

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

*Deliverable D2: Report with the most important points resulted during the workshops, conferences and events participation (updated after each workshop, conference or event)*

**Partner responsible for this report: MILITOS CONSULTING S.A.**

## Document Information Summary

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<b>Sub-action:</b>	<b>D2.2: Organization and implementation of Workshops</b>
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**Disclaimer:**

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## 1 Introduction

This report, part of action D.2 Direct communication and workshops, Sub-action D2.2: Organization and implementation of Workshops, to outline the dissemination activities of the GYR consortium carried out to raise awareness of the project and project results and to disseminate these results to different target groups by establishing and using multiple channels for communication and dissemination. The purpose of this deliverable is to outline the dissemination activities of GYR consortium carried out to raise awareness of the project and project results and to disseminate these results to different target groups especially through the workshops organized.

In summary, the report will demonstrate the project's engagement with various stakeholders and main target group mainly via the workshops.

However, it is important to acknowledge that the COVID-19 pandemic significantly affected the project's networking capabilities. As the project started yielding outcomes, numerous physical events and conferences were cancelled, and work at industrial sites experienced delays or complete halts. In-person networking and clustering activities were severely restricted due to national and organizational travel limitations. From early to mid-2022, all networking and clustering activities were conducted online due to these circumstances.

## 2 About the project

The EU funded project "LIFE GreenYourRoute" is an ambitious initiative aimed at promoting sustainable and eco-friendly transportations solutions withing the European Union.

The main aim of the 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 includes a set of tools and services that promote eco-efficient sustainable freight transport operations in urban regions, via environmental-friendly vehicle routing decisions. At the same time, it addresses driving eco-requirements as well as operational cost efficiency through an innovative environmental assessment approach.

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.

### 3 Overview of the Action

The main aim of Action D2 is to attract new clients for GYR Company, to extend the strategic partnerships and to strengthen its visibility and reputation among the national and international industry, research community, policymakers and the general public.

More specific objectives include:

- To convince logistic and 3PL companies to invest and become GYR Platform Users.
- To create synergies with companies that offer ERP and SaaS services for further replication in National and EU level
- To raise awareness of the project and the project results and to disseminate these results to different target groups by establishing and using multiple channels for communication and dissemination of the project outcomes and by organization of outreach workshop.
- To bring together national and international stakeholders including decision makers, public servants, businesses, and to initiate a dialogue between these stakeholders.

The primary objective of the communication and dissemination activities is the timely provision of appropriate and reliable information to all end users and target groups about GYR project, as well as the expected achievement and project goals across all relevant stages of the project.

Due to the situation with conferences, travels, site visits caused by the COVID-19 pandemic and other delays, GYR consortium attended the events that were considered important.

### 4 Dissemination Activities organized by GYR Consortium

This section outlines dissemination activities that were successfully organised by GYR consortium during the project's duration. The activities are listed in chronological order.

Participation in external events			
8th ITS Hellas Conference "Transportation & Logistics 2022: Research.Reshape.Innovate",	7-8 December 2022	Online Participation	Militos
5th ITS Hellas Conference "Transportation & Logistics 2022: Research.Reshape.Innovate",	17-18 December 2019	Attendance	Militos
7th ITS Hellas Conference "Transportation & Logistics 2022: Research.Reshape.Innovate",	8-9 December 2021	Online Participation	Militos
KEDE conference Volos (Municipalities Gathering)	21-23 November 2022	Flyers, Attendance	Militos
24rd Leading Supply Chains in a disruptive world 23-24 September 2022	23-24 September 2022	Online Participation	Militos
LIFE GREEN MOBILITY Platform Meeting	12 & 13 October 2022	Online Participation	Militos
24rd Leading Supply Chains in a disruptive world	23-24 September 2022	Online Participation	Militos
Presentation of GYR Project   Online Event "LIFE and SMEs" UTH/MILITOS	26 May 2021	Online Presentation	Militos
VEHICLE ROUTING SYSTEMS 1. CALCULATION AND MANDATORY RECORDING OF CARBON FOOTPRINT (DIRECT & INDIRECT GREENHOUSE GAS EMISSIONS) UNDER THE NEW CLIMATE LAW 4936, 2. ROUTING TOOLS TO ACHIEVE OF ITS DESIRED OBJECTIVES OF REDUCTION		30-Nov-22 Online Presentation	UTH
9TH INTERNATIONAL CONFERENCE ON ENERGY, SUSTAINABILITY AND CLIMATE CRISIS	29 August – September 2, 2022	Presentation	UTH
8TH INTERNATIONAL CONFERENCE ON ENERGY, SUSTAINABILITY AND CLIMATE CRISIS	August 30 – September 3, 2021	Presentation	UTH
7TH INTERNATIONAL CONFERENCE ON ENERGY, SUSTAINABILITY AND CLIMATE CHANGE	August 24-27, 2020	Presentation	UTH

## 5 Introduction and objectives of the workshops

Each workshop was meticulously designed to establish connections with stakeholders in the logistics industry and provide them with an opportunity to familiarize themselves with the GYR platform and the newly introduced legal framework regarding carbon footprint.

The primary objective of these workshops was to showcase the functionalities of the platform, including its web and smartphone applications, and emphasize the advantages and added value it offers to SMEs and stakeholders. The workshops also aimed to collect valuable feedback from participants, address the significance of the GYR certificate, and explore potential strategies for integrating it into companies' marketing plans. Finally, to bring policymakers in the loop and provide them insight that they could use at a later stage when working towards climate-neutral transportation policies.

Subsequently, the feedback obtained from these workshops will be utilized to refine and enhance the online tool accordingly. In total 9 Workshops events should have been organized in Greece (by Militos), Italy (by ITACA), and Czech Republic (CEDA) from which 8 finally took place.

The workshops brought together GYR partners, representatives of different specialties related to the sector of logistics and all the abovementioned stakeholders (logistics business owners, drivers, freelancer, EU policy makers, executive managers etc.) in order to share knowledge, discuss options and provide recommendations.

The workshop aimed to achieve the following primary objectives:

1. Showcase GYR platform and emphasize the benefits and added value that SMEs and the EU can attain by utilizing it, with the goal of incorporating it into an updated EU directive.
2. Gather feedback to enhance the functionality of the final version of the GYR platform.
3. Present a comprehensive package solution that incorporates the marketing advantages of the GYR certificate and engage in discussions on potential ways to integrate it into companies' marketing plans, corporate social responsibility (CSR) initiatives, and Sustainable Development Goals (SDGs) reports.
4. Secure mandates and contracts with new clients for GYR Company, if applicable, or establish the groundwork to finalize a contract before the project concludes.
5. Inform policymakers

## 6 Content & preparation of workshops

Given the dynamic nature of the pandemic situation, hybrid events have emerged as a feasible solution for organizing workshops. Hybrid events offer a combination of in-person and digital participation experiences. The hybrid workshops were conducted in the usual manner, with a portion of the attendees physically present and the remaining participants joining remotely through live streaming. It is important to note that both digital and physical participants had equal experiences in terms of quality, interaction, viewing, and accessibility.

During the workshops, each partner demonstrated the platform (both the web and smartphone apps) and highlighted the benefits and the added value that:

- a) SMEs gain (environmental and socio-economic benefits) by using it for their daily routing planning and
- b) the EU gains (environmental and socio-economic benefits) by using it and include it in an updated EU directive.

In addition, by presenting the full package solution, it was important to demonstrate the marketing benefits of the GYR certificate that can be issued and, at the end, initiated a discussion on how to include it in the marketing plans, CSR, and SDG reports of potential companies.

To facilitate the process of the demonstration, UTH delivered promotional videos to be presented during the workshops:



- 1) a getting started video with basic description on how to use the web app,
- 2) a getting started video with basic description on how to use the mobile app and
- 3) a video dedicated to the SME's demonstrating that environmentally friendly routing solutions are also cost saving.

The ultimate goal of the workshops is to raise awareness on the fact that the efficiency of the transport system can be improved by using innovative digital technologies and convince the respective participants:

- a) policy makers to update EU environmental and transport legislations and directives as well as
- b) convince SMEs to shift to lower emission transportation models and follow green procurement rules.

The presenting material for the workshops was available to the responsible partners (translated in Greek by MILITOS, Italian by ITACA and Czech by CEDA).

Promotional material, produced by UTH was circulated to each participant including mousepads, notepads, folders, and brochures of GYR project.

In order to **promote** the workshops events the following steps were followed by each partner:

- Create a stakeholders database categorized by sector, position, location.
- invited via email prospective participants derived from the stakeholders database
- posted invitations in other related organizations
- used promotive posts on the project's website
- posted on the website
- shared posts on social media
- made a targeted sponsored campaign on social media
- Use channels dedicated to logistics and 3PL companies (i.e Supply Chain magazine)

To **monitor** the process, partners asked prior to the event registration via email or online (optional) and of course followed-up with contacted prospective participants 2 days and a reminder up to the day of the event.

## 7 Indicative structure of the workshops

Structure	Estimated duration
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<b>1. Participants' welcome and acquaintances, signing of the list of participants list (Annex I)</b>	10'
<b>2. Overview of the GYR project and its aims</b>	20'
<b>3. Short presentation of the rationale, value, structure, and operation of GYR platform and its features</b>	30'
<b>4. Video Presentations</b>	20'
<b>5. Break</b>	10'
<b>6. Participants' testing of the platform</b>	30'
<b>7. Evaluation of the tool and the overall workshop by participants</b>	10'
<b>8. Networking/Separate Pitching</b>	30'

Each workshop had a maximum duration of 2 and a half hours, as outlined in **nb**. The minimum requirement was to have 4 speakers for each session, ensuring a diverse range of perspectives and expertise. To ensure smooth workshop organization, a comprehensive checklist is provided in Annex II, outlining the key steps and considerations.

Following the completion of each workshop, participants were asked to fill in questionnaires, provide feedback on their experience with the apps. This valuable feedback helps us improve the functionality and user-friendliness of the applications.

## 8 Identification of Workshop Events Participants

In addition to participating in the event, one of our objectives was to attract a minimum of 1 new customer per workshop. Our aim was to establish a strong connection with potential clients who would then sign a contract with GreenYourRoute before the project's conclusion.

The following are the three primary workshop target groups:

- A. SMEs from logistic and 3PL companies: Representatives, managers and other executives, Staff persons responsible for designing and implementing the routing plans of the company, staff from the CSR and marketing department and drivers.

- B. Relevant and interested stakeholders: CSR associations-oriented corporations with clear SDGs commitment; Routing planners from the waste collection departments of municipalities; Other related governmental organizations and NGOs as Responsible consumers' and logistics associations; Road Safety Organizations and Associations.
- C. Potential policy makers or entities influencing policy makers: Policy makers of European Union Environmental and Transport policy.

## 9. Workshop evaluation and reporting

At the conclusion of each workshop, the partner in charge gathered evaluations from participants either online or through printed forms.

The target participants, including drivers, EU policy makers, and managers, assessed the platform's user-friendliness and usefulness, and also identified specific routing needs that could be addressed through the GYR platform. Detailed feedback was provided to further enhance the platform's effectiveness. An analysis summarizing the responses was analyzed by each partner in national workshop reports using the national workshop report template available in Annex IV.

The workshops concluded with open discussions and networking activities that served to recapitulate key points discussed and evaluate the effectiveness of the application in relation to the needs of the target groups. The participants exhibited a strong level of interest, as the project's provisions resonated with professionals at a personal level and were deemed highly valuable for organizations and institutions alike.

## 10. Description of workshops

### 1st Workshop in Greece:

- ✓ 15 February 2023 | 17.00 | Military Museum | Athens
- ✓ 30 Participants – In person
- ✓ 142 Views - Youtube channel
- ✓ Agenda (in Greek)
- ✓ Link: <https://www.youtube.com/watch?v=jvIX3PEcSVM&t=1671s>

On February 15, 2023, the first workshop was held at the Military Museum in Athens with the aim of raising awareness about the significant potential for improving the efficiency of the transport system through the adoption of innovative digital technologies. The workshop sought to influence policy makers to update EU environmental and transport legislations and

directives in line with this paradigm shift. Additionally, the workshop aimed to persuade small and medium-sized enterprises (SMEs) to transition towards lower emission transportation models and adhere to green procurement rules. The event attracted a total of 30 participants who attended in person, engaging in insightful discussions and knowledge sharing. Moreover, the workshop garnered a wide online viewership, with 110 views recorded on the workshop's YouTube channel, extending the reach of the initiative beyond the physical attendees. The workshop served as a pivotal platform for initiating meaningful conversations and encouraging stakeholders to embrace sustainable transportation practices.

### **2nd Workshop in Greece:**

- ✓ 27 March 2023 | 17.30 | YMCA | Room 303/2nd Floor | Thessaloniki
- ✓ 15 Participants - In person
- ✓ 71 Views - Youtube channel
- ✓ 97 Views - Facebook page
- ✓ Agenda (in Greek)
- ✓ Link: [https://www.youtube.com/watch?v=YM\\_D-PZSEyg&t=4s](https://www.youtube.com/watch?v=YM_D-PZSEyg&t=4s)

The 2nd workshop, held on March 27, 2023, at the YMCA in Thessaloniki, aimed to raise awareness about the significant potential for improving the efficiency of the transport system through the utilization of innovative digital technologies. The workshop had a dual objective of influencing policy makers to update EU environmental and transport legislations and directives, while also persuading small and medium-sized enterprises (SMEs) to transition towards lower emission transportation models and adopt green procurement practices. With a total of 15 participants attending the workshop in person, lively discussions and knowledge exchange took place in Room 303 on the 2nd floor of the YMCA. Additionally, the workshop generated online traction, with 36 views on the dedicated YouTube channel and 74 views on the workshop's Facebook page. The agenda was provided in Greek, ensuring accessibility and fostering engagement among the attendees. This workshop served as a significant platform for fostering dialogue and encouraging stakeholders to embrace sustainable transportation practices, leveraging the power of digital technologies.

### **3rd Workshop in Greece:**

- ✓ 26 April 2023 | 17.00 | Centre for Culture and Arts "Theatini" | 1st Floor | Volos
- ✓ 13 Participants - In person
- ✓ 39 Views - Youtube channel

- ✓ 190 Views – Facebook page
- ✓ Agenda (in Greek)
- ✓ Link: <https://www.youtube.com/watch?v=TfCbWcXbFr0>

The 3rd workshop, scheduled for April 26, 2023, took place at the Centre for Culture and Arts "Theatini" in Volos. Its primary objective is to raise awareness about the significant potential for improving the efficiency of the transport system through the utilization of innovative digital technologies. By showcasing the benefits and possibilities offered by these technologies, the workshop aims to influence policy makers to update EU environmental and transport legislations and directives. Furthermore, it aims to encourage small and medium-sized enterprises (SMEs) to embrace lower emission transportation models and adopt green procurement rules. With a maximum capacity of 13 participants, the workshop fostered interactive discussions and knowledge sharing on the 1st floor of the Centre for Culture and Arts "Theatini." The event also utilized online platforms such as YouTube and Facebook to reach a wider audience and extend the impact of the workshop beyond the in-person participants. Detailed information regarding the number of views on the YouTube channel and Facebook page is yet to be determined. The workshop in Volos play a crucial role in promoting sustainable transportation practices and driving the adoption of innovative digital solutions.

### **1st Workshop in Czech Republic:**

**20.-22.9.2022 URBIS SMART CITY FAIR (Brno, Czechia)**

At the URBIS SMART CITY FAIR, CEDA seized the opportunity to showcase our innovative platform, GreenYourRoute, to an audience of experts and professionals in the Smart city domain. Our participation included a dedicated workshop where we presented the unique features, capabilities, and benefits of GreenYourRoute. The workshop served as an interactive session, providing a platform for in-depth discussions, knowledge sharing, and insights into the potential of our platform in transforming last-mile delivery in urban environments. During the workshop, we demonstrated the functionalities of GreenYourRoute, highlighting its ability to optimize delivery routes, reduce carbon emissions, and enhance overall logistics efficiency. In addition to the workshop, we also set up a prominent company stand at the event. This stand served as a dedicated space for potential customers and stakeholders to visit

and learn more about GreenYourRoute. Our team of experts was present at the stand, providing personalized demonstrations, answering questions, and engaging in discussions with interested parties. This direct interaction with potential customers allowed us to better understand their specific requirements and challenges, while also showcasing the value and capabilities of GreenYourRoute as a cutting-edge logistics solution for urban environments.

### **2nd Workshop in Czech Republic:**

**14.-16.9.2022** - TelematicsCEEurope conference & expo (Lublana, Slovenia)

During CEDA's participation at the TelematicsCEEurope conference and expo, CEDA had the valuable opportunity to engage with stakeholders from the telematics industry and discuss the outcomes of our project. This event, with a strong focus on fleet management, attracted over 100 experts and professionals from the telematics field. We seized this platform to discuss the achievements and impact of our project, sharing insights and lessons learned with industry peers. Through engaging conversations and networking sessions, we were able to exchange ideas, gather feedback, and explore potential collaborations within the telematics industry. The event provided a conducive environment to showcase our project's contributions.

### **3rd Workshop in Czech Republic:**

**18.-20.4.2022** (19.4.) 10th Conference of the Czech Parking Association (Kouty, Czechia)

CEDA's participation in the 10th Conference of the Czech Parking Association provided us with a valuable opportunity to present the outcomes of our project to an esteemed audience. This conference, dedicated also to the field of city logistics brought together industry professionals, policymakers, and experts from the Czech Republic and beyond. During the event, CEDA showcased the results and impact of our tool GreenYourRoute, highlighting the innovative solutions and advancements we have achieved in the project. Through presentation CEDA was able to engage with the attendees, exchanging knowledge, insights, and best practices in useful for city logistics, emissions decrease and last mile delivery.

### **1st Workshop in Italy:**

On April 6, 2023, the first workshop was held at the Itaca S.r.l. head office with the aim of promote the adoption of innovative digital technologies to improve energy-efficient urban freight transport. The workshop involved transport companies and showed as will be a crucial area of investment in the coming years, so it is important to increase awareness in this area, but optimally research and development actions. Another important aim achieved is raising awareness of the logistics and logistics sector and improving its public image. During the workshop the functionalities of LiFE GYR app are presented in detail. The participants were interested and open to debate and knowledge sharing. They were very impressed by the data about the emissions and the possibile saving of kilometres, routes and CO2's and Nox's tones. The event attracted a total of 28 participants who attended in person.

### **2nd Workshop in Italy:**

On April 20, 2023, the second workshop was held at the head office of Itaca's partner company with the aim of promoting the adoption of innovative digital technologies to improve energy-efficient urban freight transport. The workshop involved IT companies and logistic companies and showed as environmentally friendly vehicle routing will be a crucial area of investment in the coming years, so it is important to increase awareness in this area, but optimally research and development actions. During the workshop the functionalities of LiFE GYR app are presented in detail. The participants were interested and open to debate and knowledge sharing. The event attracted a total of 21 participants who attended in person.









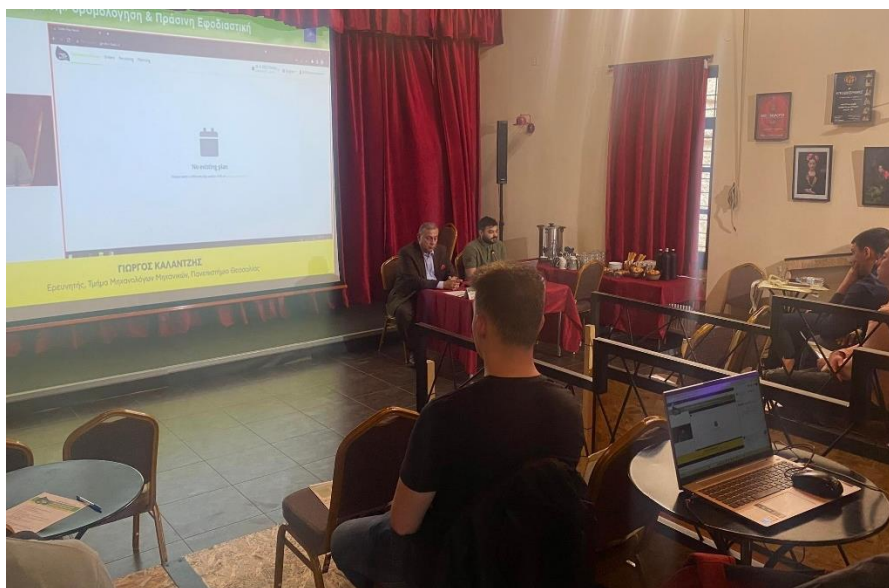














## 11. Impact of the Workshops

The quality of the workshops and the perceived satisfaction with its contents at all levels have been openly discussed during the open discussions at the closure of each workshop. Participants have stated that they have been highly satisfied with the project intervention and acknowledged the need for further support and interventions in the future with EU best practices.

Further to that, GYR project has developed three questionnaires to gather valuable information and feedback from different stakeholders participating in the workshops. These questionnaires were designed to collect specific insights from managers of companies, potential drivers, and policy makers. Here are the details of each questionnaire:

1. GreenYourRoute Questionnaire for Managers of Companies Participating in Workshops: This questionnaire is aimed at managers of companies who are attending the workshops. It seeks to gather their perspectives and experiences regarding green logistics and the GYR project. The questionnaire can be accessed at the following link: <https://forms.gle/s6VrpEy3pVBTUL1K6>.
2. GreenYourRoute Questionnaire for Potential Drivers Participating in Workshops: This questionnaire is intended for potential drivers who are participating in the workshops. It aims to gather their insights and opinions on green vehicle routing and the GYR project. In cases where a company does not have a driver attending the workshops, the manager participating in the workshop is requested to answer this questionnaire.



The questionnaire can be accessed at the following link:  
<https://forms.gle/8y6y5H7kbs4QNqCHA>.

3. GreenYourRoute Questionnaire for Policy Makers Participating in Workshops: This questionnaire is specifically designed for policy makers who are participating in the workshops. It aims to gather their feedback, insights, and recommendations on the integration of green vehicle routing in policy-making processes. The questionnaire can be accessed at the following link: <https://forms.gle/SDM9hMRdVzFdS7du5>.

These questionnaires play a crucial role in collecting data and opinions from diverse stakeholders, allowing the GYR project to better understand their perspectives and incorporate their insights into the project's development and implementation and their analysis is elaborated on the indicators deliverable provided by UT. The information gathered through these questionnaires will help shape future actions, improve the effectiveness of green logistics initiatives, and contribute to the overall success of the GYR project.

### **GreenYourRoute Questionnaire for managers beyond GYR Consortium (during workshops)**

In this section, a questionnaire was distributed to managers who are not part of the GYR Consortium but participated in the GYR workshops. The questionnaire was administered through a [Google form](#), and the collected responses will be analyzed and presented. A total of 121 individuals provided their answers to the questionnaire.

## The questionnaire questions

The questionnaire comprised of 25 questions, with an average estimated response time of 11 minutes. It was structured into five sections, each addressing different aspects related to the GYR application and its environmental impact. The first section focused on evaluating the quality of the GYR application, while the second section explored the Environmental Technology Verification program, assessing its credibility, sustainability, and overall attractiveness. The third and fourth sections delved into the performance of the routing process, while the fifth section aimed to gauge the environmental mindset of the participating managers.

## Responses analysis

The questionnaire was delivered to the workshops' participants in March and April 2023. The following responses were requested and received:

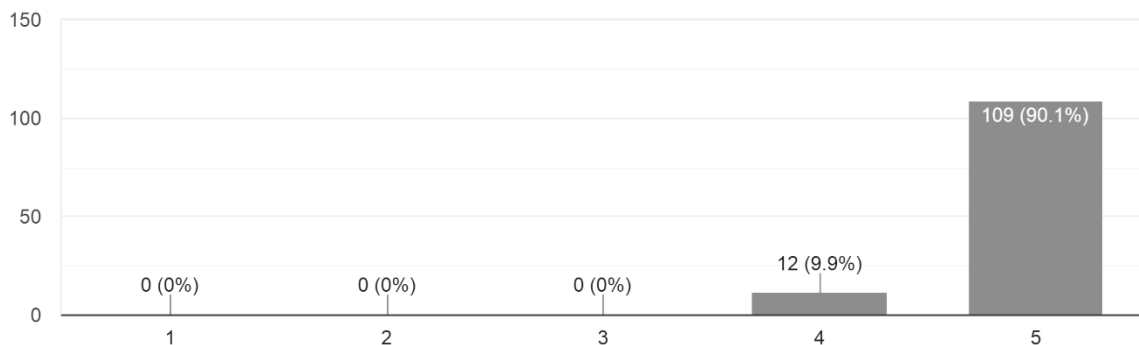
### GreenYourRoute application - First section

Participants of the questionnaire were asked to provide feedback on various aspects of the application, including its quality, design, ease of use, routing plan creation, information provided for orders and routing plans, tracking information quality, coverage of daily routing needs, and suggestions for additional services they deemed important to be included in the GreenYourRoute application. The collected responses have been visualized in the following graphs for presentation and analysis.

#### Managers (workshops) - Quality of the application

##### Quality of the application

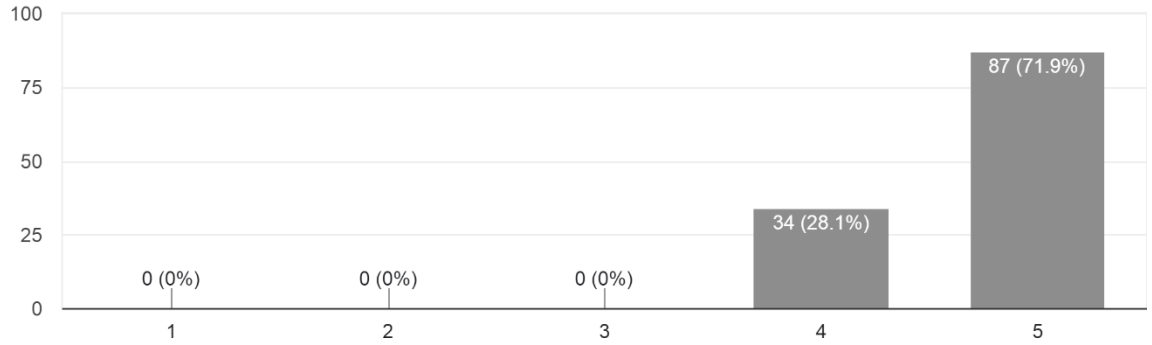
121 responses



### Managers (workshops) - Design of the application

#### Design of the application

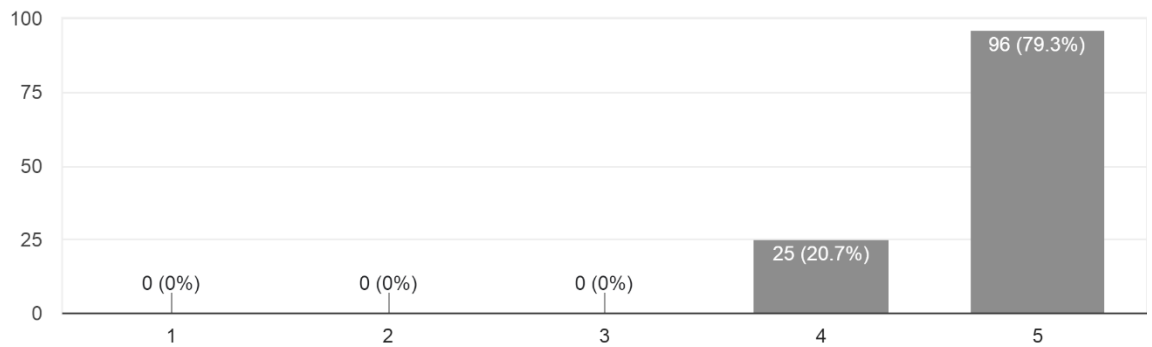
121 responses



### Managers (workshops) - Ease of use

#### Ease of use

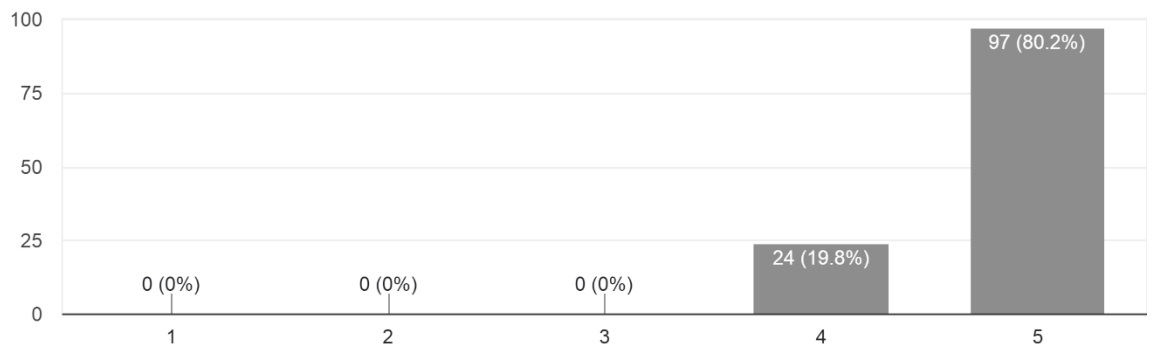
121 responses



### Managers (workshops) - Ease of routing plan creation

#### Ease of routing plan creation

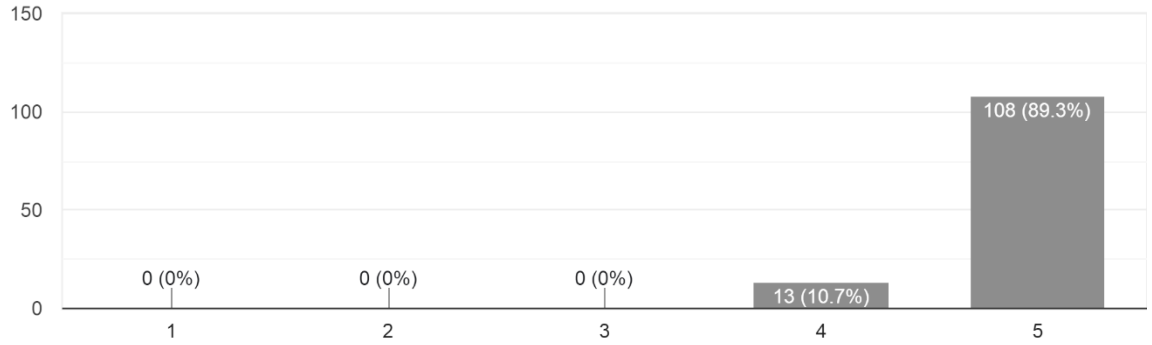
121 responses



**Managers (workshops) - Quality of the information provided for the orders**

Quality of the information provided for the orders

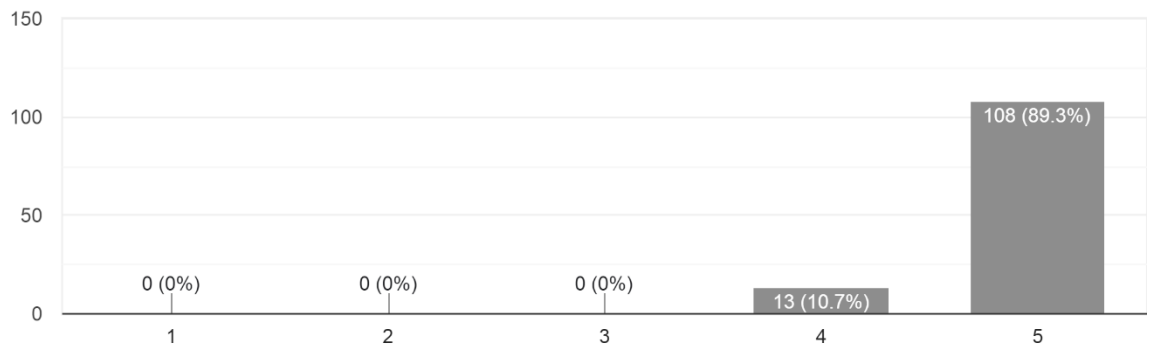
121 responses



**Managers (workshops) - Quality of the information provided for the routing plan**

Quality of the information provided for the routing plan

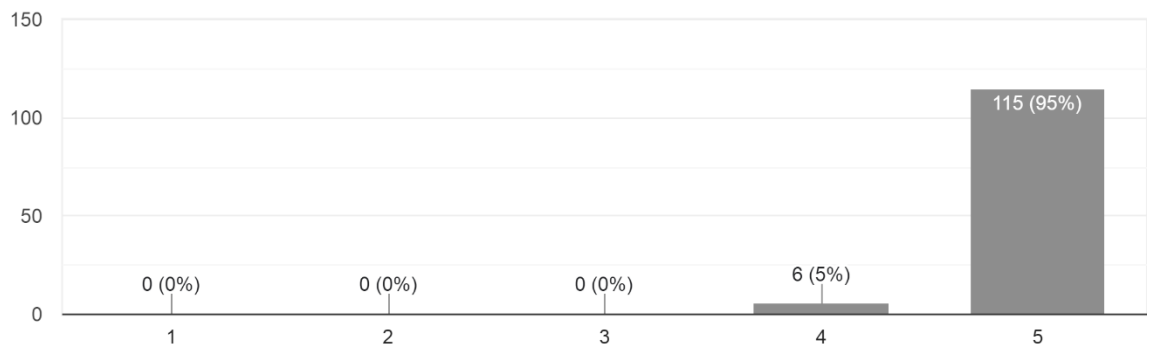
121 responses



**Managers (workshops) - Quality of the tracking information**

Quality of the tracking information

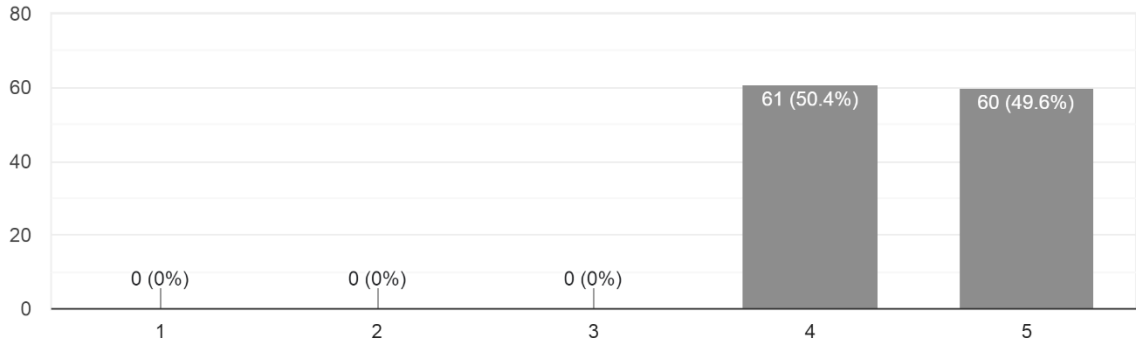
121 responses



**Managers (workshops) – Coverage of routing daily needs**

GYR platform would cover my daily routing needs

121 responses



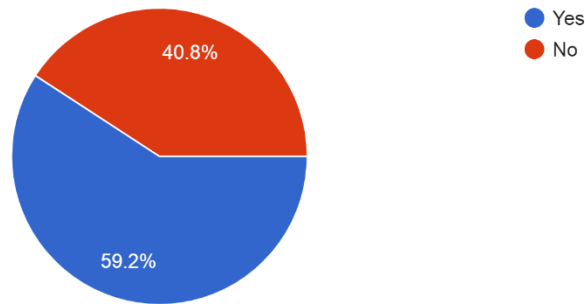
**Environmental Technology Verification program, the credibility, sustainability, and attractiveness of the application – Second section**

Participants of the questionnaire were initially asked to indicate their familiarity with the ETV (Environmental Technology Verification) program. Following that, they were requested to provide ratings for the credibility, sustainability, and attractiveness of the application. The collected responses have been presented in the following graphs for visualization and analysis.

**Managers (workshops) - ETV**

Were you familiar with the Environmental Technology Verification program of the European Union?

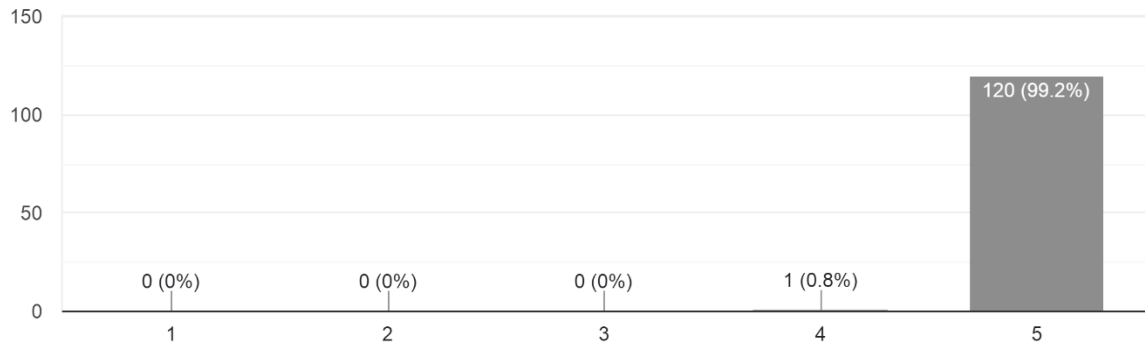
120 responses



**Managers (workshops) – Credibility of GYR application**

### Credibility of the application

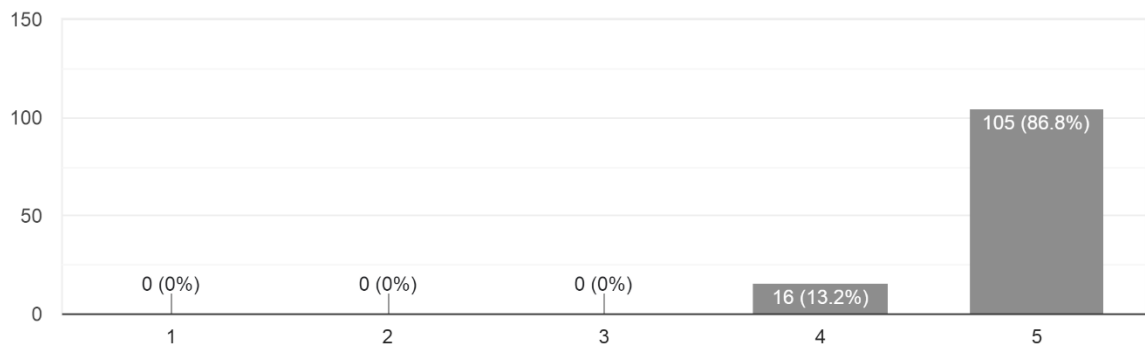
121 responses



### Managers (workshops) – Sustainability of GYR application

### Sustainability of the application

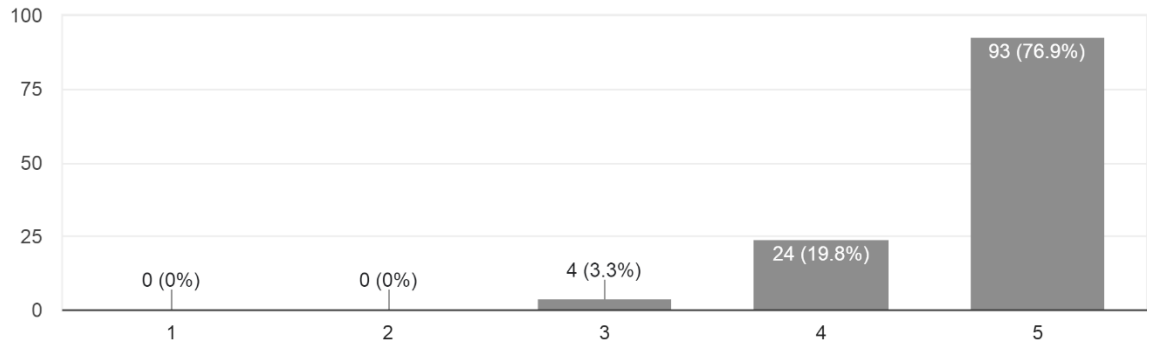
121 responses



### Managers (workshops) – Attractiveness of GYR application

#### Attractiveness of the application

121 responses



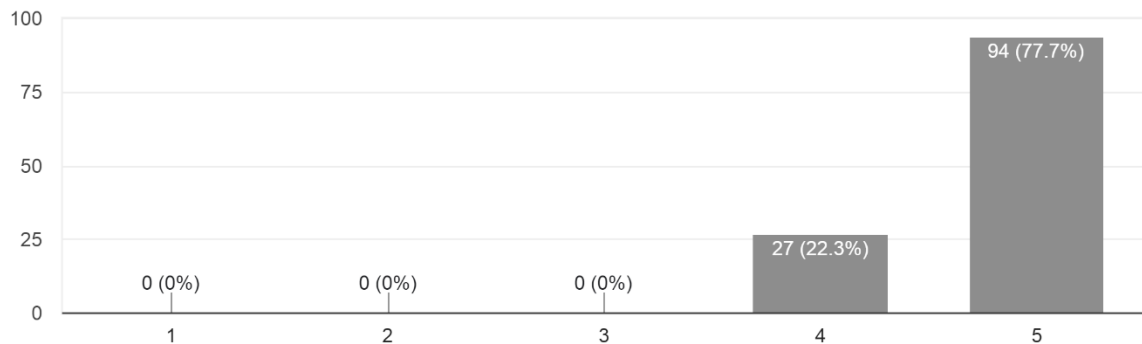
### Routing process performance – Third section

The questionnaire participants were requested to rate the efficiency of the routing plan. The responses received are presented in the following graphs.

### Managers (workshops) – Creation of the daily routing plan

#### Creation of the daily routing plan

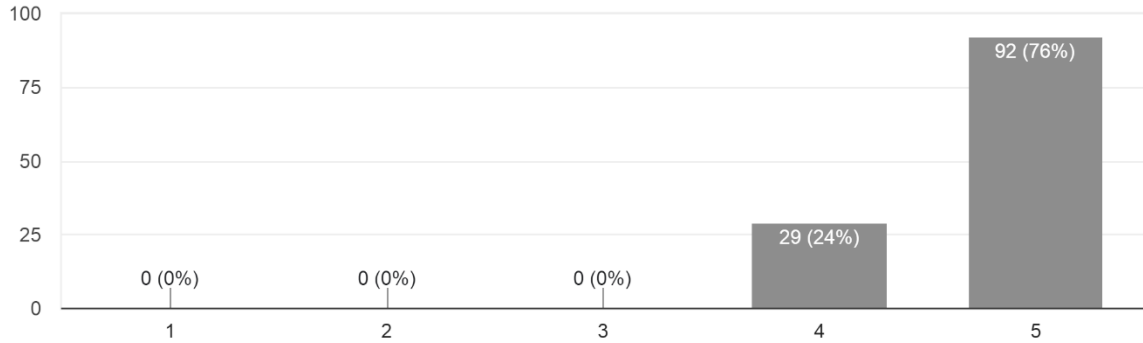
121 responses



### Managers (workshops) – Revision of the daily routing plan

#### Modification of the initial daily routing plan while it is performed

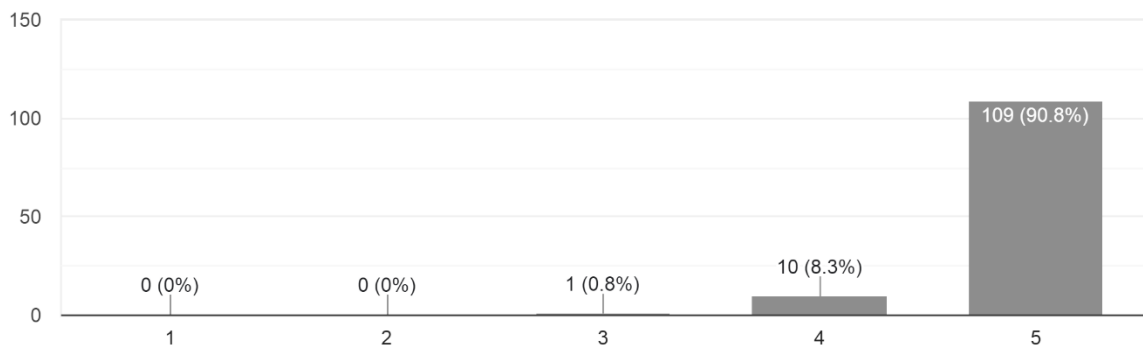
121 responses



### Managers (workshops) – Accessibility of the details of orders

#### Access to the details of an order

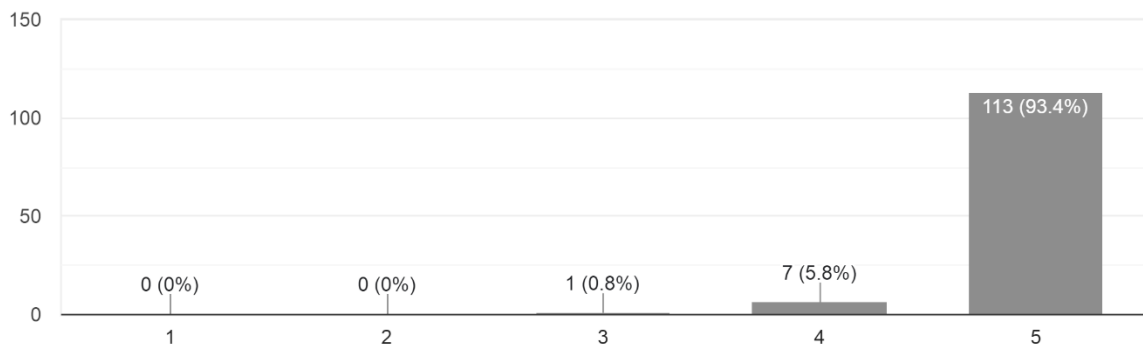
120 responses



### Managers (workshops) – Access to travelled distance and time

#### Access to data on traveling distance and time

121 responses

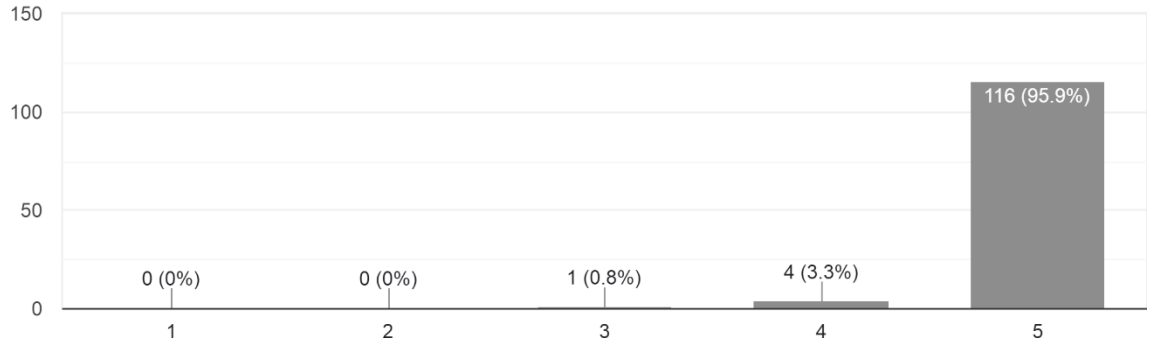




### Managers (workshops) - Position of trucks

#### Access to information on the actual position of a truck

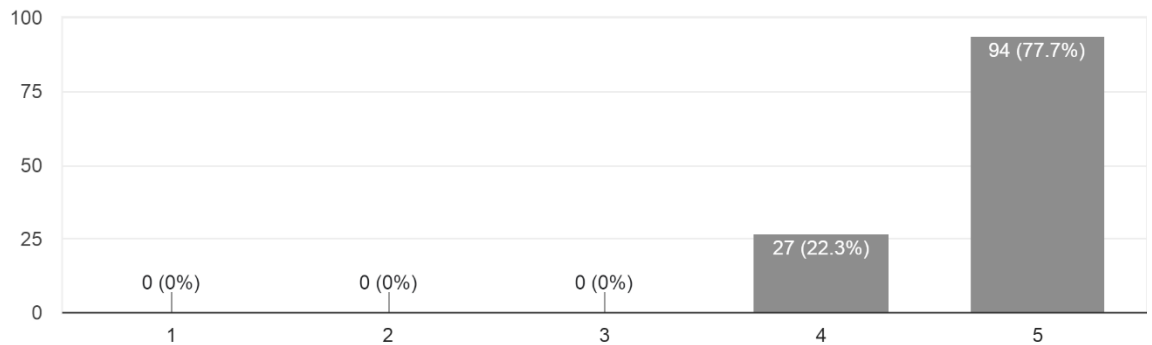
121 responses



### Managers (workshops) - Creation of clusters

#### Creation of clusters

121 responses



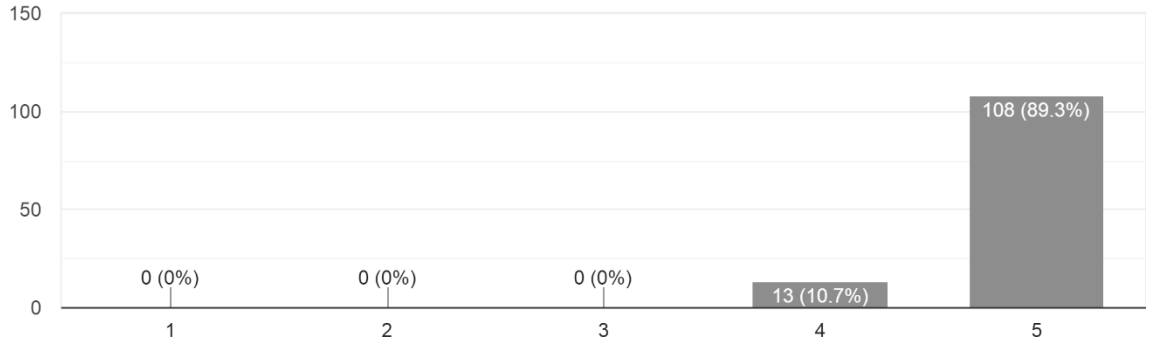
### Routing process management - forth section

The questionnaire participants were requested to rate the routing process management. The responses received are presented in the following graphs:

### Managers (workshops) – Information and details of orders

#### Information and details of an order

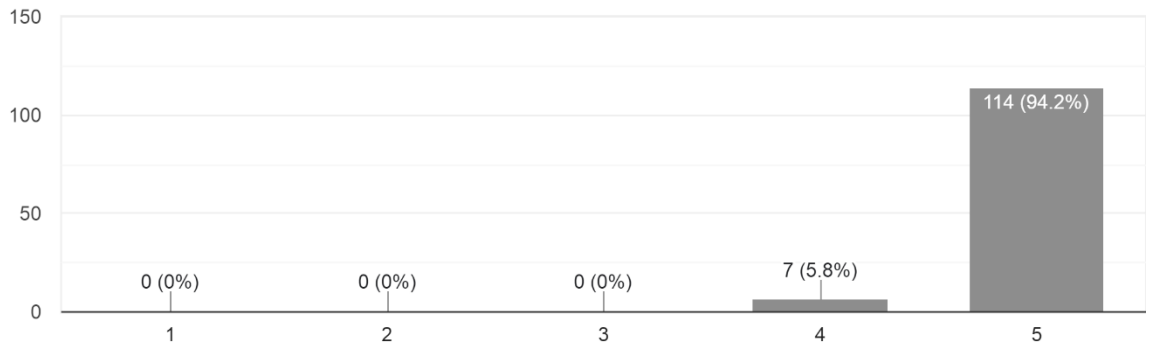
121 responses



### Managers (workshops) – Routing plan implementation

#### Information on the progress of each driver's assigned plan

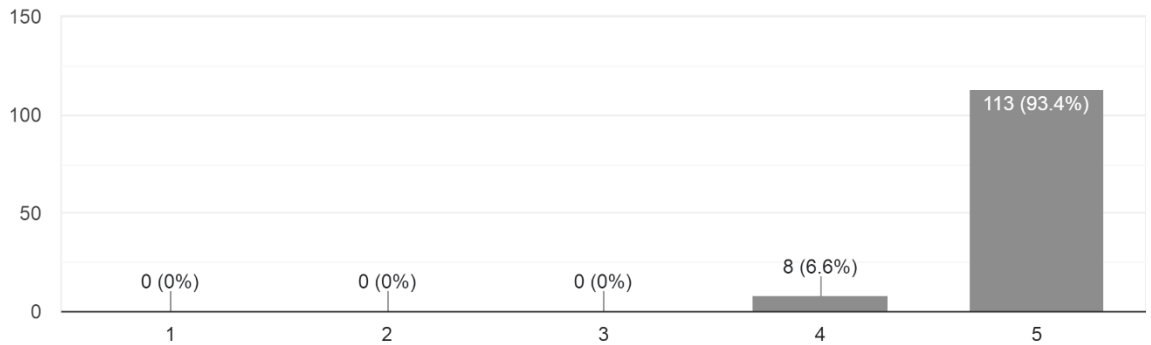
121 responses



### Managers (workshops) – Statistics of routing plan implementation

#### Daily reports and statistics on the orders' distribution efficiency

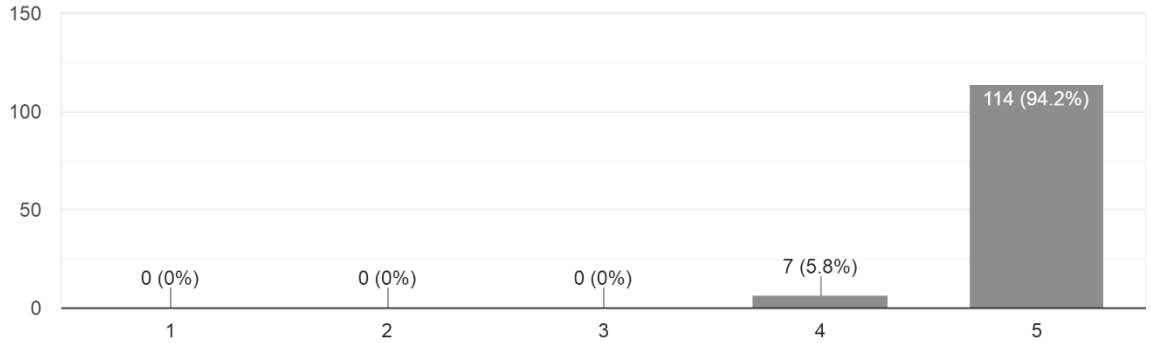
121 responses



### Managers (workshops) - Fleet efficiency

#### Daily reports and statistics on the fleet's efficiency

121 responses



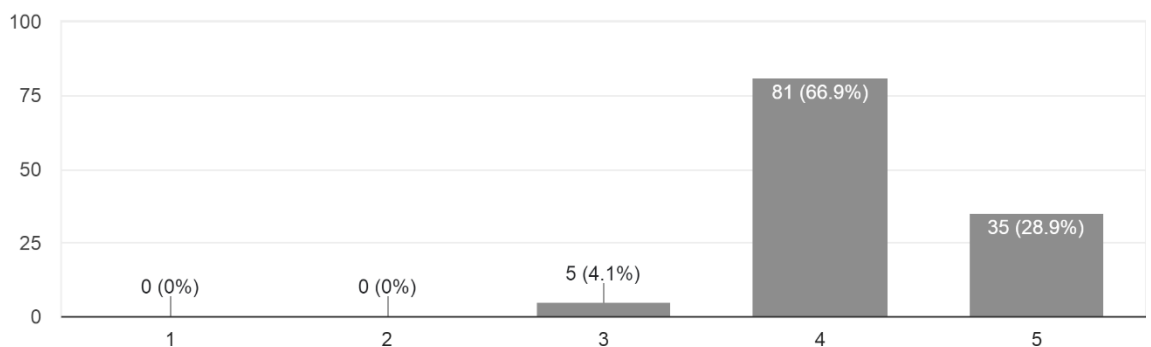
### Environmental thinking - fifth section

Participants of the questionnaire were asked to assess their level of consideration for environmental aspects when creating the routing plan. They were provided with a 5-point Likert scale, ranging from "Totally disagree" (1) to "Totally agree" (5), to express their attitude towards this matter. The responses received have been presented in the following graphs for analysis and visualization.

### Managers (workshops) - Environmental routing planning

#### I take into account environmental aspects while creating the routing plan.

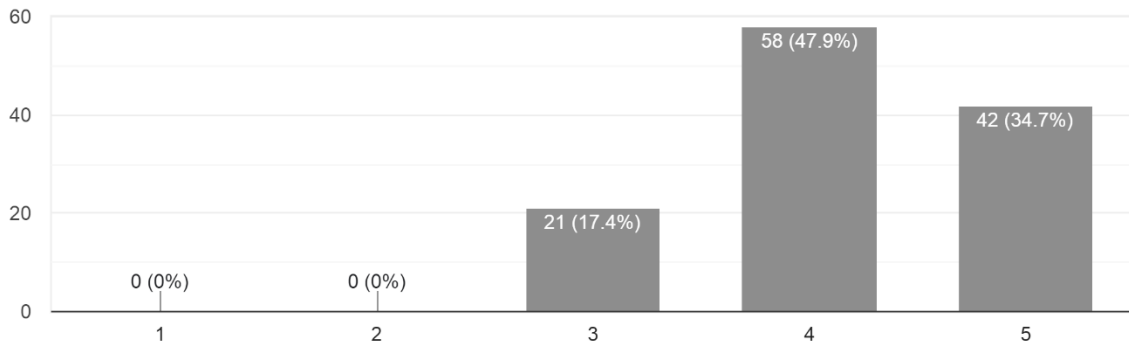
121 responses



### Managers (workshops) - Cost for environmental routing planning

I would opt in an environmental friendlier routing plan, even if it would take some time longer.

121 responses



### GreenYourRoute Questionnaire for drivers beyond GYR Consortium (during workshops)

In this section, a questionnaire was distributed to drivers outside of the GYR Consortium who participated in GYR workshops. The questionnaire was conducted using a [Google form](#) and the results obtained from the responses will now be presented. A total of 65 individuals completed the questionnaire.

#### 8.1.1 The questionnaire questions

The questionnaire comprised of 17 questions, and the average response time was approximately 9 minutes. It was structured into five sections, each focusing on specific aspects. The first three sections delved into the performance of the routing process, while the fourth section centered around the GYR mobile application. The fifth and final section aimed to gauge the environmental consciousness of the drivers.

#### Responses analysis

The questionnaire was delivered to the workshops' participants in March and April 2023. The following responses were requested and received:

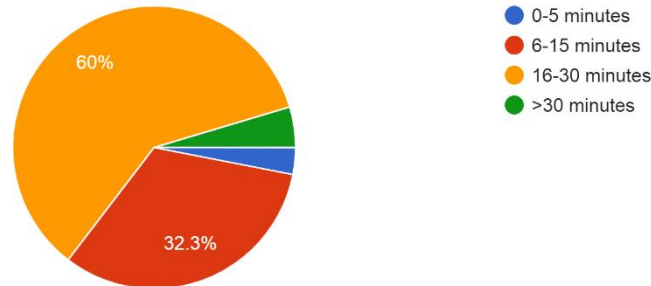
#### Routing performance - First section

The participants of the questionnaire were asked to provide insights on the time they invested in reviewing the suggested routing plan as well as the time required to comprehend the specifics of an additional order incorporated into the initial plan. The resulting responses have been graphically presented below.

### Drivers (workshops) - Time needed to study the final assigned daily routing plan

Time needed to study the final assigned daily routing plan

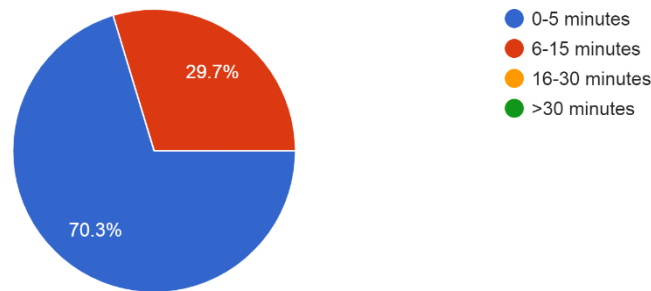
65 responses



### Drivers (workshops) - Time needed to understand the details of an additional order added to the initial routing plan

Time needed to understand the details of an additional order added to the initial routing plan

64 responses



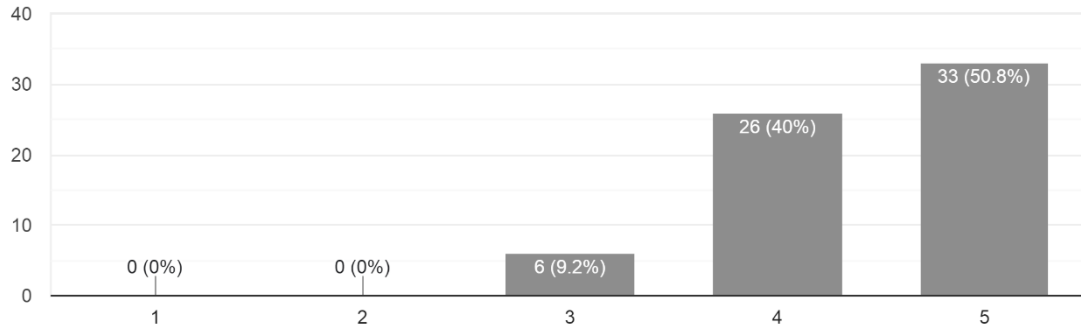
### Routing performance - Second section

The questionnaire participants were requested to rate again the routing process performance concerning the communication with the depot and potential modification to the suggested routing plan. The responses received are presented in the following graphs:

### Drivers (workshops) - Modifications in the initial routing plan while it is performed

### Modifications in the initial routing plan while it is performed

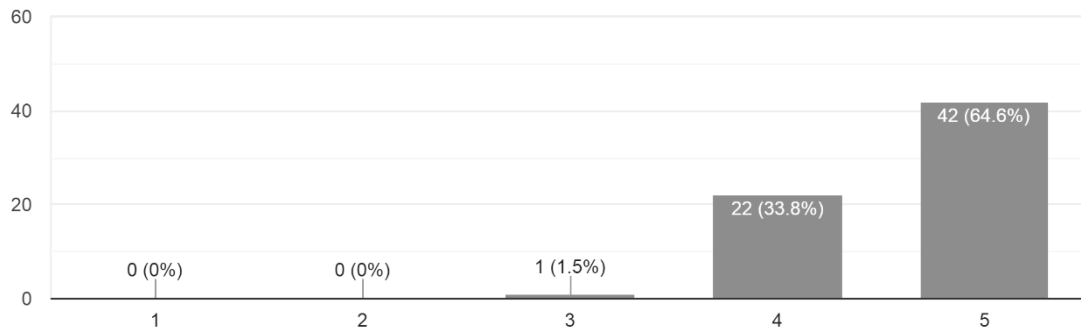
65 responses



### Drivers (workshops) - Inform the depot for the status of an order

#### Inform the depot for the status of an order

65 responses



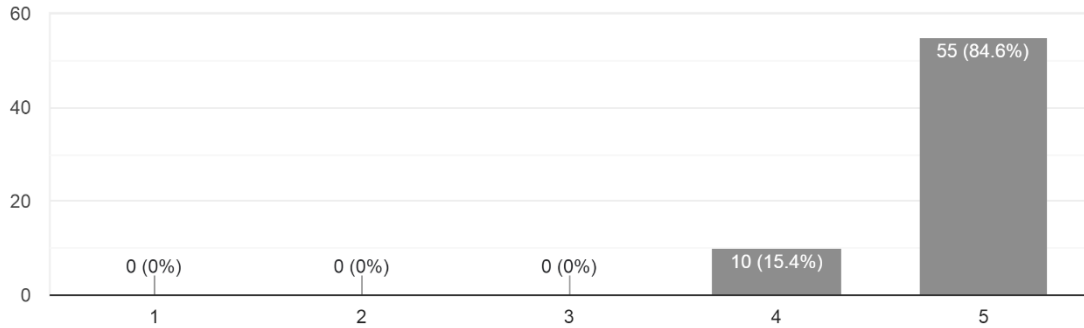
### Routing Process Performance - Third section

The questionnaire participants were requested to rate the efficiency of the routing plan. The responses received are presented in the following graphs:

### Drivers - Assigned routing plan efficiency

#### Assigned routing plan efficiency

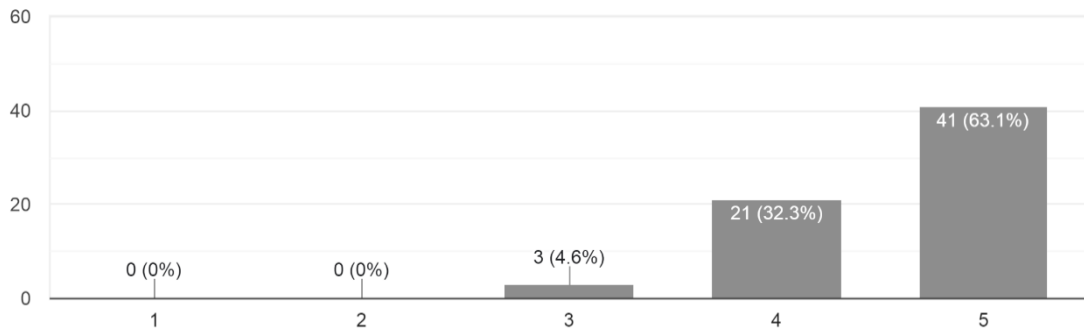
65 responses



### Drivers - Format of the routing plan

#### Format of the routing plan

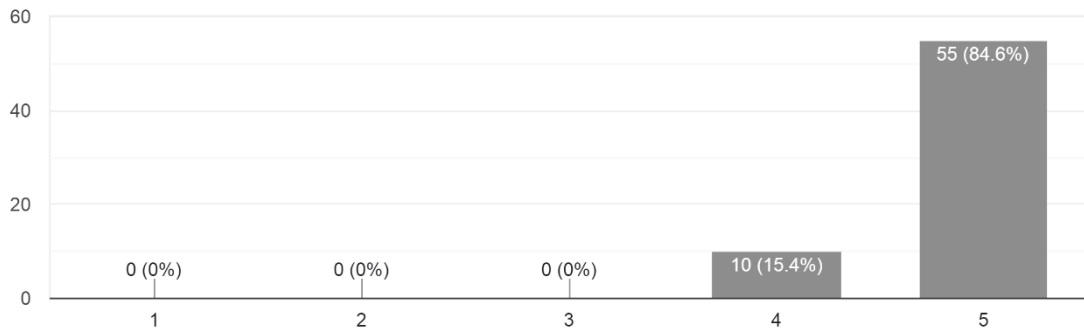
65 responses



### Drivers - Information and details for each order

#### Information and details for each order

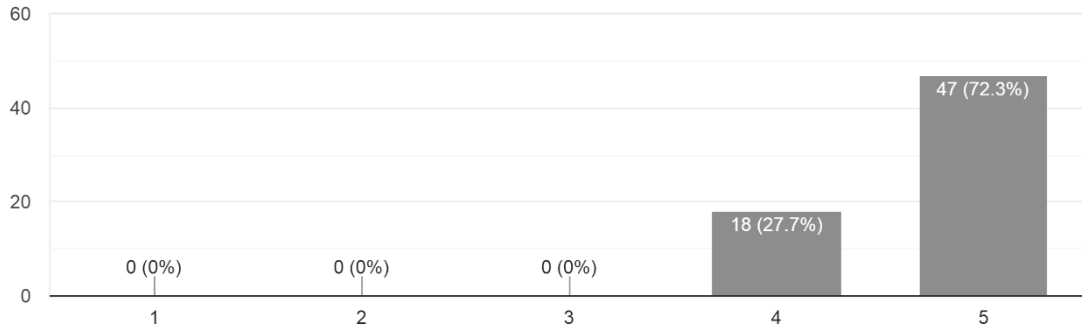
65 responses



### Drivers - Accuracy of the estimated arrival and departure times at the assigned destination points

#### Accuracy of the estimated arrival and departure times at the assigned destination points

65 responses



#### GRP application quality – forth section

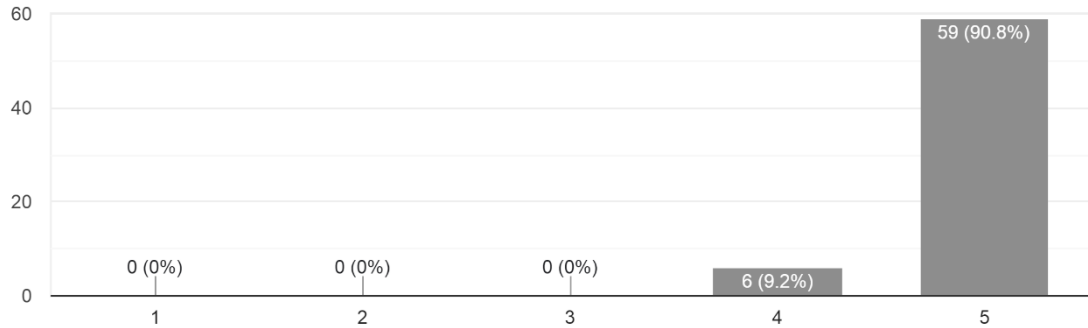
The questionnaire participants were requested to rate the quality of the GYR application. The responses received are presented in the following graphs:



### Drivers - Quality of the application

#### Quality of the application

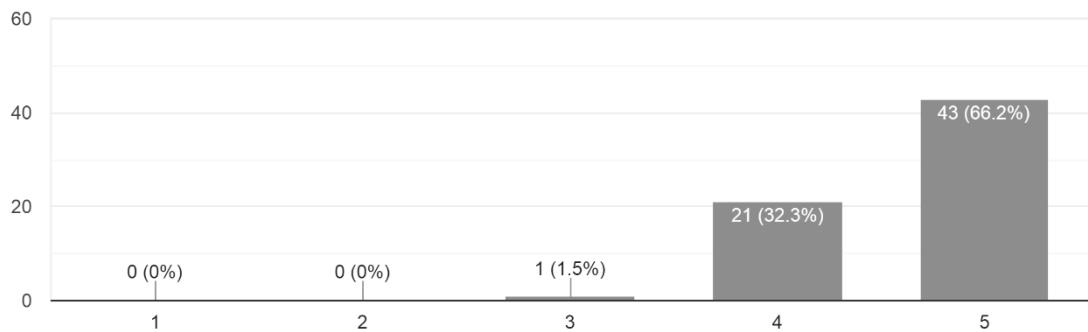
65 responses



### Drivers - Design of the application

#### Design of the application

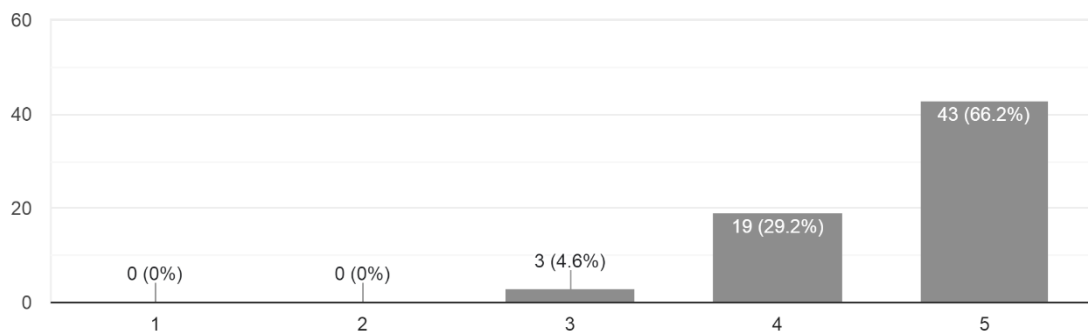
65 responses



### Drivers - Ease of use

#### Ease of use

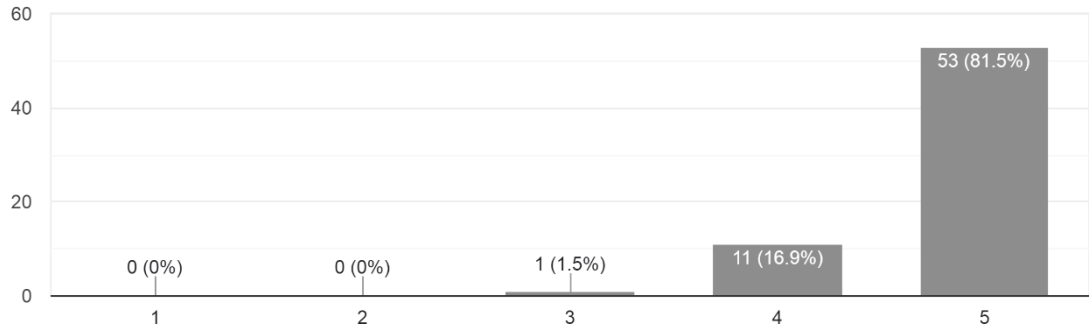
65 responses



### Drivers – Usability of the provided functionalities

#### Usability of the provided functionalities

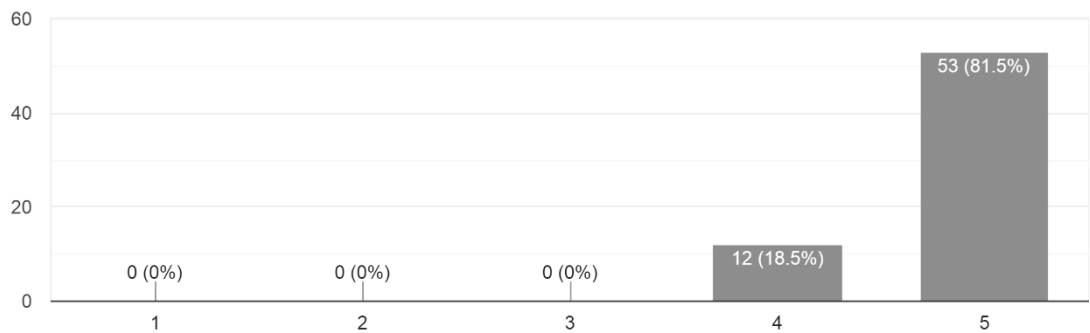
65 responses



### Drivers – Information provided for the assigned routing plan

#### Information provided for the assigned routing plan

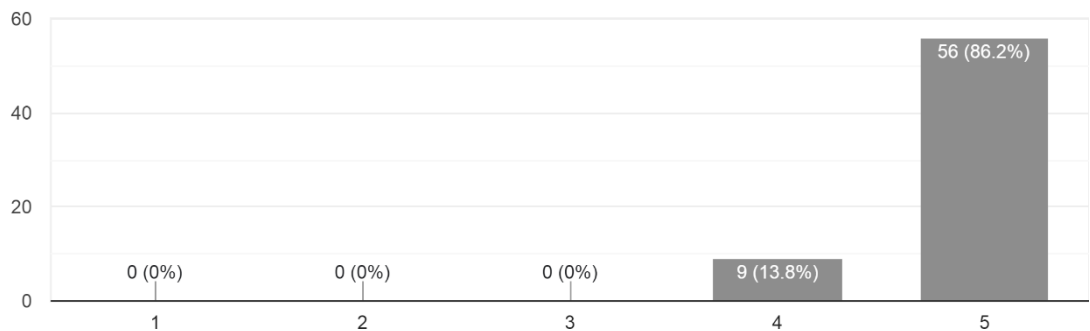
65 responses



### Drivers – Information provided for each assigned order

#### Information provided for each assigned order

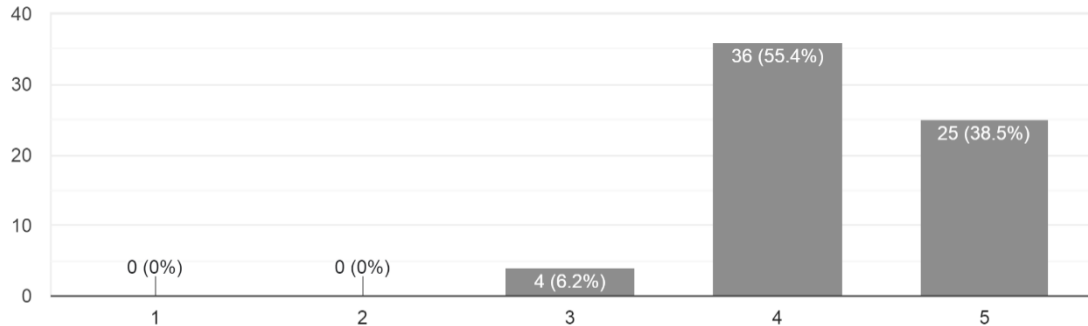
65 responses



### Drivers - Coverage of the daily routing needs

GYR platform would cover my daily routing needs

65 responses



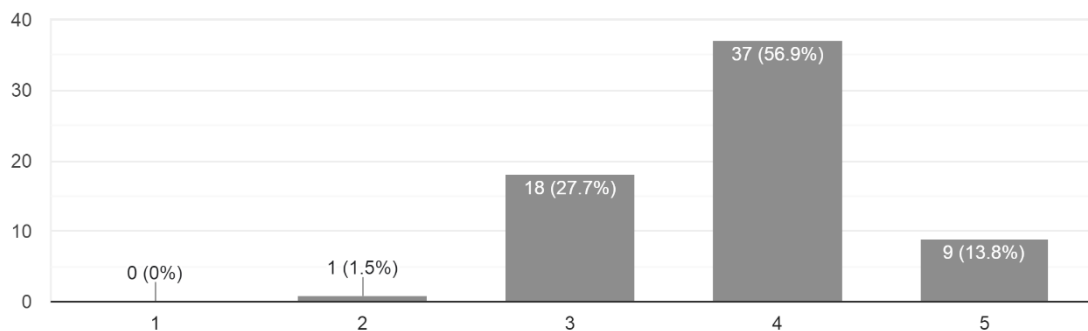
### Environmental thinking - fifth section

The participants of the questionnaire were asked to assess the degree to which they prioritize environmental factors when formulating a routing plan and whether they would be willing to opt for a longer trip to reduce emissions. Their attitudes towards considering environmental aspects during the routing process were recorded on a 5-point scale. The graphs below display the responses received.

### Drivers - Environmental aspects consideration while driving

I take into account environmental aspects while driving

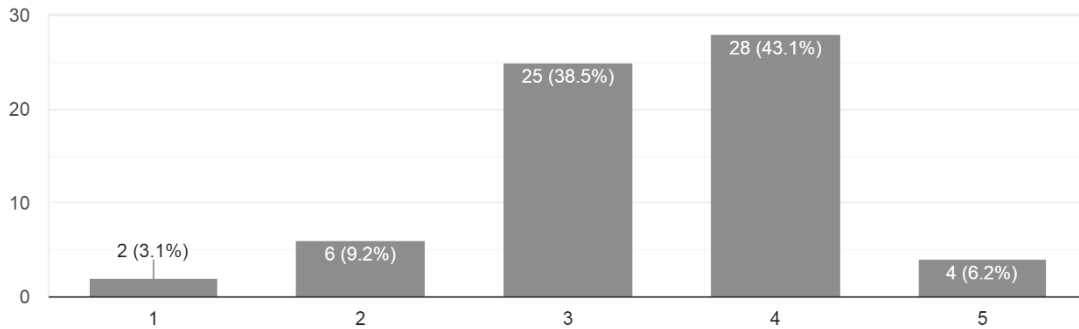
65 responses



### Drivers – Ready to pay an extract for environmental routing

I would follow an environmental friendlier route, even if it would mean travelling some minutes longer

65 responses



### GreenYourRoute Questionnaire for policy makers

In the current section, the questionnaire addressed to policy makers ran through a Google form ([link](#)) and the results from the responses received will be presented. In total, 43 persons answered the questionnaire.

#### The questionnaire questions

The questionnaire comprised 19 questions, with an average response time of approximately 7 minutes. It was structured into four sections. The initial two sections focused on the evaluation of the GYR application, while the subsequent sections explored the GYR platform's contribution to the environmental objectives of the European Union and its overall potential.

#### Responses analysis

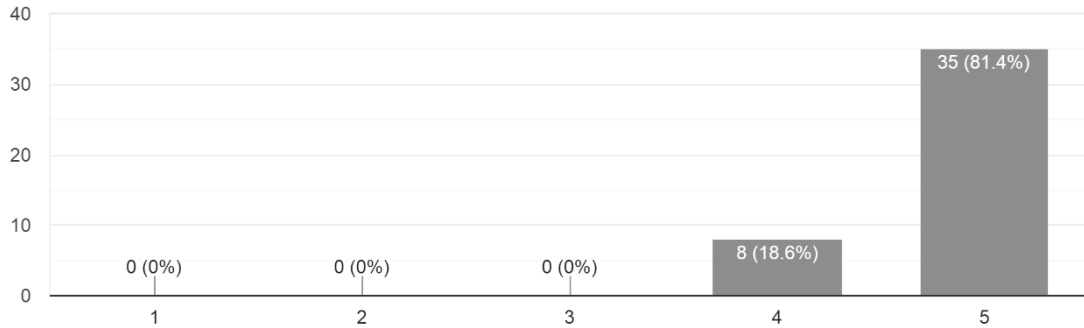
##### GreenYourRoute application – First section

The questionnaire participants were requested to provide information regarding the quality of GYR application. To this scope, multiple choice questions were addressed to the participants. The responses received are presented in the following graphs.

### Policy makers - Quality of the application

#### Quality of the application

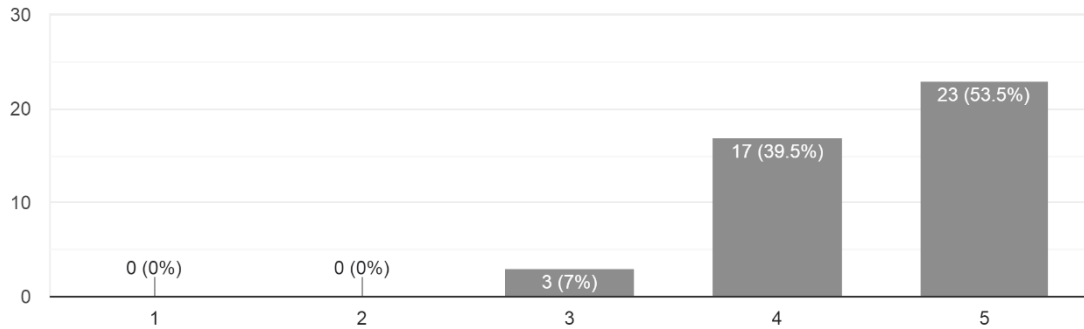
43 responses



### Policy makers - Design of the application

#### Design of the application

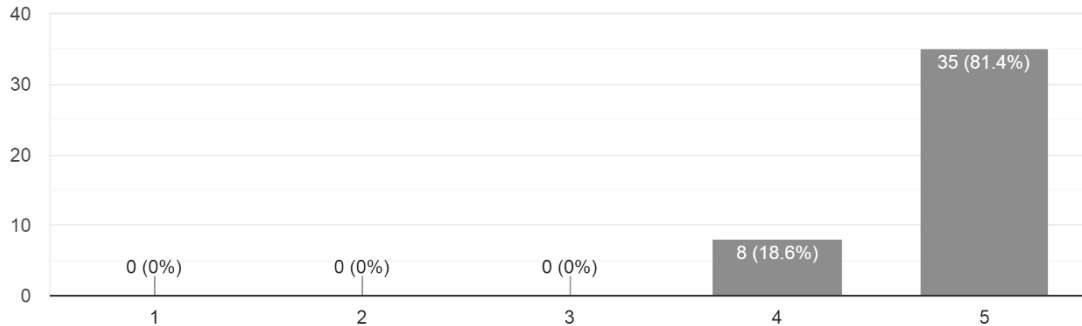
43 responses



### Policy makers – Importance of the application for logistic companies

#### Importance for logistics companies

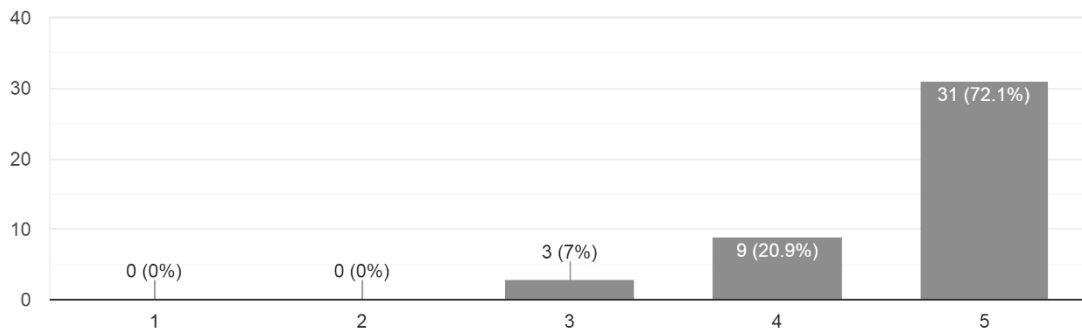
43 responses



### Policy makers - Importance for European Union environmental policies objectives

#### Importance for European Union environmental policies objectives

43 responses



A significant proportion of participants (61.6%) provided recommendations for additional services that they deemed important to be incorporated into the future version of the GreenYourRoute application. The remaining 38.4% did not suggest any additional services. These recommendations encompass the following:

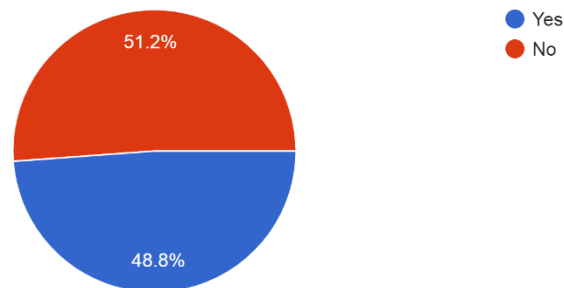
- The automatic generation of an annual report detailing the emissions produced.
- The creation of software that can convert data from ERP systems into the required format for the GYR platform.

- The development of software to facilitate geocoding in cases of errors.
- Granting drivers the flexibility to make real-time decisions when implementing a plan.
- Allowing for revisions to the suggested routing plans by the GYR platform, ensuring greater adaptability.

#### Policy makers - ETV program

Were you familiar with Environmental Technology Verification pilot program of the EU before the current workshop?

43 responses



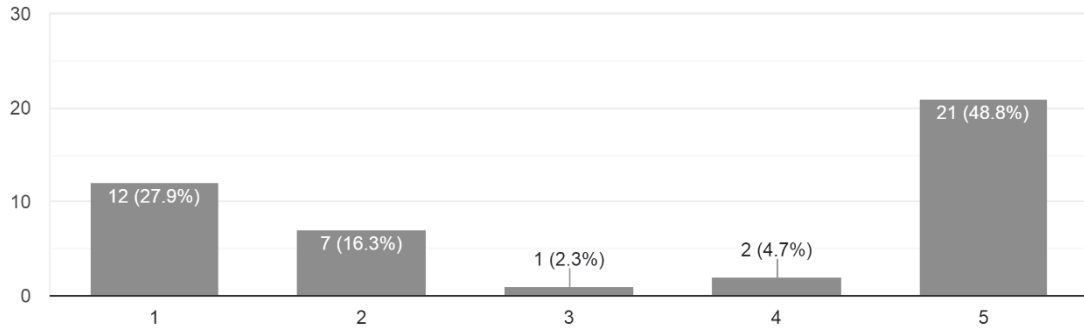
#### GreenYourRoute application – second section

The questionnaire participants were requested to rate the importance of ETV for GYR platform. The responses received are presented in the following.

### Policy makers -Credibility of GYR application

#### Credibility of the application

43 responses

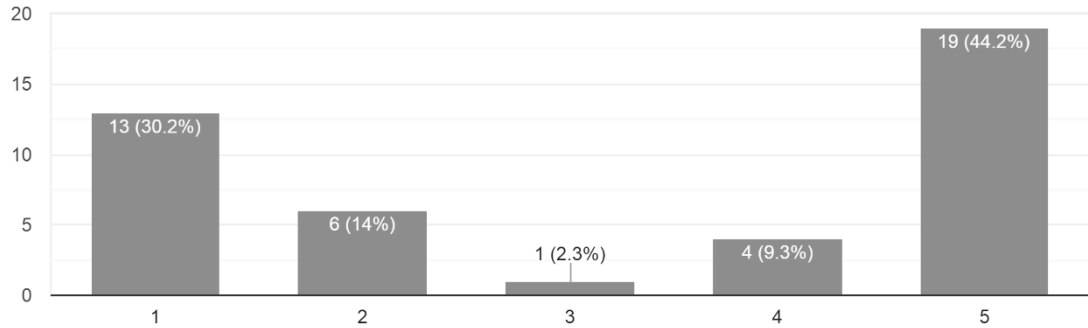




### Policy makers –Sustainability of GYR application

#### Sustainability of the application

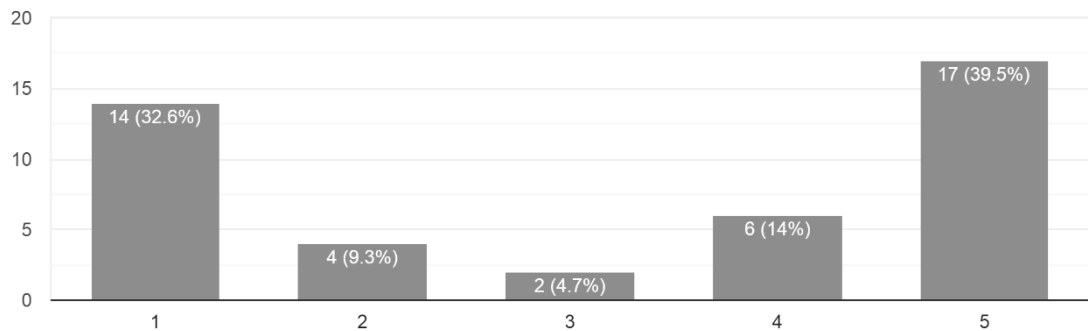
43 responses



### Policy makers – Attractiveness of GYR application

#### Attractiveness of the application

43 responses

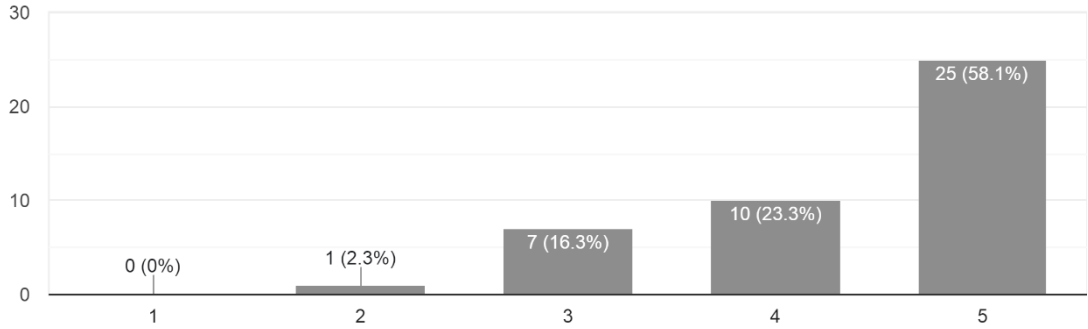


### GreenYourRoute application – third section

The questionnaire participants were requested to rate the contribution of GYR application to the environmental objectives of EU. The responses received are presented in the following graphs.

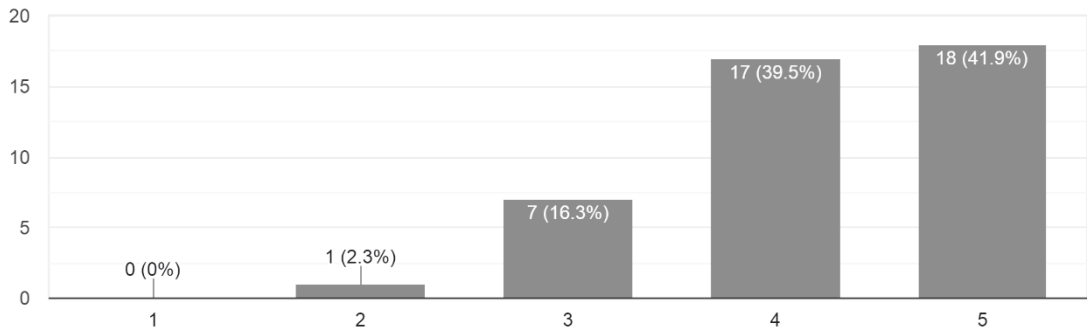
### Policy makers –Does GYR application introduce an innovative policy in the pan-European transport system

GreenYourRoute introduces 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.  
43 responses



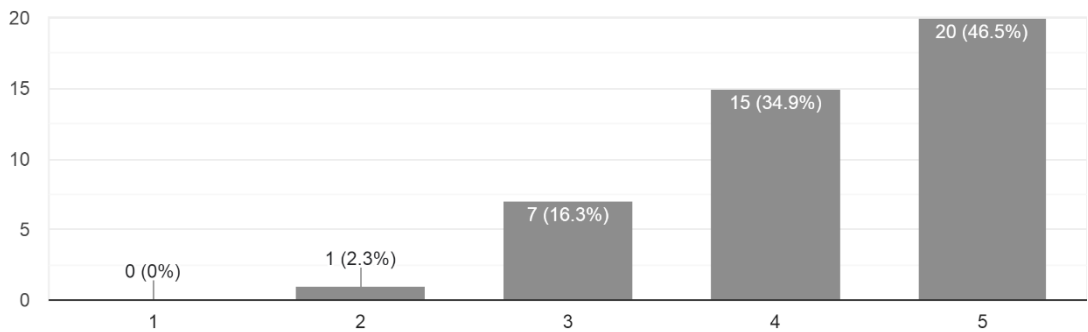
**Policy makers - Is GYR application aligned with the objectives set in the 7th Environment Action Programme.**

GreenYourRoute is aligned with the objectives set in the 7th Environment Action Programme.  
43 responses



**Policy makers - Is GYR application GreenYourRoute aligned with the objectives of the Roadmap to a resource Efficient Europe policy**

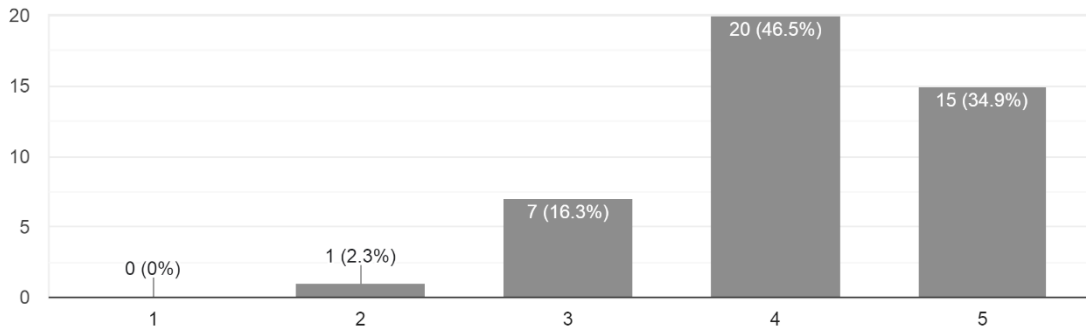
GreenYourRoute is aligned with the objectives of the Roadmap to a resource Efficient Europe policy  
43 responses



**Policy makers – Does GYR application contribute to the implementation of EU emission reduction commitments under UNFCCC Kyoto Protocol**

GreenYourRoute contributes to the implementation of EU emission reduction commitments under UNFCCC Kyoto Protocol

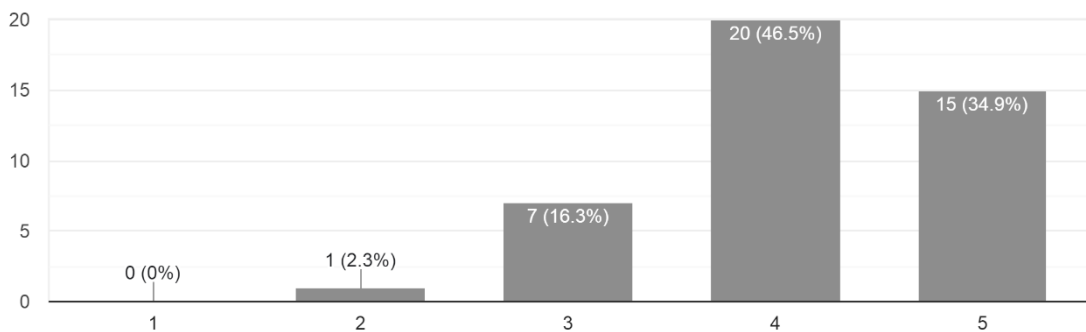
43 responses



**Policy makers – Does GYR application support the implementation of air quality legislation and facilitate compliance with union air quality and related air emissions standards including Directive 2001/81/EC**

GreenYourRoute supports the implementation of air quality legislation and facilitates compliance with union air quality and related air emissions standards including Directive 2001/81/EC

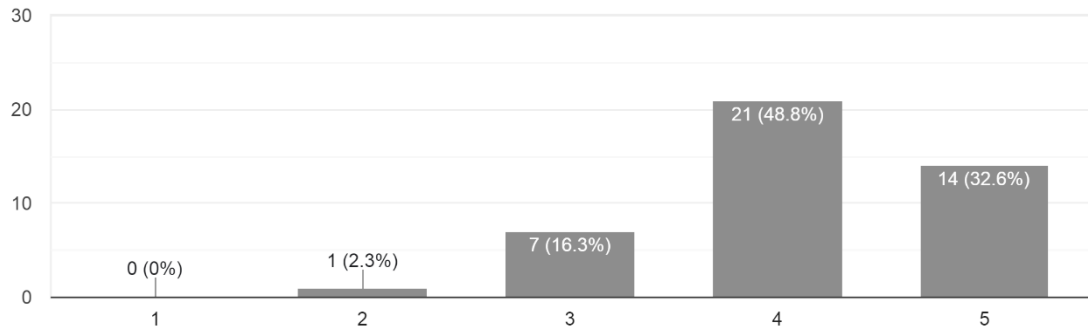
43 responses



**Policy makers – Does GYR application implement and update Decision 93/389/EEC for a monitoring mechanism for Community CO2 and other greenhouse gas emissions and Access to Environmental Information (90/313/EEC)**

GreenYourRoute implements and updates Decision 93/389/EEC for a monitoring mechanism for Community CO2 and other greenhouse gas emission...cess to Environmental Information (90/313/EEC)

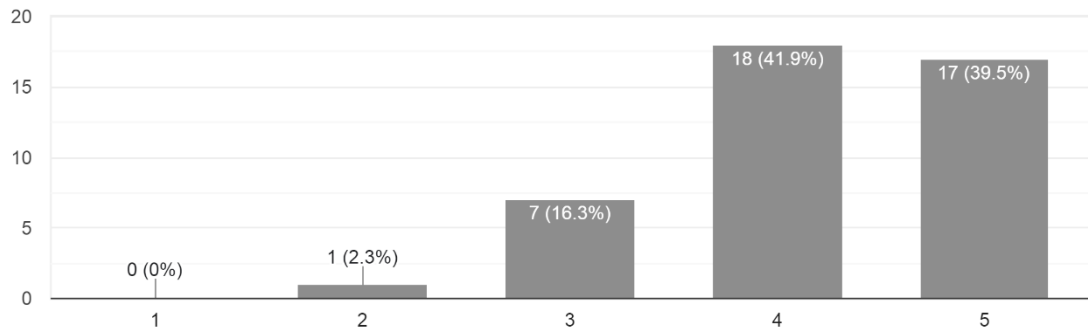
43 responses



**Policy makers – Does GYR application support the implementation of Directive 2009/33/EC on the promotion of clean and energy efficient road transport vehicles**

GreenYourRoute supports the implementation of Directive 2009/33/EC [12] on the promotion of clean and energy efficient road transport vehicles.

43 responses



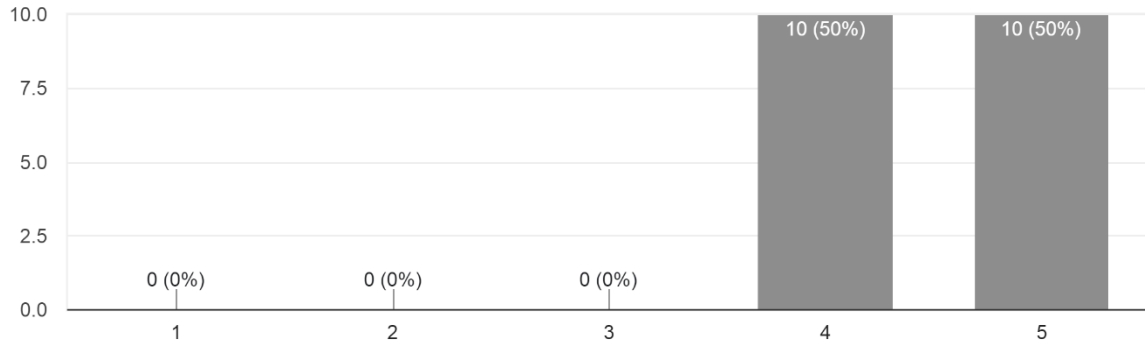
**GreenYourRoute application – forth section**

The questionnaire participants were requested to rate the potential of GYR application to the reduction of emissions. The responses received are presented in the following graphs.

**Policy makers – What is the potential of GreenYourRoute application's contribution in reducing GHG and non-GHG emissions?**

What is the potential of GreenYourRoute application's contribution in reducing GHG and non-GHG emissions?

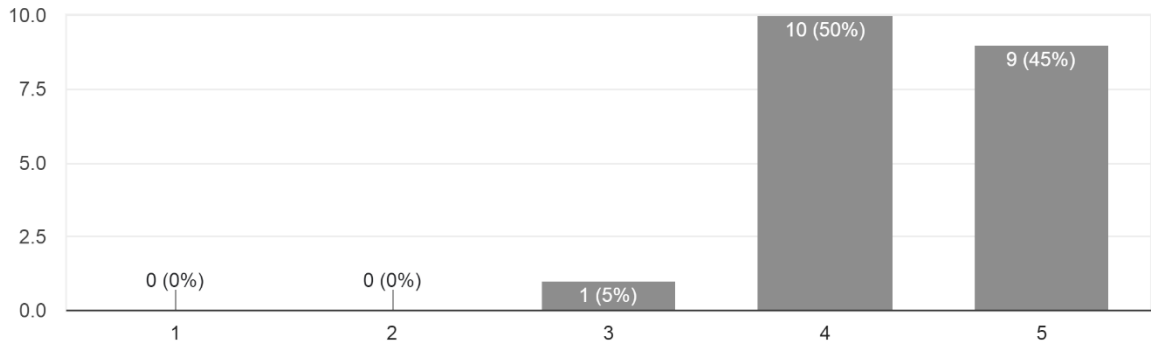
20 responses



**Policy makers – What is the potential of GreenYourRoute application's contribution in introducing an innovative policy in the pan-European transport system?**

What is the potential of GreenYourRoute application's contribution in introducing an innovative policy in the pan-European transport system?

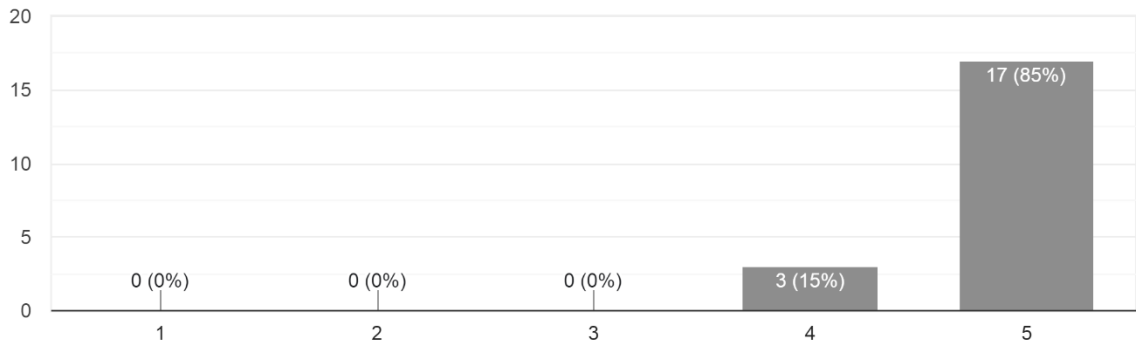
20 responses



**Policy makers – Likelihood of recommending GYR application**

Likelihood of recommending GreenYourRoute application

20 responses



Following the feedback received by the questionnaires hereby you can find some of the most interesting Q & As proving the above mentioned:

**Workshop 1 - Question 1**

Is it assumed that the measurement of pollutants is directly proportional to optimising the route, i.e. does a shorter route automatically mean less pollutants, or are there other factors that are taken into account?

Not only the direct pollutants are taken into account, but also indirect pollutants such as oil, tyres, etc. This is why we record how many kilometres each vehicle has travelled since it was

purchased. Of course, these are not as important as the first ones. However, in the annual report that every company has to submit, they are obliged to report on both types of pollutant, so yes, there are other factors besides the direct pollutants.

#### Workshop 1 - Question 2

Is it possible to calculate the pollutants per customer of the transport company in a simple and quick way?

Yes, because this data is very important. Some companies use it as a starting point. More specifically, let us say that a customer comes from abroad and wants to know what the pollutants are that concern him and his company. These pollutants are then recorded in a very specific procedure described in the guidelines that must be followed according to the legislation, either in absolute values or per kilometre. It all depends on what the customer wants.

#### Workshop 1 - Question 3

Under the Climate Change Law, there are obligations for some sectors from this year, and for others possibly from 2026. I am referring to the records and targets for pollutants throughout the year. So does the specific software really help to get the data right? Does it need additional validation?

Of course, it helps. That's the whole point of the application. The data is recorded with great accuracy because it is now recorded what has actually been implemented and not the theoretical one that should be based on assumptions. So the proper preparation of the report is done with a very high precision due to the records, e.g. gps tracking, records of the whole fleet, records of the customer base etc., so when the verification is made by any organization it will be a simple and easy process.

#### Workshop 1 - Question 4

Do you see that the big companies are at all aware of the new law? Because what we see is that they are turning a deaf ear.

I will be perfectly honest and tell you that what I see so far is ignorance to the core, a lack of willingness to comply and, of course, an unsystematic approach to the issue.

#### Workshop 1 - Question 5

There were several questions around the topic - features of the application such as when the measurements are taken, how the predictions ("budgetary thinking") are sent to the drivers and how we get the actual results (disinfectants), whether electric cars can be registered through the platform, etc.

All of them were answered orally, but also through the reading of the speakers' presentations.

#### Workshop 2 - Question 1

This is a law that came out in May, but at the moment they are preparing the new Logistics Law, which will be even more detailed, at least in theory. For example, the law now says that you have to state the goals you have set for improvement, but as it goes on, the legislation will impose specific goals.

This is certainly the case, and I have an example of a company that has already incorporated this into its strategy and is asking for the following: Firstly, information from the carbon footprint report; secondly, what are the targets for reducing it; and thirdly, what indicators will be used to monitor this reduction.

#### Workshop 2 - Question 2

Is this about putting small enterprises out of the game, which will not be able to adapt to the requirements of the new legislation?

I honestly think both will happen, i.e., they won't be able to adapt, and they will inevitably shut down. I have an example of a small company in the supply chain and transport industry, with a fleet of about 10 vehicles, where when I was asked what they should do to grow as a company, the answer was that unfortunately they had no chance because all the "big players" were already established and offering nationwide solutions, so it was better to value their company and sell it to a bigger one.



### Workshop 2 - Question 3

Do you think that if customers had the option of choosing a more environmentally friendly way to transport the product they ordered, with no or very little difference in cost, they would choose it?

Always speaking for Greece, he would probably do it if it was for free. But if it was even a small increase, I cannot say for sure, because it depends on the financial criteria of the customer himself, for example, if he belongs to the middle class, he will not mind a small change in costs. Unfortunately, however, many people live on the edge, financially speaking, so even for the smallest increase they would say I do not understand it, I am not sensitive to the issue of the environment and therefore I will not choose it.

### Workshop 2 - Question 4

Do you think it is important to put more pressure on Greek logistics companies to make more environmentally friendly choices, or are the motives you mentioned earlier considered sufficient?

We are now talking about legislation and not a recommendation. It is clear that in Greece, although the legislation exists, it is not guaranteed that it will be respected. Nor am I yet convinced that the country has changed its mentality on this issue. What is changing, though, is that compliance is not only a question of cost, but also of what can be gained in general, such as the financial benefit to the company. Let's not forget that this is very new legislation, with 2023 being the starting year. It all starts with awareness and information, as many people do not know what their obligations are in relation to the new legislation. So, actions like today's are a step in the right direction.

### Workshop 2 - Question 5

What is the reason, other than cost, for a logistics company not to implement a "green" policy in terms of deliveries, fleet, etc.?

I don't think there is any decision that is not based on economic reasons. What I mean is that at the end of the day (maybe not immediately, but at least in the long term) they see an

economic benefit. If they don't see it, I don't think any company will make reasonable decisions.

#### Workshop 2 - Question 6

Do you think that the logistics companies in Northern Greece are ready to implement the law if they are given the financial incentives?

In general, most of the companies in Northern Greece are small because they are branches of companies in Athens. But in the industrial companies, they are clearly ready because they already have specific departments and policies that are being implemented, so it will not be something new for them.

### **12. Executive summary – Most important points**

GYR Team disseminated the project results in various conferences, F2F events, teleconferences webinars and workshops in the frame of Sub-action “D2.2: Organization to present the GYR platform and its benefits to the respective stakeholders”. The focus of the Action was shed to organize the GYR workshops to increase consciousness regarding the significant potential for enhancing the efficiency of the transportation system through the adoption of innovative digital technologies and to attract new customers for GYR-Company increasing thus its revenues and sustainability.

In total 8 workshops were organized in 3 different countries (EL,IT,CZ) with more than 1200 persons attending the workshops, 266 in physical presence and 914 via livestreaming. Moreover, the workshops were recorded and uploaded on YouTube where we estimate that more than 10.000 views will materialize before the end of 2023. Stakeholders that interacted with the project and its outputs were very keen to exchange knowledge request additional information (technological, cost-wise, emission calculation details etc.)

Additionally, via the workshops and conferences, policymakers were contacted and invited to revise existing environmental and transport laws and directives within the European Union. Finally, small and medium-sized enterprises (SMEs) were encouraged to transition towards low-emission transportation models and adhere to green procurement regulations.

### 13. ANNEX I: List of participants



Workshop Athens/Greece | Militos Consulting SA



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

## Participants List

15/02/2023

No.	Name	Position	Organization	Email/Tel	Signature
1.	ΑΝΔΡΕΑΣ ΒΕΛΟΥΔΟΣ	IT DIVISION	ALPHA BANK	andreas31426@gmail.com 2472265900	
2.	Φίλιππος Καραπανώλης	CEO	MILITOS S.A	filippos.karamanolis@gmail.com	
3.	ΣΑΧΑΡΙΔΗΣ ΓΕΩΡΓΙΟΣ	PROFESSOR	UTH	sacharidis@gmail.com	
4.	ΣΥΜΕΩΝ ΚΑΛΟΧΟΙΡΗΣ	GEN. Δ/ΝΤΗΣ	PLUS	6943040000 symeon.kalochorides@plus.gr	
5.	Παναγιώτης Δεμπίρης	Director System & Best and the Best	ΔΙΕΤΗΣ	6974308683 dpapadot@otenet.gr	
6.	ΑΓΓΕΛΟΣ ΝΙΚΑΗΛ	Supply Chain & Logistics	ΔΙΕΤΗΣ	69457104 michaelaggelidis@yko.gr	
7.	ΠΑΝΑΓΙΩΤΗΣ ΔΗΜΟΣ	ΔΙΠΛΩΜΑΤΩΣ	ΔΙΕΤΗΣ	6983528427 dimcup.ita@gmail.com	
8.	ΜΑΡΙΑ ΕΥΘΥΜΙΑΤΟΥ	EDITOR	SUPPLY CHAIN LOGISTIC MAGAZINE	6946468138 editor@supply-chain.gr	
9.	ΜΑΡΙΑ ΚΑΖΑΓΚΑ	ΔΙΝΤΡΙΑ	MT LOGISTICS	6932192031	
10.	ΒΑΣΙΛΙΚΗ ΠΑΓΙΩΤΑ	ΦΟΙΤΗΤΡΙΑ	ΠΑΝΕΠΙΣΤΗΜΙΟ ΤΑΥΜΑ ΕΡΕΥΝΑΤΙΚΗΣ ΑΝΥΣΤΑΣΗΣ	6996087090 bpagiota@gmail.com	
11.	ΠΑΝΑΓΙΩΤΗΣ ΚΑΡΑΛΗΣ	CEO	TRADE MART	697448355 panayiotis.karalis@tradesmart.gr	

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Workshop Athens/Greece | Militos Consulting SA



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

No.	Name	Position	Organization	Email/Tel	Signature
12.	ΑΧΙΛΛΕΑΣ ΠΕΤΡΟΥ	SUPPLY CHAIN	DIXONS - ΚΕΤΣΟΒΟΛΟΣ	6982134819 petroua@kotkowls.gr	
13.	ΠΑΝΑΓΙΩΤΗΣ ΚΑΣΤΑΝΟΣ	-  -	-  -	6978655452 kastanos@kotkowls.gr	
14.	ΑΘΑΝΑΣΙΟΣ ΠΑΠΑΧΑΝΑΝΤΩΝ	ΠΛΥΝΣΗ	-  -	6986703447 papamichalopoulos@kotkowls.gr	
15.	ΚΩΣΤΑΣ ΤΡΟΥΜΠΟΥΝΗΣ	ΠΟΛΥΜΗΧΑΝΙΚΟΣ	ΔΙΕΤΗΣ	6974054745 kostas.ct@gmail.com	
16.	ΒΑΣΙΛΗΣ ΠΑΠΔΑΣ	SUPPLY CHAIN	DIXONS - ΚΕΤΣΟΒΟΛΟΣ	6970894352 vaspap86@yahoo.gr	
17.	ΑΡΧΟΝΤΗΣ ΕΥΚΛΕΟΥΣ	CEO	ΑΘΗΝΑΙΚΗ Α.Ε.	6936127992	
18.	ΚΩΝΣΤΑΣ ΒΑΣΙΛΑΚΗΣ	LOGISTIC ASSISTANT	ΟΥΡΝΑΡΑΚΗΣ Α.Ε.	6984431721 vasilakis@ournarakis.gr	
19.	ΕΥΑΓΓΕΛΟΣ ΣΑΜΠΡΑΚΟΣ	ΚΑΘΗΓΗΤΗΣ	ΠΑΝΕΠΙΣΤΗΜΙΟ ΤΕΡΡΑΤΕΣ	6944248914 sambraek@uptr.gr	
20.	ΤΡΙΑΝΤΑΦΥΜΙΑ ΣΑΡΑΡΙΩΝ	-  -	ΔΙΕΤΗΣ	-  -	
21.	ΜΑΡΙΝΟΣ ΚΑΝΔΥΛΗΣ	MANAGING DIRECTOR	BOLD LOGISTICS	6951932972 mk@boldlogistics.gr	
22.	ΣΤΑΘΗΣ ΝΙΚΟΛΑΚΟΠΟΥΛΟΣ	CEO	THELLAS LIMITED	6973340716 stathis.nikolalopoulos@hellas.com	
23.	ΚΩΣΤΑΣ ΙΑΚΩΒΙΔΗΣ	CEO	ΙΑΚΩΒΙΔΗΣ ΚΩΣΤΑΣ & ΣΥΝΕΡΓΑΤΕΣ	6972026008 kostas.jacobides@gmail.com	
24.	ΣΠΥΡΙΔΩΝ ΠΥΛΩΣ	IT LOGISTICS	ONLINE DATA	6987067339-6 spyrulo.ita@outlook.com	

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Workshop Athens/Greece | Militos Consulting SA



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No.	Name	Position	Organization	Email/Tel	Signature
25.	ΕΥΜΟΝ ΚΑΡΟΥΛΑΣ	CEO	DIGICOM SYSTEMS	6944184974 info@digicom.gr	[Signature]
26.	ΕΙΡΗΝΗ ΓΙΑΝΝΑΚΟΠΟΥΛΟΥ	ΥΠΑΛΛΗΛΟΣ	-  -	eg1@digicom.gr 210 9721530	[Signature]
27.	ΔΗΜΗΤΡΗΣ ΜΑΥΡΟΣ ΜΑΤΙΛΕ	-  -	-  -	dma@digicom.gr 210 9721530	[Signature]
28.	ΣΑΒΙΝΗ ΠΕΤΙΟΠΟΥΛΟΣ	MANAGING PARTNER	HFT	6977931802 V Fotop@hft.gr	[Signature]
29.	ΑΓΓΕΛΗΣ ΜΑΥΡΑΓΑΝΗΣ	ΑΝΤΙΔΗΜΑΡΧΟΣ	ΔΗΜΟΣ ΒΡΕΣΣΙΩΝ	6972033911	[Signature]
30.	ΜΑΡΟΣ ΜΑΥΡΟΓΙΑΜΝΗΣ	ΔΗΜΟΣΙΟΣ ΥΠΑΛΛΗΛΟΣ	ΠΟΛΙΤΙΚΗ ΑΚΡΟΠΟΛΙΣ	6906783226 mmbite2@gmail.com	[Signature]
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Workshop  
Thessaloniki / Greece | Militos Consulting SA  
Date 27/03/2023








### Participants List

No.	Name	Position	Organisation	Email	Signature
1.	Georgios Saharidis	Professor UTH	UTH	saharidis@gmail.com	[Signature]
2.	George Kalantzis	Researcher UTH	UTH	george.kalantzis4@gmail.com	[Signature]
3.	Elitratios Chatzidakis	Student AUTH	AUTH	echatzidakis@yahoo.com	[Signature]
4.	Konstantina Sotiropoulou	Student AUTH	AUTH	konvasot@gappi.auth.gr	[Signature]
5.	George Trilivas	Student AUTH	AUTH	gio.trilivas@gmail.com	[Signature]
6.	Sidiropoulos Athanasios	PhD student	AUTH	athasidi@auth.gr	[Signature]

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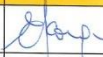
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No.	Name	Position	Organisation	Email	Signature
7.	Christina Panasteropoulou	PhD Candidate	AUTH (inv. by EELBE)	Chripasa@auth.gr	
8.	Παναγιώτης Δυφής	Managing Director	Digicom SYSTEMS A.E.	d.papasol@tenet.gr	
9.	Γιαννάκης Παύζος	Student	AUTH	giannakoup@meneg.auth.gr	
10.	Κεραμίδας Χρήστος	Καθηγητής	ΔΙΤΑΕ	keramidax@ihug.gr	
11.	Τσιτσάνης	Αντιπρόεδρος	EELBE		
12.	Συμεώνης Σπυρίδων	Rentacar Εξυπηρέτησης πελατών	COMFORT CARS	symeon17@gmail.com	
13.	Juliana Irlava	Energy analyst	EY	julianairlava@gmail.ru	
14.	Χρήστος	Μαθητής			

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No.	Name	Position	Organisation	Email	Signature
15.	Εύχια Καματσει	Auditor.	Ministry of Agriculture	effyhiak@yahoo.com	
16.					
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Workshop  
VOLOS / Greece | Millitos Consulting SA  
Date 26/04/2023

### Participants List

No.	Name	Position	Organisation	Email	Signature
1.	MARILIA VLASCROU	Freelancer	OWNER	marilia.vlascrou@volos.com	
2.	Stavros Pantopoulos	Επιχειρηματίας	Πανεπιστήμιο Θεσσαλίας	Stavros4@gmail.com	
3.	Georgios Politis	Επιχειρηματίας	Πανεπιστήμιο Θεσσαλίας	georgopolitis01@gmail.com	
4.	Georgios Savellaris	Επιχειρηματίας	Πανεπιστήμιο Θεσσαλίας	gsavellaris@gmail.com	
5.	Pantelis Mavromatis	Επιχειρηματίας	Πανεπιστήμιο Θεσσαλίας	pantelmavromatis@gmail.com	
6.	Petroula Gredoupa	Υπάλληλος	gas group pelagias	iref.drepana@netmail.com	

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No.	Name	Position	Organisation	Email	Signature
15.	Despoina Simopoulou	52 Φοιτήτρια	Uth	simopoulou.d@gmail.com	
16.	Alice Taki	53 Φοιτήτρια	Uth	ataki@uth.gr	
17.	Pantelis Doropoulos	39 Φοιτητής	Uth	pantelidoro@gmail.com	
18.	Apostolos Kallergis	38 Φοιτητής	Uth	apostskallergis@gmail.com	
19.	Sidiropoulos Epameinondas	Φοιτητής	Uth	epamsidirop@gmail.com	
20.	Sidos Nikolaos	Φοιτητής	uth	nich.sd.2004@gmail.com	
21.	Minas Makridis	Courier Driver	Courier Company	minasmakr98@gmail.com	
22.					
23.					

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TCCEE 2022 Attendee List

NOTE: Job positions and companies have been scrambled in accordance with data protection policy.

EVOTRACKING	CEO	SLOVENIA
EVOTRACKING	PRODUCT MANAGER	ISRAEL
FMS-BEOGRAD	CCO	PORTUGAL
FMS-BEOGRAD	COO	PORTUGAL
FROTCOM BULGARIA	DIRECTOR - ICT	BOSNIA AND HERZEGOVINA
GLOBEMA CS	CEO	BOSNIA AND HERZEGOVINA
GPS GATE AB SWEDEN	OPERATIONAL DIRECTOR	ROMANIA
GUARDONE ITALIA SRL	SALES MANAGER	ROMANIA
HERE TECHNOLOGIES	MARKETING MANAGER	ROMANIA
HERE TECHNOLOGIES	EXECUTIVE DIRECTOR	ROMANIA
HERE TECHNOLOGIES	BUSINESS DEVELOPMENT DIRECTOR EMEA	DENMARK
INELO	SALES ENGINEER	SLOVENIA
INELO	TECHNICAL ENGINEER	SLOVENIA
INELO	TECHNICIAN	SLOVENIA
ISYS PROFESSIONAL	HEAD OF FLEET DEPARTMENT	CROATIA
JSC "MECHATRONICS"	CEO	CROATIA
JSC "MECHATRONICS"	CEO	CZECH REPUBLIC
JSC "MECHATRONICS"	MAPS SERVICES PRODUCT & SALES MANAGER	CZECH REPUBLIC
JSC TELTONIKA TELEMATICS	CTO	ROMANIA
JSC TELTONIKA TELEMATICS	OFFERING MANAGER	BELGIUM
LINKS FIELD NETWORKS	HEAD OF INTERNATIONAL SALES	BELARUS
MAPON AS	CEO	BELARUS
MAPON AS	SALES MANAGER	BELARUS
MOBILISIS	SALES MANAGER EUROPE	SWEDEN
MOBILISIS	CHIEF OF SALES	LITHUANIA
MONITO	SALES DEVELOPMENT	LITHUANIA
MONOLIT D.O.O.	CHIEF WIALON OFFICER	LITHUANIA
NDRIVE SA	HEAD OF BUSINESS DEVELOPMENT CENTER	LITHUANIA
NDRIVE SA	CHIEF OF SALES	LITHUANIA
NEOWAY TECHNOLOGY CO., LTD.	BUSINESS DEVELOPMENT MANAGER	LITHUANIA
NETKO D.O.O.	HEAD OF INTERNATIONAL MARKETING	POLAND
OMNICOMM	ENFORCEMENT AUTHORITIES AND EXPORT SALES MANAGER	POLAND
OMNICOMM	INTERNATIONAL BUSINESS DEVELOPMENT DIRECTOR	POLAND

TCCEE 2022 Attendee List

NOTE: Job positions and companies have been scrambled in accordance with data protection policy.

PIVOVARNA LAŠKO UNION D.O.O.	REGIONAL SALES MANAGER	LITHUANIA
PTY AUSTRIA GMBH	HEAD OF REGION TO EUROPE	LITHUANIA
QUECLINK WIRELESS SOLUTIONS	EVENT MANAGER	SLOVENIA
QUECLINK WIRELESS SOLUTIONS LTD	BUSINESS MANAGER	HUNGARY
QUECLINK WIRELESS SOLUTIONS LTD	HEAD OF INTERNATIONAL SALES	RUSSIAN FEDERATION
RCL TEH D.O.O.	HEAD OF SALES, DACH	GERMANY
RCL TEH D.O.O.	EXPORT SALES DIRECTOR	LITHUANIA
RCL TEH D.O.O.	TECHNICAL SUPPORT TEAM LEAD	LITHUANIA
RUPTELA	SALES MANAGER EMEA	LITHUANIA
RUPTELA	INTERNATIONAL SALES MANAGER	LITHUANIA
RUPTELA	INTERNATIONAL SALES MANAGER	LITHUANIA
S&T ISKRATEL D.O.O.	REGIONAL SALES DIRECTOR	CZECH REPUBLIC
SATWORK	HEAD OF SALES DEPARTMENT	CZECH REPUBLIC
SATWORK	CEO	BULGARIA
SATWORK D.O.O.	CEO	SLOVENIA
SATWORK D.O.O.	CTO	SLOVENIA
SENSATA   XIRGO	CHIEF BUSINESS DEVELOPMENT OFFICER, EUROPE	ESTONIA
SENSATA   XIRGO	FOUNDER & CEO	ESTONIA
SENSATA   XIRGO	CEO	SERBIA
SISTEMISOFT S.R.L.	CTO	SERBIA
SLEDENIE D.O.O.	HEAD OF PURCHASE	SLOVENIA
SLEDENIE D.O.O.	HEAD OF SALES	SLOVENIA
SLOVENSKO LOGISTIČNO ZDRUŽENJE / 3 PROJEKT	SENIOR SALES MANAGER	SERBIA
SMARTIVO TEHNOLOGIJE D.O.O.	MOBILE	CROATIA
SMARTIVO TEHNOLOGIJE D.O.O.	CEO	CROATIA
SMARTIVO TEHNOLOGIJE D.O.O.	PRODUCT MANAGER	SLOVENIA
SMARTIVO TEHNOLOGIJE D.O.O.	RESEARCH AND DEVELOPMENT	SERBIA
SMARTIVO TEHNOLOGIJE D.O.O.	PROJECT LEAD	SLOVENIA
TAHOGRAF D.O.O.	PRODUCT CONTENT MANAGER	SLOVENIA
TAHOGRAF D.O.O.	FIELD APPLICATION ENGINEER	CROATIA
TECHNOTON	INTERNATIONAL SALES MANAGER	CROATIA
TECHNOTON	DIRECTOR	UNITED KINGDOM
TELEMATICSCEEUROPE	CONSULTANT	SLOVENIA



## 14. ANNEX II: Checklist for workshop event organization

	Task	By when
<input type="checkbox"/>	Decide the type of event (hybrid/physical)	1 ½ month prior the event
<input type="checkbox"/>	The date of the workshop event is set	1 ½ month prior the event
<input type="checkbox"/>	The venue of the workshop event is set	1 month prior the event
<input type="checkbox"/>	The equipment necessary for each of the event is set (PC/laptop, projector, screen, flipchart and/or rental arrangements-contracts).  In case of hybrid workshop hosting platform, additional required equipment is foreseen/set	1 month prior the event
<input type="checkbox"/>	The facilitator/speakers who will implement the workshop event is confirmed	20 days prior the event
<input type="checkbox"/>	Public announcements, direct communications and invitations have been sent on time	30-20 days prior the event
<input type="checkbox"/>	Follow up communications with potential participants has been arranged in order to finalize the participants	1 week prior the event
<input type="checkbox"/>	Reminder communications with confirmed participants have been arranged	1-2 days prior to each workshop
<input type="checkbox"/>	The workshop questionnaire has been translated (if needed)	1 week prior the event
<input type="checkbox"/>	Catering services for each workshop course have been arranged	2 weeks prior the event
<input type="checkbox"/>	Participants' list per workshop event has been prepared and printed	1 day prior the event
<input type="checkbox"/>	Videos received and checked with the available equipment	1 week prior the event
<input type="checkbox"/>	Project dissemination material has been received and arranged for distribution	1 week prior the event
<input type="checkbox"/>	Participants' list with participants' contacts details, signatures and photos from the workshop have been collected. Scanned copies have been safely stored.	1 day after the event
<input type="checkbox"/>	Filled in evaluation questionnaires have been collected and analysed	3 days after the event
<input type="checkbox"/>	All participants' feedback in both open-ended and closed-format questions has been analyzed and the national report has been filled out and sent to MILITOS to prepare a total report.	10 days after the event

## 15. ANNEX III: Agendas of each workshop

### 1st Workshop:

- ✓ 15 February 2023 | 17.00 | Military Museum | Athens
- ✓ Agenda (in Greek)

✓ Invitation & Registration

**15 Φεβρουαρίου 2023 | ώρα 17:00**

**«Εξυπνη» δρομολόγηση & Πράσινη Εφοδιαστική**

**Πολεμικό Μουσείο Αίθουσα Ρήγας Φεραίας**

**ΠΡΟΓΡΑΜΜΑ**

**17.00 - 17.20**

Πράσινη εφοδιαστική στο ελληνικό ρυθμιστικό & νομοθετικό πλαίσιο

**ΖΗΛΙΑΣΚΟΠΟΥΛΟΣ ΑΘΑΝΑΣΙΟΣ**

Πρόεδρος Συμβουλίου Ανάπτυξης & Ανταγωνιστικότητας Εφοδιαστικής & Πρόεδρος ΤΑΙΠΕΔ

**17.20 - 18.00**

Εφοδιαστική αλυσίδα & logistics: GreenYourRoute εφαρμογή

**ΔΡ. ΣΑΧΑΡΙΔΗΣ ΓΕΩΡΓΙΟΣ**

Αναπληρωτής Καθηγητής, Τμήμα Μηχανολόγων Μηχανικών, Πανεπιστήμιο Θεσσαλίας

**18.00 - 18.30**

Πρακτικές προσαρμογής επιχειρήσεων εφοδιαστικής αλυσίδας στη νέα εθνική νομοθεσία για την κλιματική αλλαγή

**ΠΑΠΑΣΩΤΗΡΙΟΥ ΔΗΜΗΤΡΗΣ**

Γενικός Διευθυντής Digicom Systems A.E. & Beyond the Best

**ΘΑ ΑΚΟΛΟΥΘΗΣΕΙ**

Coffee, Networking - Γενική συζήτηση



Το workshop πραγματοποιείται στο πλαίσιο του ευρωπαϊκού συγχρηματοδοτούμενου έργου LIFE Green Your Route



Συνάντηση παρουσίασης της εφαρμογής βελτιστοποίησης δρομολόγησης GREEN YOUR ROUTE

**«Εξυπνη» δρομολόγηση & Πράσινη Εφοδιαστική**



Let Us Become the Guide You Trust



**15 Φεβρουαρίου 2023 | ώρα 17:00**

**Πολεμικό Μουσείο Αίθουσα Ρήγας Φεραίας**

📍 Βασ. Σοφίας & Ριζάρη 2, Αθήνα 106 75

**ΔΗΛΩΣΕ ΣΥΜΜΕΤΟΧΗ ΔΩΡΕΑΝ ΕΔΩ** [🔗](#)

Το workshop πραγματοποιείται στο πλαίσιο του ευρωπαϊκού συγχρηματοδοτούμενου έργου Green Your Route



**ΕΞΑΣΦΑΛΙΣΤΕ**

- αποτελεσματικότερη διαχείριση δρομολογίων
- βέλτιστη αξιοποίηση των διαθέσιμων πόρων & χρόνου
- μείωση λειτουργικών εξόδων
- συμμόρφωση με το νέο νόμο για τη μέτρηση ανθρακικού αποτυπώματος

**2nd Workshop:**



- ✓ 27 March 2023 | 17.30 | YMCA | Room 303/2nd Floor | Thessaloniki
- ✓ Agenda (in Greek)
- ✓ Invitation & Registration



ΠΡΟΓΡΑΜΜΑ

17.00 - 17.20

Πράσινη εφοδιαστική στο ελληνικό ρυθμιστικό & νομοθετικό πλαίσιο

ΔΗΜΗΤΡΗΣ ΒΛΑΧΟΣ

Καθηγητής - Μέλος ΔΣ Ελληνικής Εταιρείας Logistics Βορείου Ελλάδος

17.20 - 18.00

Εφοδιαστική αλυσίδα & logistics: GreenYourRoute εφαρμογή

ΔΡ. ΣΑΧΑΡΙΔΗΣ ΓΕΩΡΓΙΟΣ

Αναπληρωτής Καθηγητής, Τμήμα Μηχανολόγων Μηχανικών, Πανεπιστήμιο Θεσσαλίας

ΓΙΩΡΓΟΣ ΚΑΛΑΝΤΖΗΣ

Ερευνητής, Τμήμα Μηχανολόγων Μηχανικών, Πανεπιστήμιο Θεσσαλίας

18.00 - 18.30

Πρακτικές προσαρμογής επιχειρήσεων εφοδιαστικής αλυσίδας στη νέα εθνική νομοθεσία για την κλιματική αλλαγή

ΠΑΠΑΣΩΤΗΡΙΟΥ ΔΗΜΗΤΡΗΣ

Γενικός Διευθυντής Digicom Systems A.E. & Beyond the Best

ΘΑ ΑΚΟΛΟΥΘΗΣΕΙ

Coffee, Networking - Γενική συζήτηση



Το workshop πραγματοποιείται στο πλαίσιο του ευρωπαϊκού συγχρηματοδοτούμενου έργου LIFE Green Your Route

Με τη συνεργασία



Συνάντηση παρουσίασης της εφαρμογής βελτιστοποίησης δρομολόγησης GREEN YOUR ROUTE

«Εξυπνη» δρομολόγηση & Πράσινη Εφοδιαστική



Let Us Become the Guide You Trust



27 Μαρτίου 2023 | ώρα 17:30

XANΘ Αίθουσα Σεμιναρίων 303, 2ος όροφος

Νικολάου Γερμανού 1 & Τσιμισκή Πλατεία Χ.Α.Ν.Θ., Θεσσαλονίκη

ΔΗΛΩΣΕ ΣΥΜΜΕΤΟΧΗ ΔΩΡΕΑΝ ΕΔΩ

Το workshop πραγματοποιείται στο πλαίσιο του ευρωπαϊκού συγχρηματοδοτούμενου έργου LIFE Green Your Route



Με τη συνεργασία



ΕΞΑΣΦΑΛΙΣΤΕ

- οπτελεματικότερη διαχείριση δρομολογίων
- βέλτιστη αξιοποίηση των διαθέσιμων πόρων & χρόνου
- μείωση λειτουργικών εξόδων
- συμβόρευση με το νέο νόμο για τη μείωση ανθρακικού οπισπώματος



### 3rd Workshop:

- ✓ 26 April 2023 | 17.00 | Centre for Culture and Arts "Theatini" | 1st Floor | Volos
- ✓ Agenda (in Greek)

**26 Απριλίου 2023** | ώρα 17:00

**«Εξυπνη» δρομολόγηση & Πράσινη Εφοδιαστική**

Κέντρο Πολιτισμού και Τέχων "Θεατρίνη"

**ΠΡΟΓΡΑΜΜΑ**

**17.00 - 17.30**

Πράσινη εφοδιαστική στο ελληνικό ρυθμιστικό & νομοθετικό πλαίσιο

**ΔΗΜΗΤΡΗΣ ΖΑΦΕΙΡΙΑΔΗΣ**

Strategic Advisor, Milltos Consulting S.A.

**17.30 - 18.00**

Εφοδιαστική αλυσίδα & logistics: GreenYourRoute εφαρμογή

**ΔΡ. ΣΑΧΑΡΙΑΔΗΣ ΓΕΩΡΓΙΟΣ**

Αναπληρωτής Καθηγητής, Τμήμα Μηχανολόγων Μηχανικών, Πανεπιστήμιο Θεσσαλίας

**ΓΙΩΡΓΟΣ ΚΑΛΑΝΤΖΗΣ**

Ερευνητής, Τμήμα Μηχανολόγων Μηχανικών, Πανεπιστήμιο Θεσσαλίας

**18.00 - 18.30**

Πρακτικές προσαρμογές επιχειρήσεων εφοδιαστικής αλυσίδας στη νέα εθνική νομοθεσία για την κλιματική αλλαγή

**ΠΑΠΑΣΩΤΗΡΙΟΥ ΔΗΜΗΤΡΗΣ**

Γενικός Διευθυντής Digicom Systems A.E. & Beyond the Best

**ΘΑ ΑΚΟΛΟΥΘΗΣΕΙ**

Coffee, Networking - Γενική συζήτηση



Το workshop πραγματοποιείται στο πλαίσιο του ευρωπαϊκού αναπτυξιοδότησιμου έργου LIFE Green Your Route



Συνάντηση παρουσίασης της εφαρμογής βελτιστοποίησης δρομολόγησης GREEN YOUR ROUTE

**«Εξυπνη» δρομολόγηση & Πράσινη Εφοδιαστική**



Let Us Become the Guide You Trust

**GREEN YOUR ROUTE**

**26 Απριλίου 2023** | ώρα 17:00

Κέντρο Πολιτισμού και Τέχων "Θεατρίνη"

Γλάτωνος 20, Βόλος 383 33

**ΔΗΛΩΣΕ ΣΥΜΜΕΤΟΧΗ ΔΩΡΕΑΝ ΕΔΩ**

Το workshop πραγματοποιείται στο πλαίσιο του ευρωπαϊκού αναπτυξιοδότησιμου έργου LIFE Green Your Route



**ΕΞΑΣΦΑΛΙΣΤΕ**

- αποτελεσματικότερη διαχείριση δρομολογίων
- βέλτιστη αξιοποίηση των διαθέσιμων πόρων & χρόνου
- μείωση λειτουργικών εσόδων
- συμμόρφωση με το νέο νόμο για τη μείωση ανθρακικού αποτυπώματος

## 16. ANNEX IV: Photo Gallery

### Slides from presentation

The platform

Every business needs a quick and reliable routing optimization tool

- ensures prompt, green, on-schedule deliveries
- manages daily vehicle routing operations in an environmental friendly way
- increases efficiency with automated routes and schedules
- provides routing solutions in less than a minute
- addresses specific customer needs
- promotes eco-efficient sustainable freight transport operations in urban regions, via environmental-friendly vehicle routing decisions

THE ROUTING PLANNER CAN

- choose the environmental friendliest route, the most profitable in terms of cost
- view results in less kilometers travelled, better occupancy rates and greater energy efficiency, since they benefit from lower fuel consumption

Daily operations emissions emitted are recorded and compared to the procedure followed before using GYR platform

## GreenYourRoute platform

An innovative environmental solution

A revolution for route optimization



Let Us Become the Guide You Trust

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

## The benefits

### Benefits by using GYR platform

**COMPANY**

- Tailor made system
- Easy + detailed scheduling + rescheduling
- High flexibility, transparency + efficiency
- Automatic consideration of various pre-determined restrictions
- Time saving by planning and dispatching

**ENVIRONMENT**

- Reduce of environmental impact drastically
- Reduction of CO2 emissions
- Economical driving
- Support monitoring systems to allow for policy actions



## The technology

- ✓ uses unique information technology of scientific innovation and technological progress
- ✓ includes tools and services promoting eco-efficient sustainable freight transport operations in urban regions, via environmental-friendly vehicle routing decisions
- ✓ addresses driving eco-requirements as well as operational cost efficiency via innovative environmental assessment approach

GYR platform takes into consideration:

- the minimum total traveling distance or time of vehicles fleet
- the number of additional factors affecting energy efficiency in freight transportation

