Link	47



Published	Post	Type	Reached
23 September 2022	New rules for the EU road transport sector. As part of Mobility Package I, a new set of rules for the road transport sector became applicable across the EU. <a href="https://www.greenyourroute.com/mobility-package-2022">https://www.greenyourroute.com/mobility-package-2022</a>	Link	71
27 September 2022	The Joint Research Committee (JRC) have recently published two reports titled “Research and Innovation in Urban Mobility and Logistics in Europe” and “Public transport research and innovation in Europe”. Both reports provide analysis based upon the Transport Research and Innovation Monitoring and Information System (TRIMIS) database. <a href="https://www.greenyourroute.com/research-innov-urban-mob">https://www.greenyourroute.com/research-innov-urban-mob</a>	Link	95
07 October 2022	La Commissione ha annunciato le 100 città dell'UE che parteciperanno alla Missione UE per 100 città climaticamente neutre e intelligenti entro il 2030, la cosiddetta Missione Città. Le 100 città provengono da tutti i 27 Stati membri, mentre altre 12 provengono da Paesi associati o potenzialmente associabili a Horizon Europe, il programma di ricerca e innovazione dell'UE (2021-2027). <a href="https://www.greenyourroute.com/citt%C3%A0-climaticamente-neutre">https://www.greenyourroute.com/citt%C3%A0-climaticamente-neutre</a>	Link	32
17 October 2022	A new analysis, published in September 2022, assesses the performance of (urban) public transport in 197 European cities, by comparing accessibility and proximity of residential populations. <a href="https://www.greenyourroute.com/performance-public-transport-grid-data">https://www.greenyourroute.com/performance-public-transport-grid-data</a>	Link	56
28 October 2022	Le città sono la chiave per guidare l'Europa verso una mobilità sana e rispettosa del clima. Tre quarti degli europei vivono in aree urbane, mentre la mobilità nelle città è responsabile del 23% delle emissioni di gas serra dell'UE dovute ai trasporti. Il settore dei trasporti è anche l'unico che ha visto aumentare le proprie emissioni dal 1990. <a href="https://www.greenyourroute.com/oslo-amsterdam-mobilita-sostenibile">https://www.greenyourroute.com/oslo-amsterdam-mobilita-sostenibile</a>	Link	34
13 November 2022	The Commission presented a proposal to reduce air pollution from new motor vehicles sold in the EU to meet the European Green Deal's zero-pollution ambition, while keeping vehicles affordable for consumers and promoting Europe's competitiveness. <a href="https://www.greenyourroute.com/new-euro-7-standards-proposal">https://www.greenyourroute.com/new-euro-7-standards-proposal</a>	Link	33

Published	Post	Type	Reached
26 November 2022	ESCC 2023 will take place in Heraklion, Greece, on June 5 - 7, 2023 for Regular Presentations & Poster Demonstration and on June 8 - 9, 2023 for Round Tables ONLY for Invited Researchers, either with physical or virtual participation, under the auspices of the University of Florida, the University of Thessaly, the Rutgers University, the Cyprus University of Technology, the BRNO University of Technology, the Coimbra Business School   ISCAC, the Istanbul Technical University and the Ivey Business School. Abstract Submission: 17 March 2023. <a href="https://www.greenyourroute.com/esc-2023-heraklion">https://www.greenyourroute.com/esc-2023-heraklion</a>	Link	66
8 December 2022	La Commissione ha presentato una proposta per ridurre l'inquinamento atmosferico dei veicoli a motore nuovi venduti nell'UE, al fine di soddisfare l'ambizione del Green Deal europeo in materia di inquinamento zero, mantenendo i veicoli a prezzi accessibili per i consumatori e promuovendo la competitività dell'Europa. <a href="https://www.greenyourroute.com/commissione-nuovi-standard-euro7">https://www.greenyourroute.com/commissione-nuovi-standard-euro7</a>	Link	37
15 December 2022	Kraków has announced plans to establish a 'clean transport zone' in a move to reduce air pollution. The city will be the first in Poland to implement such a measure. <a href="https://www.greenyourroute.com/krakow-first-city-ban-older-car">https://www.greenyourroute.com/krakow-first-city-ban-older-car</a>	Link	43
21 December 2022	Road transport is the most widely used means of travel in the EU. It is also essential to the economy in terms of its contribution to GDP, as the only mode of transport to interconnect all European businesses and people. Though its benefits are undeniable, we also know that road transport is the leading cause of accidents, serious injuries from collisions, and premature deaths in Europe. <a href="https://www.greenyourroute.com/cinea-vision-zero-brochure">https://www.greenyourroute.com/cinea-vision-zero-brochure</a>	Link	42
8 January 2023	IRU joined a group of key stakeholders invited by the European Internal Market Commissioner, Thierry Breton, to set concrete key performance indicators (KPIs) for a clean and competitive transformation of the EU's automotive ecosystem. <a href="https://www.greenyourroute.com/route-35-meeting-green-automotive-industry">https://www.greenyourroute.com/route-35-meeting-green-automotive-industry</a>	Link	46

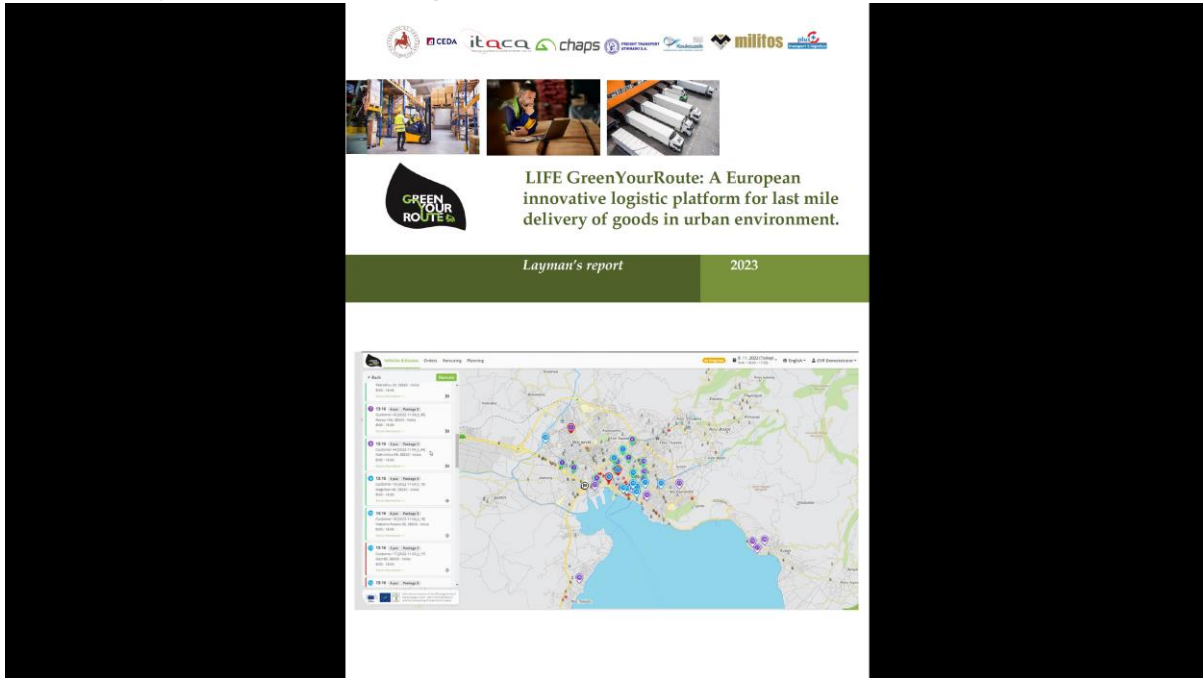
Published	Post	Type	Reached
9 January 2023	Velázquez Martínez, who is director of MIT's Sustainable Supply Chain Lab, investigates how customer-facing supply chains can be made more environmentally and socially sustainable. <a href="https://www.greenyourroute.com/sustainable-supply-chains-customer-first">https://www.greenyourroute.com/sustainable-supply-chains-customer-first</a>	Link	51
20 January 2023	During the last year, the IKEA store in Delft, The Netherlands, completed a pilot using a solar-powered cargo bike for delivering products to its customers within the city centre around the store. <a href="https://www.greenyourroute.com/ikea-delft-solar-bikes-last-mile-service">https://www.greenyourroute.com/ikea-delft-solar-bikes-last-mile-service</a>	Link	55
29 January 2023	In December 2022, the Spanish capital Madrid became the first major European capital to operate a 100% clean fleet of municipal buses. The city's fleet consists of 1,915 compressed natural gas (CNG) buses and 180 electric buses. <a href="https://www.greenyourroute.com/madrid-clean-bus-fleet">https://www.greenyourroute.com/madrid-clean-bus-fleet</a>	Link	56
12 February 2023	The Commission presents a Green Deal Industrial Plan to enhance the competitiveness of Europe's net-zero industry and support the fast transition to climate neutrality. The Plan aims to provide a more supportive environment for the scaling up of the EU's manufacturing capacity for the net-zero technologies and products required to meet Europe's ambitious climate targets. <a href="https://www.greenyourroute.com/green-deal-industrial-plan-eu">https://www.greenyourroute.com/green-deal-industrial-plan-eu</a>	Link	48
5 March 2023	La nuova iniziativa - che fa parte del più ampio "Pacchetto mobilità efficiente e verde" pubblicato il 14 dicembre - mira a rendere la mobilità urbana più sostenibile, intelligente e sana. <a href="https://www.greenyourroute.com/mobilit%C3%A0-urbana-commissione-europea">https://www.greenyourroute.com/mobilit%C3%A0-urbana-commissione-europea</a>	Link	38
6 March 2023	The authorities in the Belgian capital, Brussels, have announced the first results of the implementation of their Good Move Plan. The plan is the city's mobility plan and aims to change the flow of traffic within the city, by closing some streets and creating new one-way streets within the city's so-called 'Pentagon' - the main central area. The ultimate aim is to make the city a better place for residents and visitors. <a href="https://www.greenyourroute.com/brussel-traffic-plan-reduce-cars">https://www.greenyourroute.com/brussel-traffic-plan-reduce-cars</a>	Link	45

Published	Post	Type	Reached
1 June 2023	<p>WHO urges Europe to rethink Mobility to improve Health and Wellbein</p> <p>In the context of the 7th UN Global Road Safety Week, which ran between 15 and 21 May 2023, WHO's Regional Director for Europe, Hans Kluge, called on European governments to ensure that the normalisation of mobility after the Covid19 pandemic went in the direction of sustainable mobility.</p> <p><a href="https://www.greenyourroute.com/who-europe-mobility-health">https://www.greenyourroute.com/who-europe-mobility-health</a></p>	Link	19
5 June 2023	<p>New Law agreed to cut Aviation Emissions by promoting Sustainable Aviation Fuels</p> <p>The Commission welcomes the political agreement on the ReFuelEU Aviation proposal, reached between the European Parliament and the Council. Once in place, the new rules will help decarbonise the aviation sector by requiring fuel suppliers to blend sustainable aviation fuels (SAF) with kerosene in increasing amounts from 2025.</p> <p><a href="https://www.greenyourroute.com/new-law-aviation-emissions">https://www.greenyourroute.com/new-law-aviation-emissions</a></p>	Link	24
6 June 2023	<p>Bus Éireann aims to Double Emission-Free km in 2023 after Record Year</p> <p>Bus Éireann, the Irish state-owned bus and coach operator, has announced plans to roll-out 20 new double-deck electric vehicles in 2023 in its Limerick city fleet. This will contribute to its commitment to reducing greenhouse gas emissions by 50% by 2030. In 2022, the company delivered 470,000 emission-free kilometres, which it plans to increase to 1 million km in 2023.</p> <p><a href="https://www.greenyourroute.com/bus-eireann-double-emission">https://www.greenyourroute.com/bus-eireann-double-emission</a></p>	Link	23
8 June 2023	<p>Paris inaugurates First Zero-Carbon Neighbourhood</p> <p>Paris recently introduced its first zero-carbon neighbourhood, Îlot Fertile, in the 19th arrondissement. The neighbourhood includes four buildings with residential units, hotels, shops, offices, and sports facilities, but notably no parking spaces. Built on a former industrial site of 1.3 hectares, the small area demonstrates the potential for creating functional and sustainable urban space.</p> <p><a href="https://www.greenyourroute.com/paris-first-zero-carbon-appart">https://www.greenyourroute.com/paris-first-zero-carbon-appart</a></p>	Link	18

Published	Post	Type	Reached
10 June 2023	<p>Rules to boost Intelligent Transport Systems for Safer and more Efficient Transport Agreed</p> <p>The Commission welcomes the political agreement reached between the European Parliament and the Council on a proposal made by the Commission in 2021 on the revision of the Intelligent Transport Systems (ITS) Directive. The revised law will make high-quality and timely data available for services such as multimodal journey planners and navigation services. A smarter and interoperable transport system will allow the more effective management of traffic and mobility across transport modes, enabling users to better combine the most sustainable modes of transport.</p> <p><a href="https://www.greenyourroute.com/rules-intelligent-transport-systems">https://www.greenyourroute.com/rules-intelligent-transport-systems</a></p>	Link	20

## 5 Annex

### 5.1 Layman's report English version



LIFE GreenYourRoute - Innovative Green Logistic Platform | 3

*Think green*

*Plan green*

*Enjoy a healthy environment*

[www.greenyourroute.com](http://www.greenyourroute.com)

LIFE GreenYourRoute - Innovative Green Logistic Platform

*Do you know how green is your routing planning?*

Freight transport is one of the most essential sectors for the economic development in EU. Nearly every economic activity in urban areas depends on the movement of goods through freight carriers. Transport sector accounts for 23.2% (1,026.2 MT) of all EU GHG emissions and 33.2% (352.9 Mtoe) of all EU energy consumption.



European Commission's analysis shows that while deeper cuts can be achieved in other sectors of the economy, a reduction of at least 60% of emissions by 2050 with respect to 1990 (This would correspond to emissions cuts of around 70% below 2008 levels) is required from the transport sector, which is a significant and still growing source of emissions. By 2030, the goal for transport will be to reduce emissions to around 20% below their 2008 level. Given the substantial increase in transport emissions over the past two decades, this would still put them 8% above the 1990 level.

*What if you could reduce your carbon footprint with a simple green planning?*

LIFE GreenYourRoute - Innovative Green Logistic Platform

## *LIFE GreenYourRoute: An innovative Green logistics platform*

### *Available at*

[www.greenyourroute.com](http://www.greenyourroute.com)



LIFE GreenYourRoute project's main objective is to contribute towards the implementation of the specific objectives for air and emissions in the Roadmap for a Resource-Efficient Europe. Specifically the project:

- a) integrates approaches to the implementation of Air quality legislation by developing and promoting an innovative green logistic routing planning platform.
- b) facilitates compliance with Union air quality and related air emissions standards including the National Emissions Ceilings Directive by reducing the production of non-GHG and GHG emissions in urban regions.



LIFE GreenYourRoute - Innovative Green Logistic Platform

## *Use the platform to plan your daily routing plans*

- Setup:
  - Upload customers data
  - Upload vehicle data
- Planning:
  - Add orders
  - Select vehicles
- Live Monitoring

*LIFE GreenYourRoute  
is the greenest, easiest  
and fastest planner  
for daily routing  
planning.*





LIFE GreenYourRoute - Innovative Green Logistic Platform

## Use the GYR applications to...

### ... create your daily routing plans.

For SMEs willing to prepare in a digital and optimized way their daily routing plans, an easy to use web application was developed. SMEs can add/remove/revise customers, vehicles and orders on the map or uploading files compatible with several formats (e.g. excel, txt). The GYR web application is available through web and very easy to use!



### ... re-schedule in real time your routing plans.



A re-scheduling functionality is available to GYR service. The re-scheduling functionality concerns the last minute revisions of the initially prepared daily routing plan so that the last minute request of the customers would be taken under consideration without increasing significant the socio-economic and environmental impact of the routing plan implementation.

### ... calculate your emissions.

New case-specific emissions calculation methodology was developed to calculate the emissions produced. All emission factors were homogenized to formulate a common methodology to calculate emissions from daily routing plans.



Contact LIFE GreenYourRoute team to integrate the developed emission calculation models in your routing planning methodology.

LIFE GreenYourRoute - Innovative Green Logistic Platform

## GreenYourRoute to Green Your Europe

### Improved air quality

A monitoring protocol was established based on a novel emission inventory methodology, which was applied in the daily routing planning of 8 logistics companies in order to assess the environmental impact of the problem.

Real life Demonstration - 17 months period	
	Saved
Kilometers	883,118.87
Routes	1,648
Fuel consumed and Emissions emitted	
FC (Tones)	1,371,247
CO2 (Tones)	4,964,767
CH4 (Kilograms)	137,895
CO (Kilograms)	18,270,835
N2O (Kilograms)	98,282
NH3 (Kilograms)	31,742
NOx (Tones)	39,114
PM (Kilograms)	481,661
VOC (Kilograms)	2,011,292
SO2 (Kilograms)	101,339

For the estimation of the amount of emissions saved after the launch of GreenYourRoute platform, data related to daily routing planning for 17 months of real life practice were included.

Emissions	Saved/year
FC (Tones/year)	1,747,40
CO2 (Tones/year)	3,312,63
CH4 (Kilograms/year)	202,09
CO (Kilograms/day)	71,43
N2O (Kilograms/year)	116,96
NH3 (Kilograms/day)	0,17
NOx (Tones/year)	46,91
PM (Kilograms/day)	2,70
VOC (Kilograms/day)	9,47
SO2 (Kilograms/day)	0,47

In total, more than 800,000km and more than 1,600 route were saved using LIFE GYR service. More than 1,500, 4,900 and 39 tons of fuel CO2 and NOx respectively were saved. In addition, more than 150kg of CH4, 18,000kg of CO, 98kg of N2O, 30kg of NH3, 481kg of PM, 2,000kg of VOC and 100kg of SO2 were saved due to GYR platform.

LIFE GreenYourRoute - Innovative Green Logistic Platform

## Change the way you plan.

### What are the benefits of LIFE GreenYourRoute service for the socio-economic development?

The most important socio-economic benefits of the project are:

#### Public awareness

The importance of all the project objectives and their effect on air quality have been communicated through several media (website, social media, notice boards, flyers, newsletters, videos, scientific publications) and activities (workshops, webinars, participation in conferences, workshops and events, networking with other projects, direct promotion activities). The response of the logistics companies has been remarkable.

#### Policy updates

Recommendations concerning new legislation for green logistics were made by LIFE GreenYourRoute project to the national logistics board of Greece.

#### Market acceptance

GreenYourRoute company has been established and 8 contracts with logistics companies have been signed. GYR emission API attracted the interest of several logistics companies requiring to calculate their annual carbon footprint.

#### Acceptance of GreenYourRoute service

Since the launch of GreenYourRoute platform in December 2021, more than 180 users of the service are trained and more than 150 users are active users of the web and mobile apps.

#### Contact us

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✉ [greenyourroute@gmail.com](mailto:greenyourroute@gmail.com)




LIFE GreenYourRoute  
Layman's Report - LIFE17 ENV/GR/000215

## 5.2 Layman's report Greek version

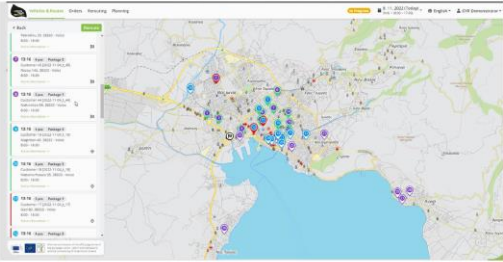








**LIFE GreenYourRoute: Μια Ευρωπαϊκή καινοτόμος πλατφόρμα εφοδιαστικής για παράδοση αγαθών τελευταίου μιλίου σε αστικό περιβάλλον.**

*Layman's report*
2023



**LIFE GYR ενημερωτικό δελτίο**



Το LIFE GreenYourRoute είναι ένα πρωτοποριακό ερευνητικό έργο που συγχρηματοδοτείται από το LIFE, το χρηματοδοτικό μέσο της ΕΕ για το περιβάλλον, και το Ελληνικό Πρόγραμμα Ταμείο - LIFE17 ENV/GR/000215.

**Περίοδος ολοκλήρωσης:** 2018-2023

**Προϋπολογισμός:** 2.191.237,00 €

**Σκοπός:** Ανάπτυξη και πρόοδος μιας καινοτόμου πρόσβασης πλατφόρμας για την παράδοση αγαθών στο τελευταίο μίλι σε αστικό περιβάλλον.

**Συντονιστής Εταίρος:** Πανεπιστήμιο Θεσσαλίας

**Συνεργαζόμενοι Εταίροι:** Αθηναϊκή Μεταφορική ΑΕ  
Central European Data Agency, a.s.  
CHAPS spol. s r.o.  
ITACA S.R.L.  
Μίλιος Συμβουλευτική ΑΕ  
Κοκκοκύλης ΕΕ  
Plus Μεταφορική

**Ηλεκτρονική ιστοσελίδα:** [www.greenyourroute.com](http://www.greenyourroute.com)

LIFE GreenYourRoute - Καινήτος Πράσινη Πλατφόρμα Logistics |3

## Σκέψου Πράσινα

## Προγραμματίσε Πράσινα

## Απόλαυσε ένα υγιές περιβάλλον

[www.greenyourroute.com](http://www.greenyourroute.com)

LIFE GreenYourRoute - Καινήτος Πράσινη Πλατφόρμα Logistics |4

## Γνωρίζετε πόσο πράσινος είναι ο προγραμματισμός δρομολόγησής σας;

Οι εμπορευματικές μεταφορές είναι ένας από τους πιο σημαντικούς τομείς για την οικονομική ανάπτυξη στην ΕΕ. Σχεδόν κάθε οικονομική δραστηριότητα στις αστικές περιοχές εξαρτάται από τη διακίνηση εμπορευμάτων μέσω εμπορευματικών μεταφορών. Ο τομέας των μεταφορών αντιπροσωπεύει το 23,2% (1.026,2 MT) όλων των εκπομπών αερίων του θερμοκηπίου στην ΕΕ και το 33,2% (352,9 Mtoe) της συνολικής κατανάλωσης ενέργειας στην ΕΕ.

Η ανάλυση της Ευρωπαϊκής Επιτροπής δείχνει ότι, ενώ μπορούν να επιτευχθούν βελτιότερες περικοπές σε άλλους τομείς της οικονομίας, απαιτείται μείωση τουλάχιστον κατά 60% των εκπομπών έως το 2050 σε σχέση με το 1990 (Αυτό θα αντιστοιχούσε σε περικοπές εκπομπών κατά περίπου 70% κάτω από τα επίπεδα του 2008) από τον τομέα των μεταφορών, ο οποίος αποτελεί σημαντική και αυξανόμενη πηγή εκπομπών. Μέχρι το 2050, ο στόχος για τις μεταφορές είναι να μειωθούν οι εκπομπές σε περίπου 20% κάτω από τα επίπεδα του 2008. Δεδομένης της σημαντικής αύξησης των εκπομπών των μεταφορών κατά τις δύο τελευταίες δεκαετίες, αυτό θα τις τοποθετούσε ακόμη 8% πάνω από το επίπεδο του 1990.



Τι θα λέγατε αν μπορούσατε να μειώσετε το ανθρακικό σας αποτύπωμα με έναν απλό πράσινο σχεδιασμό;

LIFE GreenYourRoute - Καινοτόμος Πράσινη Πλατφόρμα Logistics

## LIFE GreenYourRoute: Καινοτόμος Πράσινη Πλατφόρμα Logistics

Ο κύριος στόχος του έργου LIFE GreenYourRoute είναι να συμβάλει στην υλοποίηση των ειδικών στόχων για τον αέρα και τις εκπομπές του χάρτη πορείας για μια Ευρώπη με αποδοτική χρήση των πόρων. Συγκεκριμένα το έργο:

α) ενσωματώνει προσεγγίσεις για την εφαρμογή της νομοθεσίας για την ποιότητα του αέρα αναπτύσσοντας και προωθώντας μια καινοτόμο πράσινη πλατφόρμα σχεδιασμού δρομολογίων logistics.

β) διευκολύνει τη συμμόρφωση με τα ενωσιακά πρότυπα για την ποιότητα του αέρα και τις συναφείς ατμοσφαιρικές εκπομπές, συμπεριλαμβανομένης της οδηγίας για τα εθνικά ανώτατα όρια εκπομπών, μειώνοντας την παραγωγή εκπομπών μη αερίων του θερμοκηπίου και αερίων του θερμοκηπίου στις αστικές περιοχές.

Διαθέσιμη σε

[www.greenyourroute.com](http://www.greenyourroute.com)



LIFE GreenYourRoute - Καινοτόμος Πράσινη Πλατφόρμα Logistics | 6

## Χρησιμοποιήστε την πλατφόρμα για να σχεδιάσετε τα καθημερινά σας δρομολόγια

-Ρόφημα:

- Εισαγωγή δεδομένων πελατών
- Εισαγωγή δεδομένων οχημάτων

-Σχεδιασμός:

- Προσθήκη παραγγελιών
- Επιλογή οχημάτων

-Ζωντανή παρακολούθηση υλοποίησης δρομολογίων



Το LIFE  
GreenYourRoute  
είναι ο πιο  
οικολογικός, εύκολος  
και γρήγορος  
σχεδιαστής για τον  
καθημερινό  
προγραμματισμό  
δρομολογίων.

LIFE GreenYourRoute - Καινής Πρόση Πλατφόρμα Logistics

## Χρησιμοποιήστε τις εφαρμογές GYR για να...

### ... δημιουργήσετε τα καθημερινά σας πλάνα δρομολόγησης

Για τις ΜΜΕ που επιθυμούν να προετοιμάσουν με ψηφιακό και βελτιστοποιημένο τρόπο τα καθημερινά τους σχέδια δρομολόγησης, αναπτύχθηκε μια σύγχρονη διαδικτυακή εφαρμογή. Οι ΜΜΕ μπορούν να προσθέτουν/αφαιρούν/αλλάξουν πελάτες, σχήματα και παραγγελίες στο χάρτη ή να μεταφορτώνουν αρχικά στοιχεία με διάφορες μορφές (π.χ. excel, τsv). Η διαδικτυακή εφαρμογή GYR είναι διαθέσιμη μέσω διαδικτύου και πολύ εύκολη στη χρήση!



### ... ελατρώσετε τα πραγματικά χρονο τα σχέδια δρομολόγησης σας.



Η υπηρεσία GYR διαθέτει λειτουργία επαναπρογραμματισμού. Η λειτουργία επαναπρογραμματισμού αφορά τις αναφορές της τελευταίας στήλης του αρχικού καταρτισμένου ημερήσιου σχεδίου δρομολόγησης, έτσι ώστε να λαμβάνεται υπόψη το αίτημα της τελευταίας στήλης των πελατών χωρίς να αδυνατεί σημαντικά ο συνολικός οικονομικός και περιβαλλοντικός αντίκτυπος της εφαρμογής του σχεδίου δρομολόγησης.

### ... υλοποιήσετε τις εκπομπές σας.

Για τον υπολογισμό των παραγόμενων εκπομπών αναπτύχθηκε νέα μεθοδολογία υπολογισμού των εκπομπών ανά περίπτωση. Όλοι οι συντελεστές παραμένουν αμεταβλητοί ώστε να διασφαριστεί μια κοινή μεθοδολογία υπολογισμού των εκπομπών από τα ημερήσια σχέδια δρομολόγησης.



Επικοινωνήστε με την ομάδα LIFE GreenYourRoute για να ενσωματώσετε τα μοντέλα υπολογισμού εκπομπών στη μεθοδολογία σχεδιασμού της διαδρομής σας.

LIFE GreenYourRoute - Καινής Πρόση Πλατφόρμα Logistics | 8

## GreenYourRoute σε Green Your Europe

### Βελτιωμένη ποιότητα αέρα

Δημιουργήθηκε ένα πρωτόκολλο παρακολούθησης με βάση μια νέα μεθοδολογία απεικόνισης εκπομπών, το οποίο εφαρμόστηκε στους καθημερινούς προγραμματισμούς δρομολόγησης 8 εταιρειών logistics, προκειμένου να εκτιμηθεί ο περιβαλλοντικός αντίκτυπος του προγράμματος.

Για την εκτίμηση της ποιότητας των εκπομπών που εξοικονομήθηκαν μετά την πλατφόρμα GreenYourRoute, συλλεχθέντων δεδομένα σχετικά με τον καθημερινό σχεδιασμό δρομολόγησης για 17 μήνες πραγματικής πρακτικής.

Συνολικά, περισσότερα από 800.000 χιλιόμετρα και περισσότερες από 1.600 διαδρομές εξοικονομήθηκαν με τη χρήση της υπηρεσίας LIFE GYR. Εξοικονομήθηκαν περισσότερες από 1.500, 4.900 και 39 τόνους καυσίμων CO2 και NOx αντίστοιχα. Επιπλέον, περισσότερα από 150kg CH4, 18.000kg CO, 98kg N2O, 30kg NH3, 481kg PM, 2.000kg VOC και 100kg SO2 εξοικονομήθηκαν λόγω της πλατφόρμας GYR.

Πραγματικές συνθήκες - περίοδος 17 μηνών	
	Εξοικονομήθηκαν
Χιλιόμετρα	885.115,97
Διαδρομές	1.648
Καύσιμα που καταναλώθηκαν και εκπομπές που εκπέμφθηκαν	
FC (Τόννοι)	1.571,247
CO2 (Τόννοι)	4.964,767
CH4 (kg)	132,909
CO (kg)	18.270,855
N2O (kg)	98,282
NH3 (kg)	31,742
NOx (Τόννοι)	39,114
PM (kg)	481,661
VOC (kg)	2.011,292
SO2 (kg)	101,359

Εκπομπές	Εξοικονομήθηκαν
FC (Τόννοι/έτος)	1.547,40
CO2 (Τόννοι/έτος)	5.512,63
CH4 (kg/έτος)	202,09
CO (kg/έτος)	71,43
N2O (kg/έτος)	116,96
NH3 (kg/έτος)	0,17
NOx (Τόννοι/έτος)	46,91
PM (kg/έτος)	2,70
VOC (kg/έτος)	9,47
SO2 (kg/έτος)	0,47

LIFE GreenYourRoute - Καινή μας Πράξη Παράγωγα Logistics

## Αλλάξτε τον τρόπο που προγραμματίζετε.

### Ποια είναι τα οφέλη της υπηρεσίας LIFE GreenYourRoute για την κοινωνικοοικονομική ανάπτυξη;

Τα σημαντικότερα κοινωνικοοικονομικά οφέλη του έργου είναι:

#### Ενισχυτικοί του κοινού

Η σφραγίδα όλων των στόχων του έργου και η επίδραση τους στη ποιότητα του αέρα (γυροασφάλισμα) μέσω διαφόρων μέσων (δικτυακός τόπος, μέσα κοινωνικής δικτύωσης, πινάκω ανακοινώσεων, φυλλάδια, ενημερωτικά δελτία, βίντεο, επιστημονικές δημοσιεύσεις) και δραστηριοτήτων (εργαστήρια, διαδικτυακά σεμινάρια, συμμετοχή σε συνέδρια, εργαστήρια και εκδηλώσεις δικτύωση με άλλα έργα, δραστηριότητες άμεσης προώθησης). Η ανακοίνωση των εταιρειών εφοδιαστές ήταν αξιοσημείωτη.

#### Επικαιροποίηση της πολιτικής

Το πρόγραμμα LIFE GreenYourRoute απέρριψε σχετικές σχέσεις με τη νέα νομοθεσία για τα πράσινα logistics στο εθνικό συμβούλιο logistics της Ελλάδας.

#### Αποδοχή αγοράς

Εβδόμη η εταιρεία GreenYourRoute και υπεγράφησαν 8 συμβάσεις με εταιρείες logistics. Το GYR emission API προσέλασε το ενδιαφέρον αρκετών εταιρειών logistics που απαιτούν τον υπολογισμό του ετήσιου αποτυπώματος άνθρακα τους.

#### Αποδοχή της υπηρεσίας GreenYourRoute

Από την έναρξη λειτουργίας της πλατφόρμας GreenYourRoute τον Δεκέμβριο του 2021, περισσότεροι από 150 χρήστες της υπηρεσίας έχουν εγκαταστήσει και περισσότεροι από 150 χρήστες είναι ενεργοί χρήστες των διαδικτυακών και κινητών εφαρμογών.

#### Επικοινωνήστε μαζί μας

✉ Τμήμα Μηχανολόγων Μηχανικών, Πανεπιστήμιο Θεσσαλίας, Λοσέρφος Αθηνών, Πεδίο άρτας, 58334 Βόλος, Ελλάδα

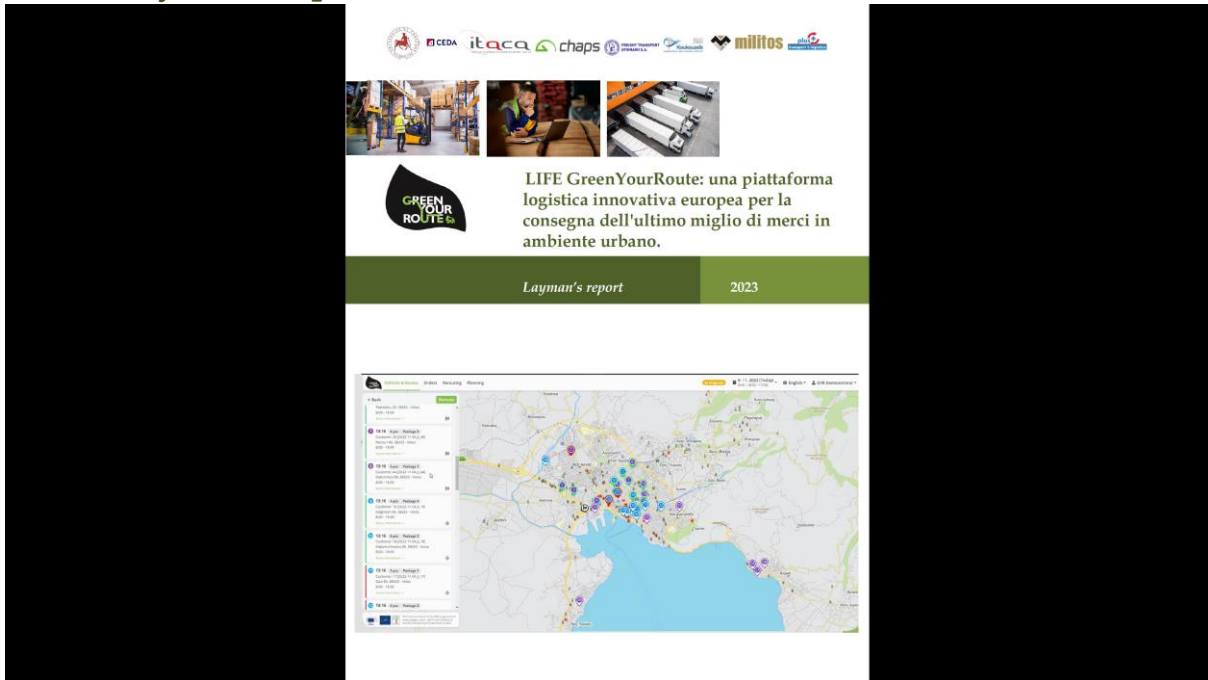
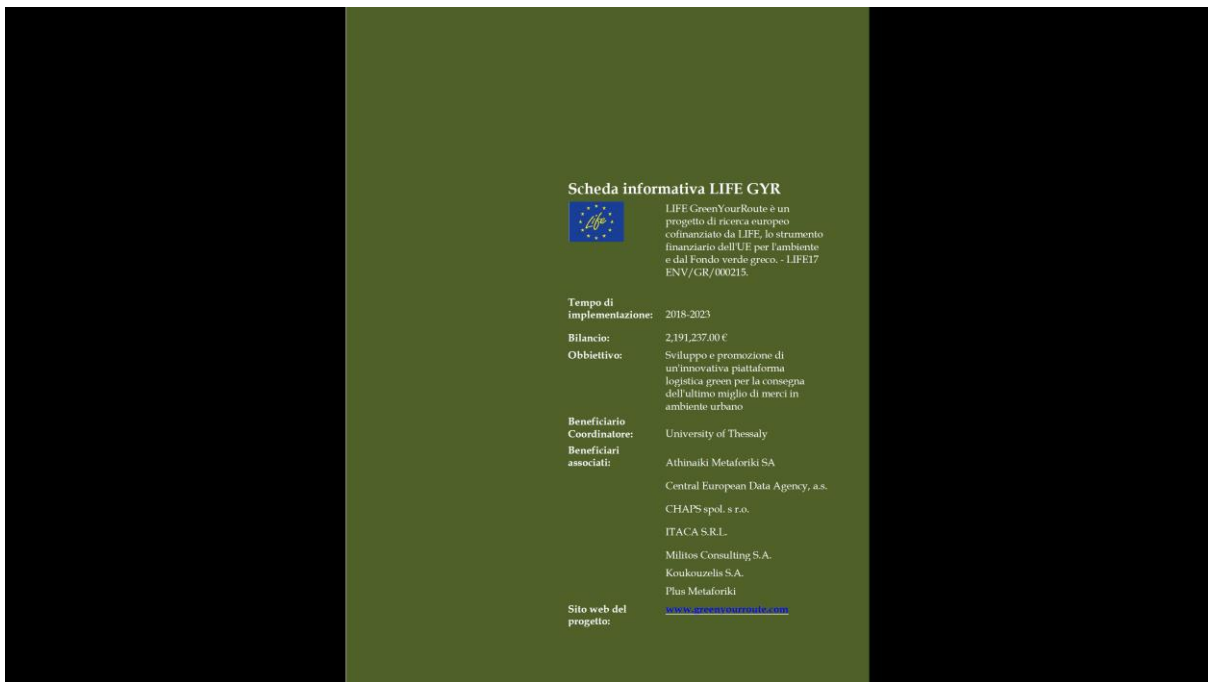
☎ +30 697740429

@ [greenyourroute@gmail.com](mailto:greenyourroute@gmail.com)



LIFE GreenYourRoute  
Ενημερωτικό Δελτίο - LIFE17  
ENV/GRI/000215

### 5.3 Layman's report Italian version

**Scheda informativa LIFE GYR**

LIFE GreenYourRoute è un progetto di ricerca europeo cofinanziato da LIFE, lo strumento finanziario dell'UE per l'ambiente e dal Fondo verde greco. - LIFE17 ENV/GR/000215.

**Tempo di implementazione:** 2018-2023

**Bilancio:** 2.191.237,00 €

**Obbiettivo:** Sviluppo e promozione di un'innovativa piattaforma logistica green per la consegna dell'ultimo miglio di merci in ambiente urbano.

**Beneficiario**  
**Coordinatore:** University of Thessaly

**Beneficiari associati:** Athinaiki Metaforiki SA  
 Central European Data Agency, a.s.  
 CHAPS spol. s r.o.  
 ITACA S.R.L.  
 Militos Consulting S.A.  
 Koukouzelis S.A.  
 Plus Metaforiki

**Sito web del progetto:** [www.greenyourroute.com](http://www.greenyourroute.com)



LIFE GreenYourRoute - Innovative Green Logistic Platform | 3

*Pensa verde*

*Pianifica*

*verde*

*Goditi un ambiente sano*

[www.greenyourroute.com](http://www.greenyourroute.com)

LIFE GreenYourRoute - Innovative Green Logistic Platform

## *Sai quanto è verde la tua pianificazione del percorso?*

Il trasporto merci è uno dei settori più essenziali per lo sviluppo economico nell'UE. Quasi ogni attività economica nelle aree urbane dipende dal movimento delle merci attraverso i vettori merci. Il settore dei trasporti rappresenta il 23,2% (1.026,2 MT) di tutte le emissioni di gas serra dell'UE e il 33,2% (352,9 Mtep) di tutto il consumo energetico dell'UE.

L'analisi della Commissione europea mostra che mentre si possono ottenere tagli più profondi in altri settori dell'economia, è necessaria una riduzione di almeno il 60% delle emissioni entro il 2050 rispetto al 1990 (cioè corrisponderebbe a tagli delle emissioni di circa il 70% rispetto ai livelli del 2008) dal settore dei trasporti, che rappresenta una fonte di emissioni significativa e ancora in crescita. Entro il 2030, l'obiettivo per i trasporti sarà quello di ridurre le emissioni di circa il 20% rispetto al livello del 2008. Dato il sostanziale aumento delle emissioni dei trasporti negli ultimi due decenni, ciò li porrebbe ancora dell'8% al di sopra del livello del 1990.



*E se potessi ridurre la tua impronta di carbonio con una semplice pianificazione ecologica?*

LIFE GreenYourRoute - Innovative Green Logistic Platform

## *LIFE GreenYourRoute: Un'innovativa piattaforma logistica Green*

Disponibile su

[www.greenyourroute.com](http://www.greenyourroute.com)



L'obiettivo principale del progetto LIFE GreenYourRoute è contribuire all'attuazione degli obiettivi specifici per l'aria e le emissioni nella tabella di marcia per un'Europa efficiente nell'impiego delle risorse. Nello specifico il progetto:

- integra gli approcci all'attuazione della legislazione sulla qualità dell'aria sviluppando e promuovendo un'innovativa piattaforma di pianificazione del percorso logistico verde.
- facilita il rispetto delle norme dell'Unione in materia di qualità dell'aria e relative emissioni atmosferiche, compresa la direttiva sui limiti nazionali di emissione, riducendo la produzione di emissioni non a effetto serra e di gas a effetto serra nelle regioni urbane.



LIFE GreenYourRoute - Innovative Green Logistic Platform

## *Usa la piattaforma per pianificare i tuoi piani di routing giornalieri*

Impostare:

- Carica i dati dei clienti
- Carica i dati del veicolo

Pianificazione:

- Aggiungere ordini
- Selezionare i veicoli

Monitoraggio dal vivo



*LIFE GreenYourRoute  
è il pianificatore più  
ecologico, semplice e  
veloce per la  
pianificazione  
giornaliera del  
percorso.*

LIFE GreenYourRoute - Innovative Green Logistic Platform

## Usa le applicazioni GYR per...

### ... crea i tuoi piani di viaggio giornalieri.

Per le PMI che desiderano preparare in modo digitale e ottimizzato i propri piani di viaggio giornalieri, è stata sviluppata un'applicazione web di facile utilizzo. Le PMI possono aggiungere/rimuovere/modificare clienti, veicoli e ordini sulla mappa o caricando file compatibili con diversi formati (es. excel, txt). L'applicazione web GYR è disponibile tramite web e molto facile da usare!



### ...riprogramma in tempo reale i tuoi piani di viaggio.



Una funzionalità di riprogrammazione è disponibile per il servizio GYR. La riprogrammazione riguarda funzionalmente le revisioni dell'ultimo minuto del piano di instradamento giornaliero inizialmente preparato in modo che la richiesta dell'ultimo minuto dei clienti venga presa in considerazione senza aumentare significativamente l'impatto socio-economico e ambientale dell'implementazione del piano di instradamento.

### ... calcola le tue emissioni.

Per calcolare le emissioni prodotte è stata sviluppata una nuova metodologia di calcolo delle emissioni caso-specifica. Tutti i fattori di emissione sono stati omogeneizzati per formulare una metodologia comune per calcolare le emissioni dai piani di instradamento giornalieri. Contatta il team LIFE GreenYourRoute per integrare i modelli di calcolo delle emissioni sviluppati nella tua metodologia di pianificazione del percorso.



LIFE GreenYourRoute - Innovative Green Logistic Platform

## GreenYourRoute to Green Your Europe

### Migliore qualità dell'aria

È stato stabilito un protocollo di monitoraggio basato su una nuova metodologia di inventario delle emissioni, che è stata applicata nella pianificazione giornaliera del percorso di 8 società di logistica al fine di valutare l'impatto ambientale del problema.

Dimostrazione nella vita reale - Periodo di 17 mesi	
	Salvato
Chilometri	883.118,87
Itinerari	1.648
Combustibile consumato ed Emissioni emesse	
FC (tonni)	1.571,247
CO2 (tonni)	4.964,767
CH4 (chilogrammi)	157,895
CO (chilogrammi)	18.270,855
N2O (chilogrammi)	98,262
NH3 (chilogrammi)	31,742
NOx (tonni)	39,114
PM (chilogrammi)	481,661
VOC (chilogrammi)	2.011,262
SO2 (Chilogrammi)	101,559

Per la stima della quantità di emissioni risparmiate dopo il lancio della piattaforma GreenYourRoute, sono stati inclusi i dati relativi alla pianificazione giornaliera del percorso per 17 mesi di pratica reale.

Emissioni	Salvato/anno
FC (Tonnellate/anno)	1.747,40
CO2 (tonnellate/anno)	5.512,65
CH4 (Chilogrammi/anno)	302,09
CO (Chilogrammi/giorno)	71,43
N2O (Chilogrammi/giorno)	116,96
NH3 (Chilogrammi/giorno)	0,17
NOx (tonnellate/anno)	46,91
PM (chilogrammi/giorno)	2,70
COV (chilogrammi/giorno)	9,47
SO2 (Chilogrammi/giorno)	0,47

In totale, sono stati salvati più di 800.000 km e più di 1.600 percorsi utilizzando il servizio LIFE GYR. Sono state risparmiate rispettivamente più di 1.500,4.900 e 39 tonnellate di CO2 e NOx di carburante. Inoltre, grazie alla piattaforma GYR sono stati risparmiati più di 150 kg di CH4, 18.000 kg di CO, 98 kg di N2O, 30 kg di NH3, 481 kg di PM, 2.000 kg di COV e 100 kg di SO2.

LIFE GreenYourRoute - Innovative Green Logistic Platform

## Cambia il modo in cui pianifichi.

### Quali sono i vantaggi del servizio LIFE GreenYourRoute per lo sviluppo socio-economico?

I benefici socio-economici più importanti del progetto sono:

#### Consapevolezza pubblica

L'importanza di tutti gli obiettivi del progetto e il loro effetto sulla qualità dell'aria sono stati comunicati attraverso diversi media (sito web, social media, bacheche, volantini, newsletter, video, pubblicazioni scientifiche) e attività (workshop, webinar, partecipazione a conferenze, workshop e eventi, networking con altri progetti, attività di promozione diretta). La risposta delle società di logistica è stata notevole.

#### Aggiornamenti delle norme

Raccomandazioni riguardanti la nuova legislazione per la logistica verde sono state fatte dal progetto LIFE GreenYourRoute all'ente logistico nazionale della Grecia.

#### Accettazione del mercato

È stata costituita la società GreenYourRoute e sono stati firmati 8 contratti con società di logistica. L'API delle emissioni di CO<sub>2</sub>e ha attirato l'interesse di diverse società di logistica che richiedono di calcolare la loro impronta di carbonio annuale.

#### Accettazione del servizio GreenYourRoute

Dal lancio della piattaforma GreenYourRoute nel dicembre 2021, più di 180 utenti del servizio sono stati formati e più di 130 utenti sono utenti attivi del web e delle app mobile.

#### Contattaci

✉ Dipartimento di Ingegneria Meccanica, Università di Tessaglia Levoforos Athinou, Pedion Areos, 26534 Volos, Grecia

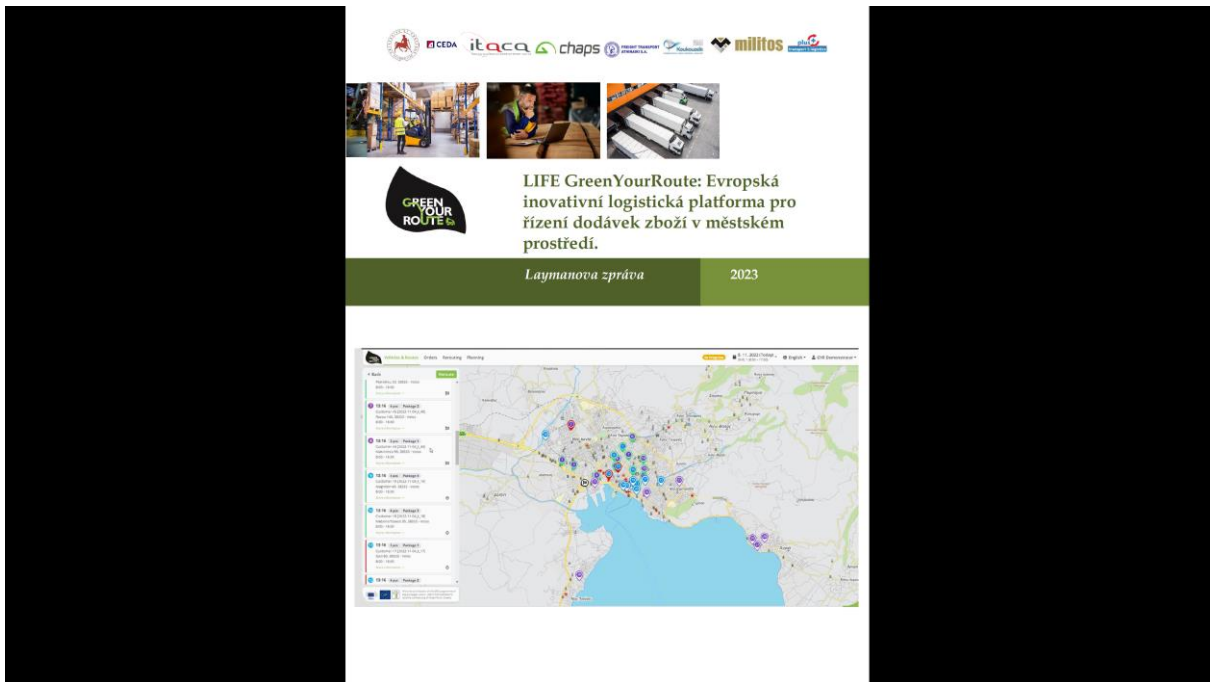
☎ +30 697740429

✉ [greenyourroute@gmail.com](mailto:greenyourroute@gmail.com)



LIFE GreenYourRoute  
Rapporto dei profani - LIFE17  
ENV/GCR/000215

## 5.4 Layman's report Czech version



**LIFE GreenYourRoute: Evropská inovativní logistická platforma pro řízení dodávek zboží v městském prostředí.**

Laymanova zpráva 2023

### O projektu LIFE GYR



LIFE GreenYourMove je evropský výzkumný projekt spolufinancovaný programem LIFE, finančním nástrojem EU pro oblast životního prostředí - LIFE17 ENV/GR/00215.

**Období realizace:** 2018-2023

**Rozpočet:** 2,191,237,00 €

**Cíl:** Vývoj a propagace inovativní logistické platformy pro řízení dodávek zboží v městském prostředí

**Koordinující příjemce:** University of Thessaly

**Přidružení příjemci:** Alhainiki Metaforiki SA  
Central European Data Agency, a.s.  
CHAPS spol. s r.o.  
ITACA S.R.L.  
Militos Consulting S.A.  
Koukouzele S.A.  
Plus Metaforiki

**Projektové stránky:** [www.greenyourroute.eu](http://www.greenyourroute.eu)

LIFE GreenYourRoute - Inovativní logistická platforma |3

*Myslete zeleně*

*Plánujte zeleně*

*Užívejte si zdravého životního prostředí*

[www.greenyourroute.com](http://www.greenyourroute.com)

LIFE GreenYourRoute - Inovativní logistická platforma |6

## *Víte, jak zelené je vaše plánování trasy?*

Nákladní doprava je jedním z nejdůležitějších odvětví hospodářského rozvoje v EU. Téměř každá hospodářská činnost v městských oblastech závisí na pohybu zboží zajišťovaném nákladními dopravci. Sektor dopravy produkuje 23,2 % (1 026,2 Mt) všech emisí skleníkových plynů v EU a tvoří 33,2 % (352,9 Mtoe) veškeré spotřeby energií v EU.

Analýza Evropské komise ukazuje, že zatímco v jiných odvětvích hospodářství lze dosáhnout výraznějších úspor, v sektoru dopravy, který je významným a stále rostoucím zdrojem emisí, je zapotřebí snížení emisí do roku 2050 v porovnání s úrovní roku 1990 o nejméně 60 % (to by odpovídalo snížení emisí přibližně o 70 % oproti úrovni roku 2008). Do roku 2030 bude cílem snížit emise v dopravě zhruba o 20 % oproti úrovni z roku 2008. Vzhledem k postlatnému nárůstu emisí z dopravy za poslední dvě desetiletí by to stále znamenalo 8 % nad úroveň roku 1990.



*Co kdybyste mohli snížit svou uhlíkovou stopu jednoduchým zeleným plánováním?*

LIFE GreenYourRoute - Innovative Green Logistic Platform | 5

## *LIFE GreenYourRoute: Inovativní logistická platforma*

Dostupné na

[www.greenyourroute.com](http://www.greenyourroute.com)



Hlavním cílem projektu LIFE GreenYourRoute je přispět ke zlepšení kvality ovzduší snížením emisí z dopravy dle Plánu pro Evropu účinněji využívající zdroje. Projekt:

- integruje metodiky právních předpisů na ochranu ovzduší vývojem nové inovativní platformy pro logistického plánování,
- napomáhá plnění unijních norem a cílů v oblasti kvality ovzduší (včetně Směrnice o národních emisních stropcích), a to snížením produkce emisí skleníkových i ostatních plynů v městských oblastech.



LIFE GreenYourRoute - Inovativní logistická platforma | 6

## *Používejte platformu GYR k tvorbě a správě svých denních plánů tras zboží*

Úvodní nastavení:

- Nahrání údajů o zákaznících
- Nahrání dat o vozidlech

Plánování tras:

- Přidání objednávek
- Výběr vozidel

On-line přehled



*LIFE GreenYourRoute  
je nejzelenější,  
nejjednodušší a  
nejrychlejší nástroj  
pro každodenní  
plánování tras.*

LIFE GreenYourRoute - Innovative Green Logistic Platform 17

## Pomocí aplikací GYR...

### ... vytvářejte své denní plány tras.

Pro potřeby malých a středních podniků, které chtějí elektronicky plánovat své optimální denní trasy, byla vyvinuta snadno použitelná webová aplikace. Dispečeré mohou přidávat/odebrat/upravovat zákazníky, vozidla a objednávky na mapě nebo nahrávat data pomocí souborů několika formátů (např. excel, txt). Používat webovou aplikaci GYR je velmi snadné!



### ... upravte v reálném čase své již vytvořené plány.



Platforma GYR má k dispozici funkci úpravy plánů tras. Funkcionalita umožňuje na poslední chvíli revidovat již vytvořené denní plán tras tak, aby bylo možné zohlednit změny v požadavcích zákazníků, a to bez významného zvýšení socio-ekonomických a environmentálních dopadů.

### ... vypočítejte své emise.

V rámci projektu byla vyvinuta nová metodika výpočtu produkovaných emisí. Všechny emisní faktory byly převezeny na společný jmenovatel za účelem formulování konzistentní metodiky pro výpočet emisí z denních plánů tras. Kontaktujte tým LIFE GreenYourRoute a integrujte vyvinuté modely výpočtu emisí do vašeho plánování tras.



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## „GreenYourRoute to Green Your Europe“

### Zlepšení kvality ovzduší

Pro posouzení environmentálních dopadů zavedení nové metodiky výpočtu emisí byl vytvořen monitorovací protokol, který byl aplikován při denním plánování tras u osmi logistických společností.

Za účelem stanovení úrovně snížení emisí byla po spuštění platformy GreenYourRoute zahrnuta data související s denním plánováním tras za období 17 měsíců provozu.

Celkově bylo pomocí služby LIFE GYR ušetřeno více než 800 000 km a více než 1 600 tras. Bylo ušetřeno více než 1 500 tun paliva, 4 900 tun CO<sub>2</sub> a 39 tun NO<sub>x</sub>. Kromě toho díky platformě GYR došlo ke snížení emisí o více než 150 kg CH<sub>4</sub>, 18 000 kg CO, 98 kg N<sub>2</sub>O, 30 kg NH<sub>3</sub>, 481 kg PM, 2 000 kg VOC a 100 kg SO<sub>2</sub>.

Demonstrační fáze (období 17 měsíců)	
	Úspora
Kilometry	883118,87
Trasy	1648
Spotřebované palivo a vyprodukované emise	
FC (t)	1373,247
CO <sub>2</sub> (t)	4964,767
CH <sub>4</sub> (kg)	157,895
CO (kg)	18.270,855
N <sub>2</sub> O (kg)	98,282
NH <sub>3</sub> (kg)	31,742
NO <sub>x</sub> (t)	39,114
PM (kg)	481,661
VOC (kg)	2011,292
SO <sub>2</sub> (kg)	101,559

Emise	Úspora
FC (t/rok)	1747,80
CO <sub>2</sub> (t/rok)	5512,63
CH <sub>4</sub> (kg/rok)	202,09
CO (kg/rok)	71,43
N <sub>2</sub> O (kg/rok)	116,96
NH <sub>3</sub> (kg/rok)	0,17
NO <sub>x</sub> (t/rok)	46,91
PM (kg/rok)	2,70
VOC (kg/rok)	9,47
SO <sub>2</sub> (kg/rok)	0,47



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## Změňte způsob tvorby plánů.

### Jaké jsou socio-ekonomické přínosy projektu LIFE GreenYourRoute?

Nejdůležitějšími socio-ekonomickými přínosy projektu jsou:

#### Zlepšení environmentálního směřování ve veřejném prostředí

Význam všech cílů projektu a jejich vliv na změnu kvality ovzduší byl sdílen prostřednictvím mnoha komunikačních kanálů (webových stránek, sociálních sítí, informačních tabulí, letáků, informačních buletinů, videí, vědeckých publikací) a také díky pořádání workshopů a webinářů, účastí členů projektového týmu na konferencích a seminářích, udržování kontaktů s jinými projekty a přímé propagaci. Odezva ostatních byla mimořádná.

#### Pozměňovací návrhy legislativy

Doporučení týkající se nové legislativy pro zelenou logistiku byla v rámci projektu LIFE GreenYourRoute řeckému předložena Národnímu výboru pro logistiku.

#### Vstup na trh

Byla založena společnost GreenYourRoute a bylo podepsáno 8 smluv s logistickými společnostmi. O GYR API pro vytvoření emise projevilo zájem několik logistických společností, které vyžadují kalkulaci své roční uhlíkové stopy.

#### Přijetí služby GreenYourRoute

Od spuštění platformy GreenYourRoute v prosinci 2021 bylo vyškolen více než 180 osob, webová a mobilní aplikace GYR mají více než 150 aktivních uživatelů.

#### Kontaktujte nás

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