

# DigLogs

## DelPlan - User documentation

| <b>Responsible partner: PP6 Polo Inoltra</b><br><b>Involved partners: PP5 Actual I.T. d.d.</b> |        |            |                        |
|--|--------|------------|------------------------|
| Version  | Status | Date       | Author                 |
| 1  | Final  | 30.09.2021 | PP5 - Actual I.T. d.d. |
| <b>Notes:</b>  |        |            |                        |

### **DISCLAIMER**

*This document reflects the author's views; the Programme authorities are not liable for any use that may be made of the information contained therein.*

## Table of Contents

|       |   |    |
|-------|---|----|
| 1     | DelPlan landing page .....              | 2  |
| 2     | DelPlan application - user manual ..... | 6  |
| 2.1   | New user registration .....             | 7  |
| 2.2   | Login of the existing user .....        | 8  |
| 2.3   | General overview .....                  | 9  |
| 2.4   | Route planning .....                    | 9  |
| 2.4.1 | Customer booking request list .....     | 9  |
| 2.4.2 | New request .....                       | 12 |

## 1 DelPlan landing page

The DigLogs- DelPlan homepage can be found at the Internet address: <https://diglogs.portline.eu/>.

The page consists of the three parts:

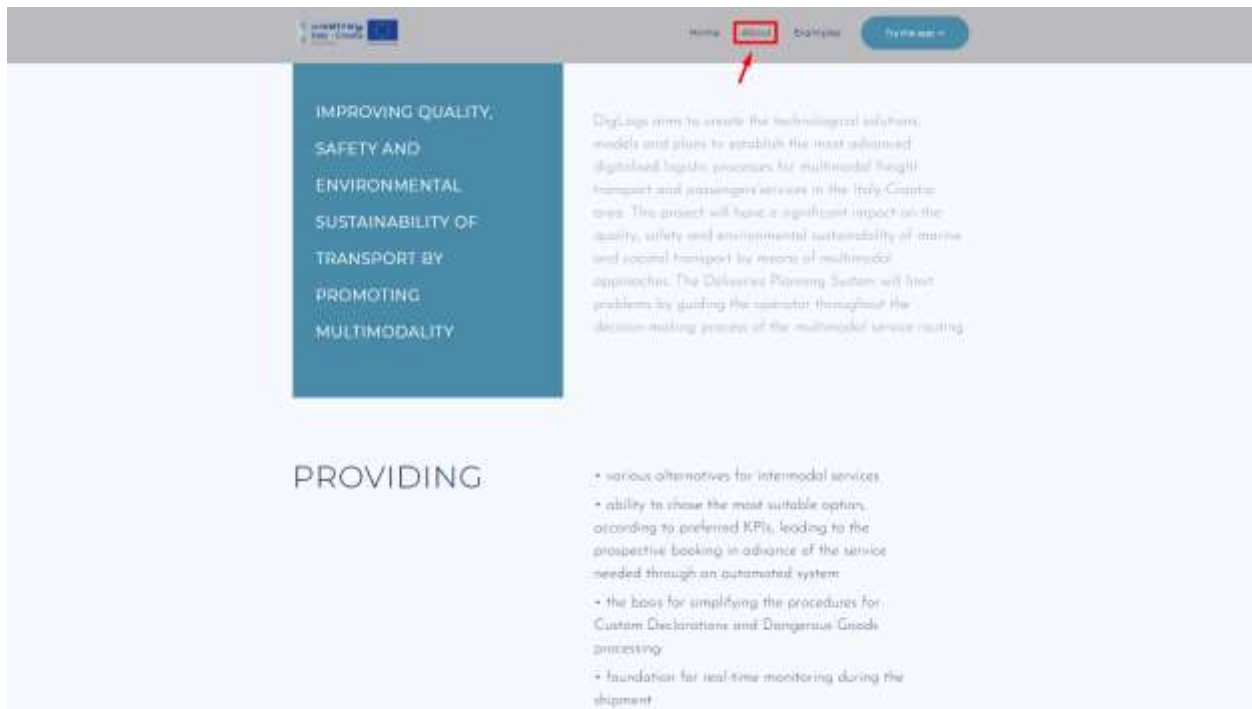
1. “Home” section- opens automatically and by pressing the “Home” button



### Simplifying multi-modal delivery planning and execution



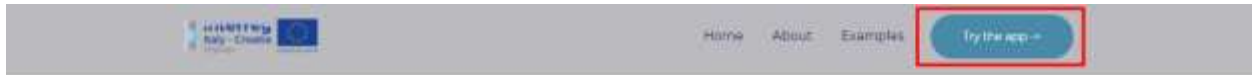
2. “About” section- opens by pressing the “About” button; contains a general description of the project and application



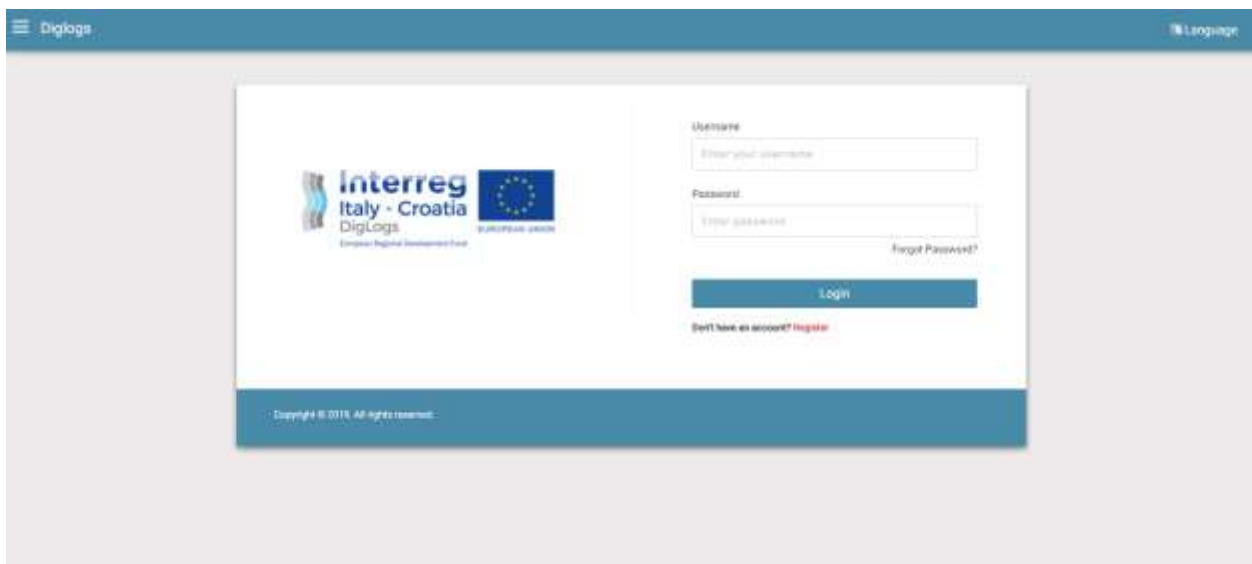
- 3. “Examples”- opens by pressing the “Examples” button; contains demo videos and tutorials about the application



“Try the app” button redirects the user to the application website.

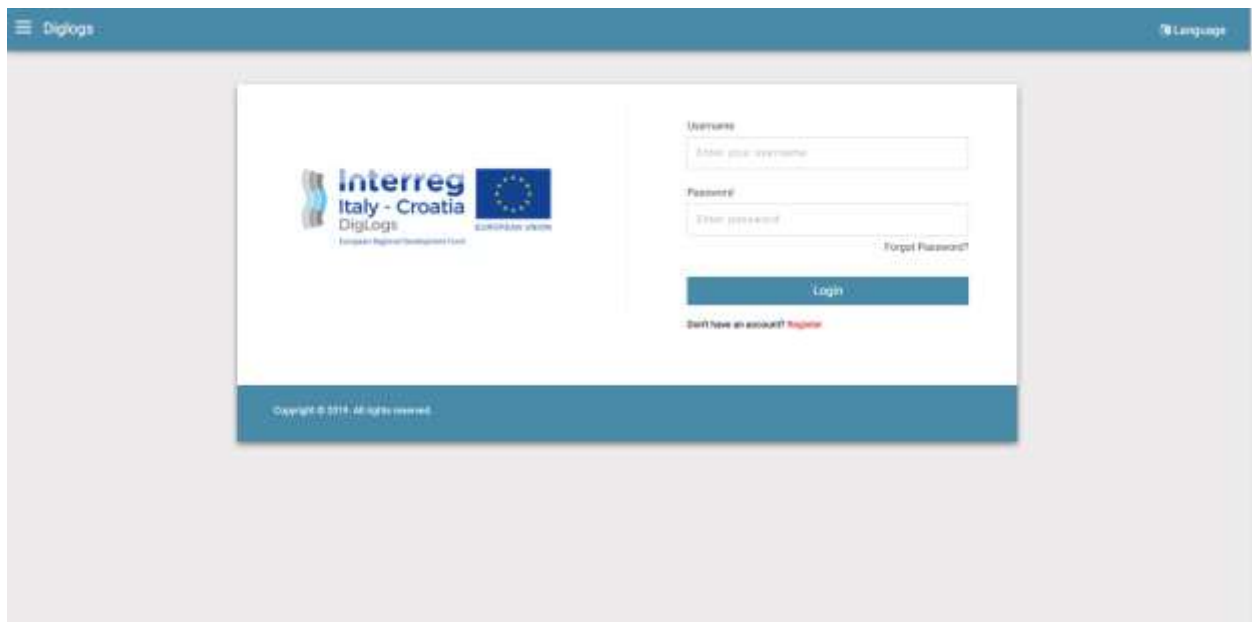


## Simplifying multi-modal delivery planning and execution



## 2 DelPlan application - user manual

The DelPlan application can be found at the Internet address: <https://devdiglogs.portline.eu/login>.



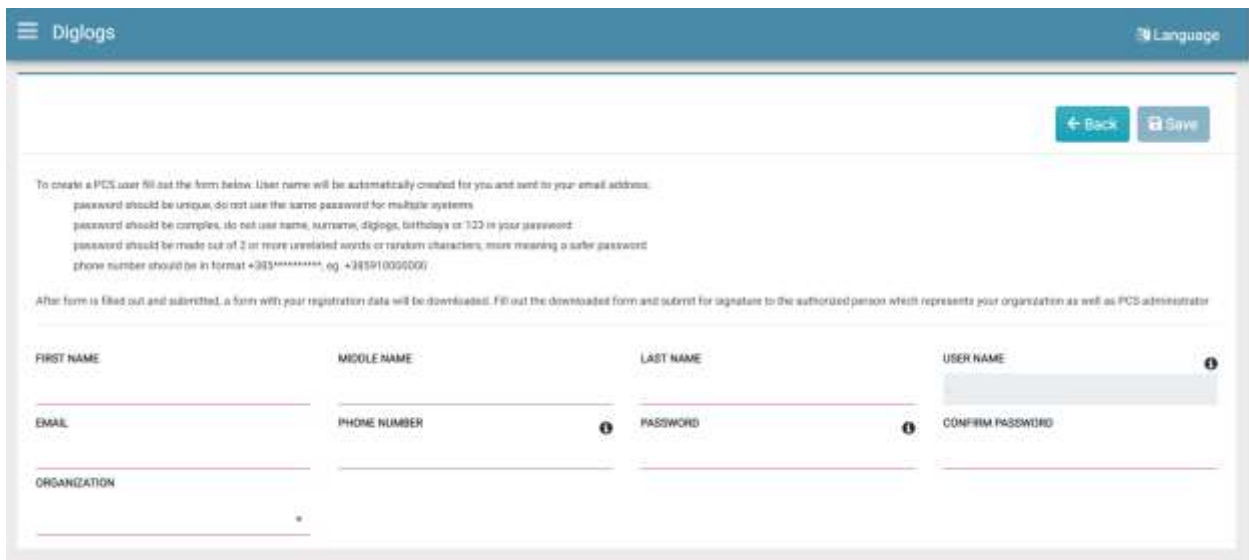
The system consists of the following units:

1. New user registration
2. Login of the existing user
3. General overview
4. Route planning

## 2.1 New user registration

When the user first accesses the system page, registration is required. Once registered the users can access all their data at any time. Registration is required to avoid misuse by the unauthorized users.

The entered e-mail address is used for the user activation and login to the system. It is important that the registered e-mail address is correct and active.





The screenshot shows a registration form with the following fields and instructions:

- Instructions:**
  - To create a PCS user fill out the form below. User name will be automatically created for you and sent to your email address.
  - password should be unique, do not use the same password for multiple systems
  - password should be complex, do not use name, surname, diglogs, birthdays or 123 in your password
  - password should be made out of 2 or more unrelated words or random characters, more meaning a safer password
  - phone number should be in format +383\*\*\*\*\*, eg. +38391000000
- Form Fields:**
  - FIRST NAME (required)
  - MIDDLE NAME
  - LAST NAME
  - USER NAME (required)
  - EMAIL (required)
  - PHONE NUMBER (required)
  - PASSWORD (required)
  - CONFIRM PASSWORD (required)
  - ORGANIZATION
- Buttons:** Back, Save

Red marked data is required.

After entering the data in the registration form, the user activates the account by clicking on the “Save” button.



 Diglogs  Language

**Test User** [← Back](#) [Save](#)



To create a PCS user fill out the form below. User name will be automatically created for you and sent to your email address.  
 password should be unique, do not use the same password for multiple systems  
 password should be complex, do not use name, surname, diglogs, birthdays or 123 in your password  
 password should be made out of 2 or more unrelated words or random characters, more meaning a safer password  
 phone number should be in format +381\*\*\*\*\*, eg. +385910000300


After form is filled out and submitted, a form with your registration data will be downloaded. Fill out the downloaded form and submit for signature to the authorized person which represents your organization as well as PCS administrator

|                        |                     |                  |                         |
|------------------------|---------------------|------------------|-------------------------|
| <b>FIRST NAME</b>      | <b>MIDDLE NAME</b>  | <b>LAST NAME</b> | <b>USER NAME</b>        |
| Test                   |                     | User             | TestUser2               |
| <b>EMAIL</b>           | <b>PHONE NUMBER</b> | <b>PASSWORD</b>  | <b>CONFIRM PASSWORD</b> |
| test.user@actual-it.eu |                     | *****            | *****                   |
| <b>ORGANIZATION</b>    |                     |                  |                         |
| T - Actual IT          |                     |                  |                         |

## 2.2 Login of the existing user

Login to the system is done with a registered e-mail address and a registered password by clicking on the button “Login”.

 Diglogs  Language



Interreg  
Italy - Croatia  
DigLogs  
European Regional Development Fund

Username

Password

[Forget Password?](#)

[Login](#)

[Don't have an account? Register](#)

Copyright © 2015. All rights reserved.

## 2.3 General overview

On the general overview screen, the user is able to see the number of requests currently in progress, the number of reroutes created and the number of requests that will complete until the end of the day.



## 2.4 Route planning

Route planning functionality of the application consists out of two parts: customer booking request list and new request.

### 2.4.1 Customer booking request list

On this screen the user is able to see all booking requests created until that moment.

Customer booking request list

| ID  | STATUS                              | STARTING POINT       | ETD                 | ARRIVAL POINT        | ETA                 | CARGO TYPE         |
|-----|-------------------------------------|----------------------|---------------------|----------------------|---------------------|--------------------|
| 114 | <input checked="" type="checkbox"/> | Port of Sibeni       | 03/12/2021 07:30:00 | Sibeni               | 24/12/2021 00:00:00 | Bulk               |
| 112 | <input type="checkbox"/>            | Novara               | 29/11/2021 00:00:00 | Split                | 09/12/2021 00:00:00 | Solid - palletized |
| 111 | <input type="checkbox"/>            | Novara               | 29/11/2021 00:00:00 | Split                | 09/12/2021 00:00:00 | Solid - palletized |
| 110 | <input checked="" type="checkbox"/> | Port of Ortona       | 25/11/2021 09:18:52 | Sibeni               | 03/12/2021 00:00:00 | Solid - palletized |
| 108 | <input checked="" type="checkbox"/> | Port of Ancona       | 15/11/2021 23:04:04 | Port of Sibeni       | 16/11/2021 18:50:04 | Gas                |
| 106 | <input checked="" type="checkbox"/> | Interporto di Novara | 15/11/2021 09:00:00 | Interporto d'Abruzzo | 16/11/2021 00:00:00 | Liquid             |
| 105 | <input checked="" type="checkbox"/> | Interporto d'Abruzzo | 20/12/2021 11:00:00 | Port of Sibeni       | 21/12/2021 08:00:00 | Gas                |
| 104 | <input checked="" type="checkbox"/> | Port of Ancona       | 07/12/2021 14:04:04 | Port of Sibeni       | 08/12/2021 10:45:04 | Gas                |
| 103 | <input type="checkbox"/>            | Interporto d'Abruzzo | 12/09/2022 15:00:00 | Port of Split        | 13/09/2022 09:51:00 | Gas                |
| 102 | <input checked="" type="checkbox"/> | Port of Ortona       | 22/11/2021 23:05:21 | Port of La Spezia    | 23/11/2021 14:06:21 | Bulk               |

1 - 10 of 20 items

By clicking on the ID number of a particular booking request, the user can enter it and see all the details regarding it.

Customer booking request list

| ID  | STATUS                              | STARTING POINT       | ETD                 | ARRIVAL POINT        | ETA                 | CARGO TYPE         |
|-----|-------------------------------------|----------------------|---------------------|----------------------|---------------------|--------------------|
| 114 | <input checked="" type="checkbox"/> | Port of Sibeni       | 03/12/2021 07:30:00 | Sibeni               | 24/12/2021 00:00:00 | Bulk               |
| 112 | <input type="checkbox"/>            | Novara               | 29/11/2021 00:00:00 | Split                | 09/12/2021 00:00:00 | Solid - palletized |
| 111 | <input type="checkbox"/>            | Novara               | 29/11/2021 00:00:00 | Split                | 09/12/2021 00:00:00 | Solid - palletized |
| 110 | <input checked="" type="checkbox"/> | Port of Ortona       | 25/11/2021 09:18:52 | Sibeni               | 03/12/2021 00:00:00 | Solid - palletized |
| 108 | <input checked="" type="checkbox"/> | Port of Ancona       | 15/11/2021 23:04:04 | Port of Sibeni       | 16/11/2021 18:50:04 | Gas                |
| 106 | <input checked="" type="checkbox"/> | Interporto di Novara | 15/11/2021 09:00:00 | Interporto d'Abruzzo | 16/11/2021 00:00:00 | Liquid             |
| 105 | <input checked="" type="checkbox"/> | Interporto d'Abruzzo | 20/12/2021 11:00:00 | Port of Sibeni       | 21/12/2021 08:00:00 | Gas                |
| 104 | <input checked="" type="checkbox"/> | Port of Ancona       | 07/12/2021 14:04:04 | Port of Sibeni       | 08/12/2021 10:45:04 | Gas                |
| 103 | <input type="checkbox"/>            | Interporto d'Abruzzo | 12/09/2022 15:00:00 | Port of Split        | 13/09/2022 09:51:00 | Gas                |
| 102 | <input checked="" type="checkbox"/> | Port of Ortona       | 22/11/2021 23:05:21 | Port of La Spezia    | 23/11/2021 14:06:21 | Bulk               |

1 - 10 of 20 items

**Diglogs** Test User

- Dashboard
- Route planning
  - Customer booking request list
  - New request
- Administration

**Customer booking request**

|                                   |                                       |                        |                                       |
|-----------------------------------|---------------------------------------|------------------------|---------------------------------------|
| STARTING POINT<br>Port of Šibenik | ARRIVAL POINT<br>Split                | CARGO TYPE<br>B.C. 0-5 | HAZARDOUS<br><input type="checkbox"/> |
| ETD<br>03/12/2021 08:30           | DELIVERY DEADLINE<br>04/12/2021 00:00 |                        |                                       |
| SELECTED ITU<br>A                 | TOTAL EMISSION (gCO2)                 |                        |                                       |

Reroutes (previous requests)

Customer booking request 313

STARTING POINT  
Port of Šibenik

ARRIVAL POINT  
Split

CREATED DATE  
22/11/2021 16:57

ETA  
04/12/2021 00:00

← Collapse sidebar

**Diglogs** Test User

- Dashboard
- Route planning
  - Customer booking request list
  - New request
- Administration

ARRIVAL POINT  
Split

CREATED DATE  
22/11/2021 16:57

ETA  
04/12/2021 00:00

Past leg(s)

Current leg

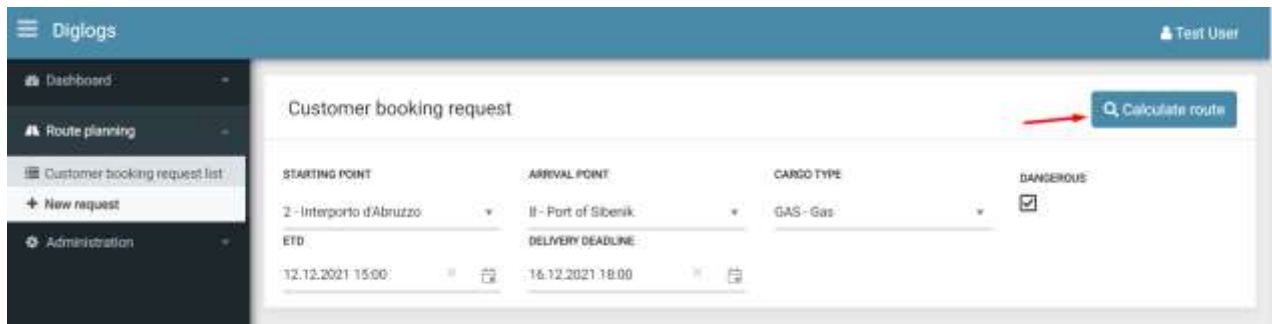
Next leg(s)

|   |  |
|---|--|
| <p>1 Port of Šibenik</p> <p>Port of Split 2</p> <p><b>By Road</b> € 128</p> <p>ETD 03/12/2021 08:30</p> <p>ETA 03/12/2021 10:00</p> <p>Emissions 7173 gCO2</p> <p>Reroute</p> | <p>2 Port of Split</p> <p>Split 1</p> <p><b>By Rail</b> € 250</p> <p>ETD 03/12/2021 11:00</p> <p>ETA 03/12/2021 16:45</p> <p>Emissions 0 gCO2</p> <p>Reroute</p> |
|---|--|

← Collapse sidebar

## 2.4.2 New request

By choosing the new request screen, user can start creating his customer booking request. After entering the data (red fields are required), user can start the calculation by clicking on the “Calculate route” button.

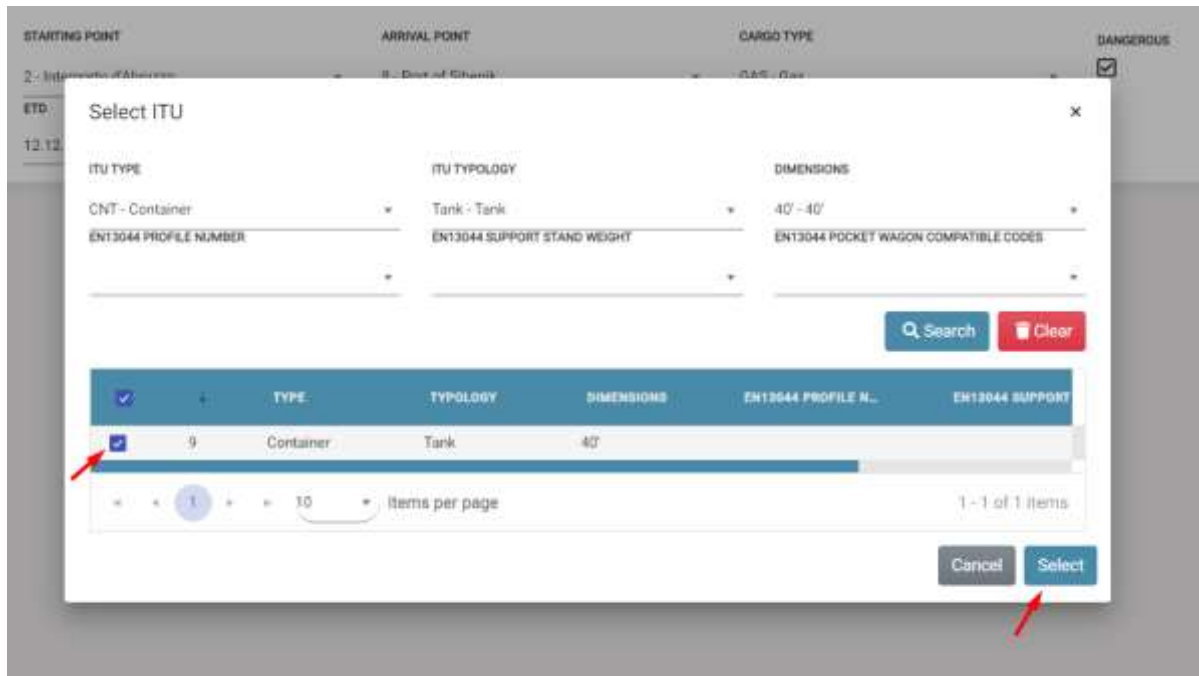


The screenshot shows the 'Customer booking request' form. The fields are as follows:

| STARTING POINT           | ARRIVAL POINT        | CARGO TYPE | DANGEROUS                           |
|--------------------------|----------------------|------------|-------------------------------------|
| 2 - Interporto d'Abruzzo | II - Port of Siberik | GAS - Gas  | <input checked="" type="checkbox"/> |
| ETD                      | DELIVERY DEADLINE    |            |                                     |
| 12.12.2021 15:00         | 16.12.2021 18:00     |            |                                     |

A red arrow points to the 'Calculate route' button in the top right corner.

Now the user must choose the ITU type for transport of the cargo. The user can filter the results to find a specific ITU type. Once the ITU type is checked, the user can click on the “Select” button.

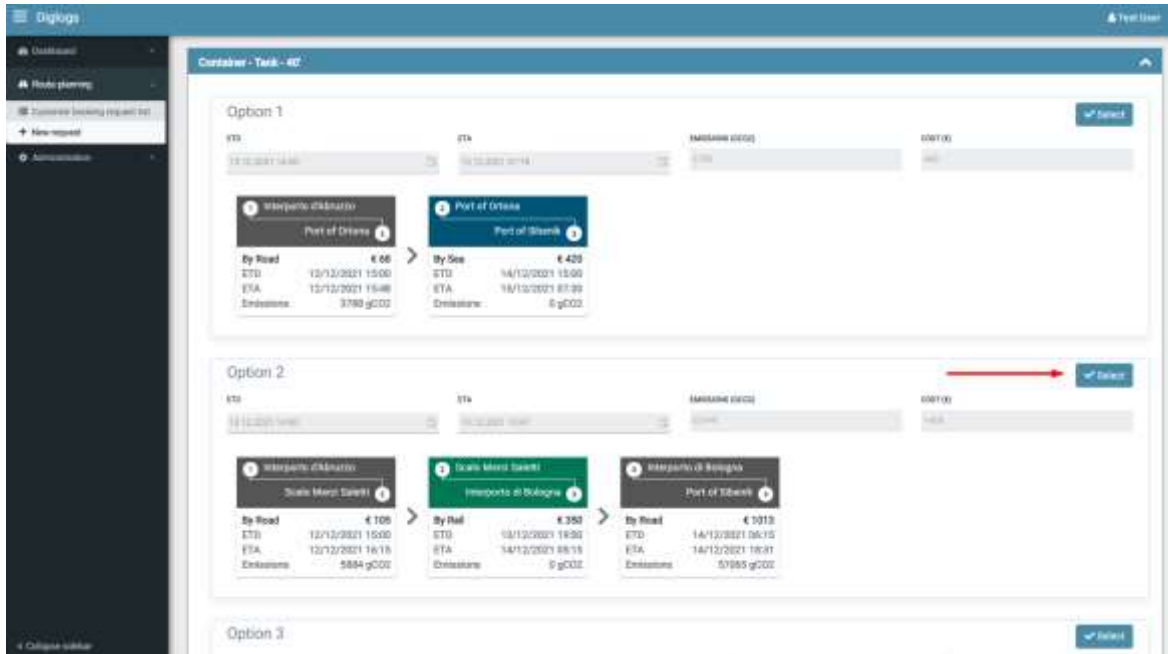


The screenshot shows the 'Select ITU' dialog box. The table below lists the available ITU types:

| ITU TYPE                            | ITU TYPOLOGY  | DIMENSIONS | EN13044 PROFILE NUMBER | EN13044 SUPPORT |
|-------------------------------------|---------------|------------|------------------------|-----------------|
| CNT - Container                     | Tank - Tank   | 40' - 40'  |                        |                 |
| <input checked="" type="checkbox"/> | 9 - Container | Tank       | 40'                    |                 |

A red arrow points to the 'Select' button in the bottom right corner.

Next step is selecting one of the route options.



The screenshot shows the 'DigLogs' interface with a sidebar on the left containing 'Dashboard', 'Route planning', 'Customer booking request list', 'New request', and 'Administration'. The main area is titled 'Container - Tank - 40' and displays three route options. A red arrow points to the 'Select' button for Option 2.

**Option 1**

| ETA              | ETD              | (MARETTA (GCO)) | ESTD (G) |
|------------------|------------------|-----------------|----------|
| 12/12/2021 14:46 | 14/12/2021 07:14 | 0000            | 0000     |

1 Interporto d'Abruzzo (Port of Ortona) **€ 66**  
 By Road  
 ETD: 12/12/2021 15:00  
 ETA: 12/12/2021 16:48  
 Emissione: 3790 gCO2

2 Port of Ortona (Port of Ortona) **€ 420**  
 By Sea  
 ETD: 14/12/2021 15:00  
 ETA: 14/12/2021 07:00  
 Emissione: 0 gCO2

**Option 2**

| ETA              | ETD              | (MARETTA (GCO)) | ESTD (G) |
|------------------|------------------|-----------------|----------|
| 12/12/2021 14:46 | 14/12/2021 08:11 | 0000            | 0000     |

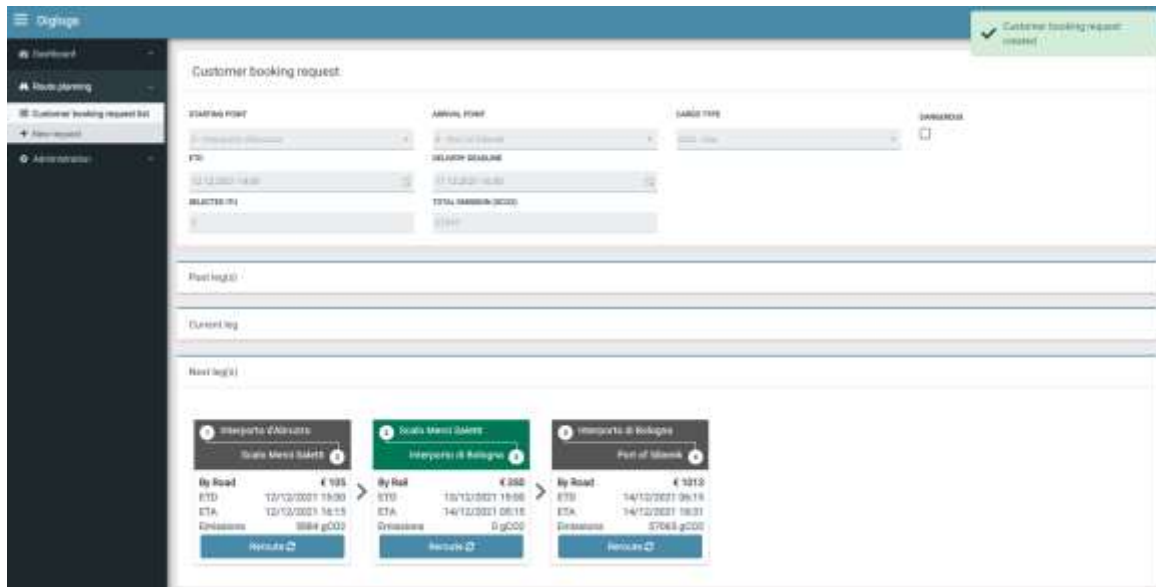
1 Interporto d'Abruzzo (Stato Marec Salaria) **€ 105**  
 By Road  
 ETD: 12/12/2021 15:00  
 ETA: 12/12/2021 16:15  
 Emissione: 5884 gCO2

2 Stato Marec Salaria (Interporto di Bologna) **€ 350**  
 By Rail  
 ETD: 13/12/2021 19:00  
 ETA: 14/12/2021 06:15  
 Emissione: 0 gCO2

3 Interporto di Bologna (Port of Sibari) **€ 1010**  
 By Road  
 ETD: 14/12/2021 06:15  
 ETA: 14/12/2021 18:31  
 Emissione: 5765 gCO2

**Option 3**

Now, the customer booking request is created.



The screenshot shows the 'DigLogs' interface with a sidebar on the left. The main area is titled 'Customer booking request' and displays a summary of the request. A green checkmark icon and the text 'Customer booking request created!' are visible in the top right corner.

**Customer booking request:**

| STARTING POINT       | ARRIVAL POINT  | START TIME       | END TIME         |
|----------------------|----------------|------------------|------------------|
| Interporto d'Abruzzo | Port of Ortona | 12/12/2021 14:46 | 14/12/2021 07:14 |

EMISSIONE: 3790 gCO2  
 EMISSIONE: 0 gCO2

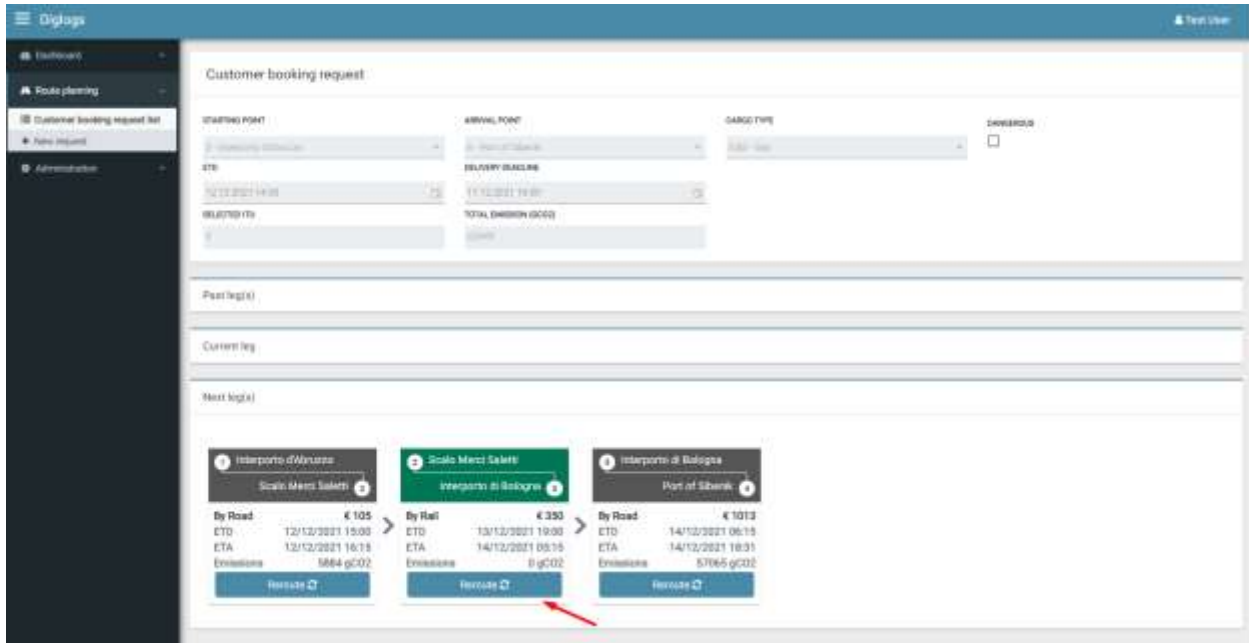
Port leg(s):  
 Current leg:  
 Next leg(s):

1 Interporto d'Abruzzo (Stato Marec Salaria) **€ 105**  
 By Road  
 ETD: 12/12/2021 15:00  
 ETA: 12/12/2021 16:15  
 Emissione: 5884 gCO2  
 Re-route

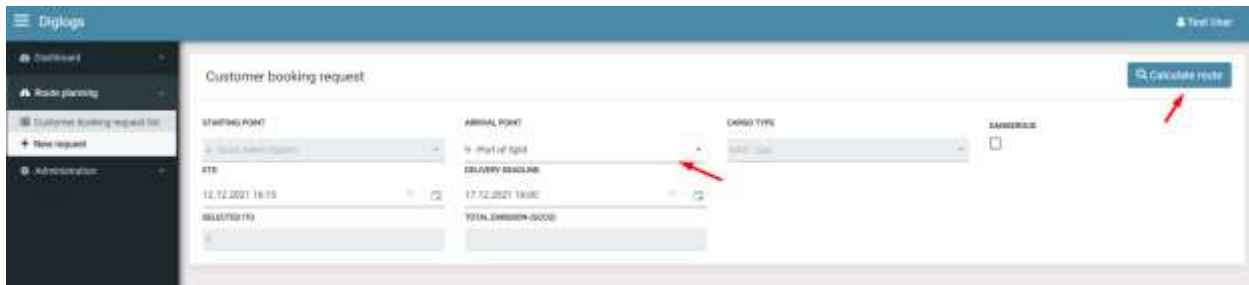
2 Stato Marec Salaria (Interporto di Bologna) **€ 350**  
 By Rail  
 ETD: 13/12/2021 19:00  
 ETA: 14/12/2021 06:15  
 Emissione: 0 gCO2  
 Re-route

3 Interporto di Bologna (Port of Sibari) **€ 1010**  
 By Road  
 ETD: 14/12/2021 06:15  
 ETA: 14/12/2021 18:31  
 Emissione: 5765 gCO2  
 Re-route

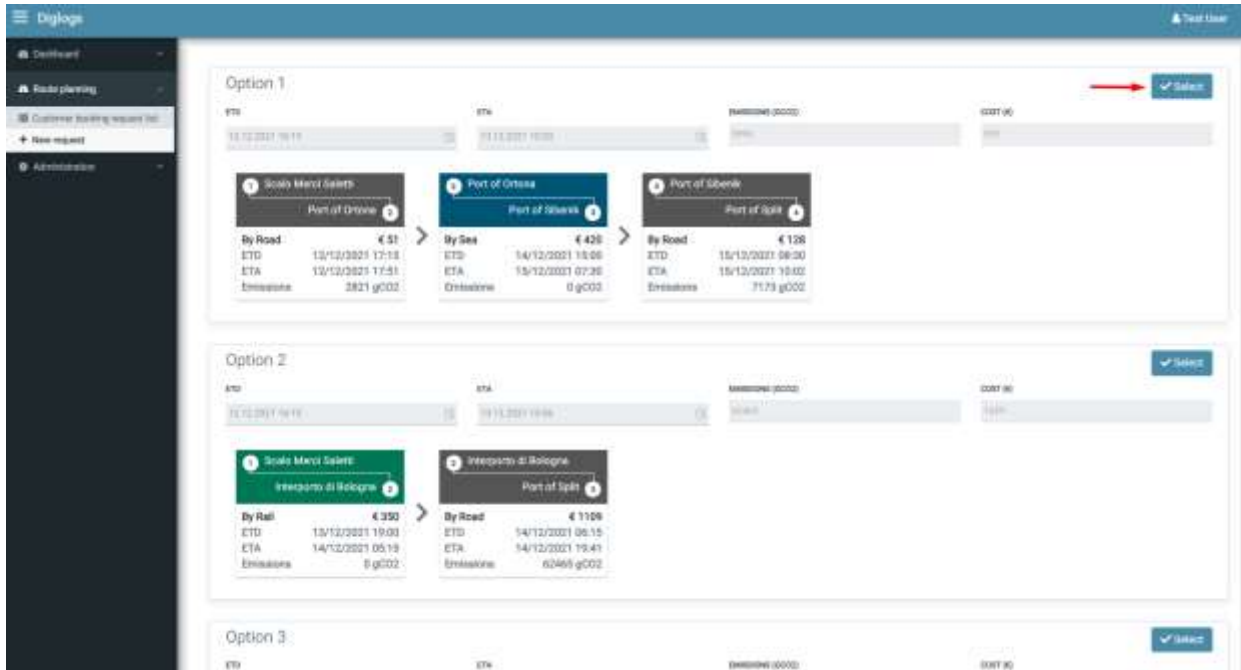
The user also has an option to reroute a certain part of the route (leg).



By doing so, the user must enter a new arrival point.



After that, new route options become available to the user.



**Option 1**

| ETD              | ETA              | EMISSION (gCO2) | COST (€) |
|------------------|------------------|-----------------|----------|
| 13/12/2021 16:15 | 21/12/2021 10:00 | 0gCO2           | 0€       |

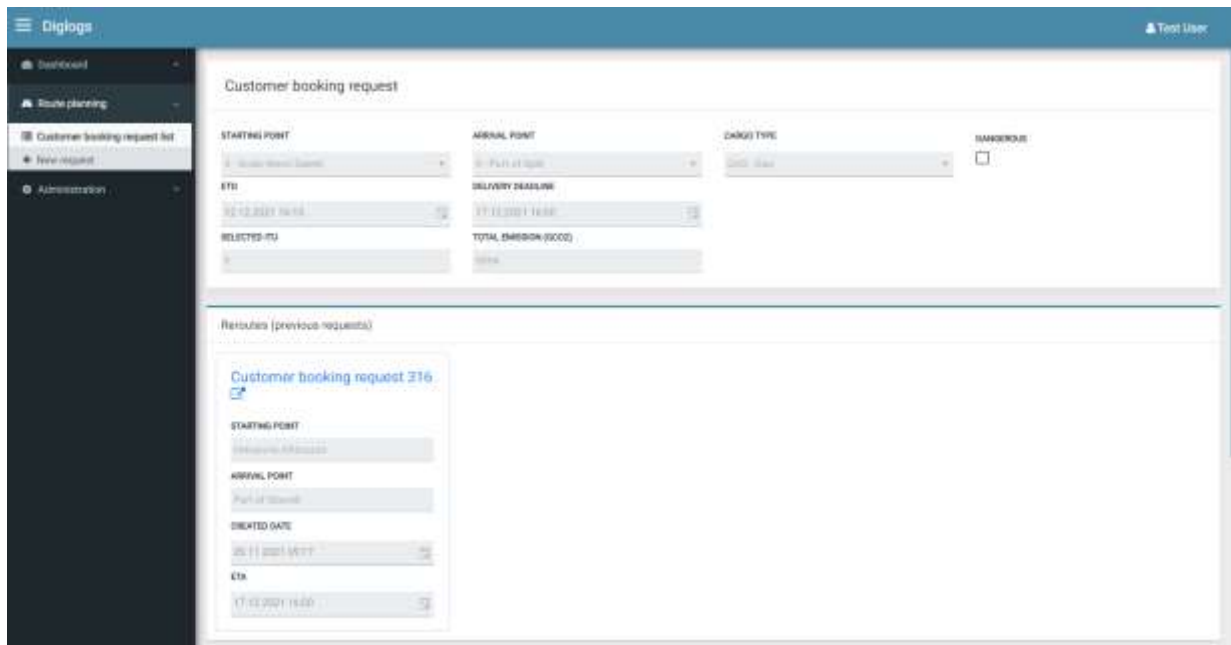
1 Scalo Merlo Salotti (Port of Ostia) → 2 Port of Ostia (Port of Ostia) → 3 Port of Sibenik (Port of Split)

| By Road             | Cost  |
|---------------------|-------|
| Scalo Merlo Salotti | € 51  |
| Port of Ostia       | € 420 |
| Port of Sibenik     | € 128 |

**Option 2**  
 1 Scalo Merlo Salotti (Fregene di Bologna) → 2 Fregene di Bologna (Port of Split)

| By Rail             | Cost   |
|---------------------|--------|
| Scalo Merlo Salotti | € 330  |
| Fregene di Bologna  | € 1108 |

Now, a new booking request has been created, containing a link to the old one.



**Customer booking request**

| STARTING POINT      | ARRIVAL POINT | CARGO TYPE | HAZARDOUS                |
|---------------------|---------------|------------|--------------------------|
| Scalo Merlo Salotti | Port of Split | DRY Bulk   | <input type="checkbox"/> |

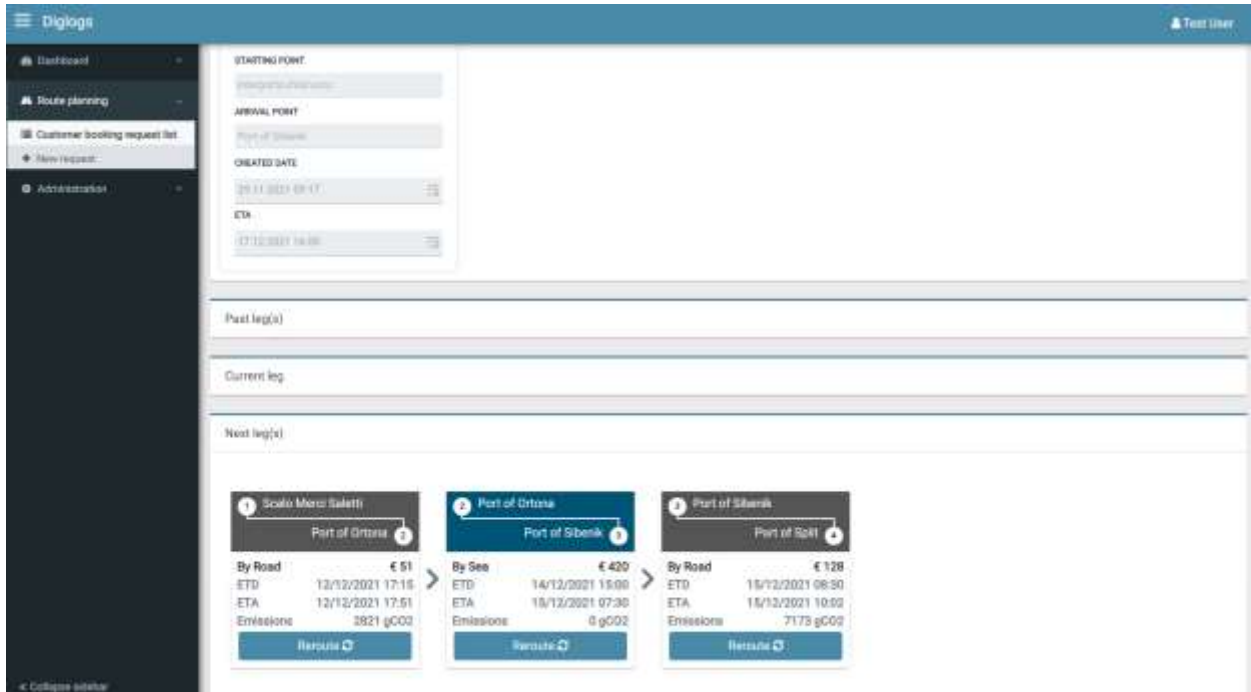
ETD: 13/12/2021 16:15 | DELIVERY DEADLINE: 21/12/2021 10:00  
 SELECTED-ITU: 0 | TOTAL EMISSION (gCO2): 0gCO2

**Reroutes (previous requests)**

[Customer booking request 216](#)

| STARTING POINT      | ARRIVAL POINT   | CREATED DATE     | ETA              |
|---------------------|-----------------|------------------|------------------|
| Scalo Merlo Salotti | Port of Sibenik | 26/11/2021 05:17 | 17/12/2021 16:00 |





The screenshot shows the DigLogs application interface. On the left is a navigation menu with options: Dashboard, Route planning, Customer booking request list, New Request, and Administration. The main area displays route planning details:

- STARTING POINT:** [Input field]
- ARRIVAL POINT:** Port of Sibeni
- CREATED DATE:** 29/11/2021 09:17
- ETA:** 07/12/2021 08:50

Below these fields are sections for 'Past leg(s)', 'Current leg', and 'Next leg(s)'. The 'Next leg(s)' section shows three legs:

| 1                                     | 2                                | 3                               |
|---------------------------------------|----------------------------------|---------------------------------|
| Scalo Marco Saletti<br>Port of Ortana | Port of Ortana<br>Port of Sibeni | Port of Sibeni<br>Port of Spili |
| By Road € 51                          | By Sea € 420                     | By Road € 128                   |
| ETD 12/12/2021 17:15                  | ETD 14/12/2021 15:00             | ETD 15/12/2021 08:50            |
| ETA 12/12/2021 17:51                  | ETA 19/12/2021 07:30             | ETA 15/12/2021 10:00            |
| Emissions 3921 gCO2                   | Emissions 0 gCO2                 | Emissions 7175 gCO2             |
| Reroute                               | Reroute                          | Reroute                         |

The application can also block one of the legs on the route if that leg is not available for the transport (due to weather conditions, closed road...). In that case, a user can see an alert and an explanation and needs to reroute the blocked leg.

Customer booking request

|                                  |                                       |                   |                                       |
|----------------------------------|---------------------------------------|-------------------|---------------------------------------|
| STARTING POINT<br>Port of Ancona | ARRIVAL POINT<br>Port of Split        | CARGO TYPE<br>Sea | DANGEROUS<br><input type="checkbox"/> |
| ETD<br>20/12/2021 15:00          | DELIVERY DEADLINE<br>31/12/2021 00:00 |                   |                                       |
| SELECTED IPU<br>0                | TOTAL EMISSION (gCO2)<br>0 gCO2       |                   |                                       |

Past leg(s)

Current leg

Next leg(s)

|  |  |   |
|--|--|---|
| <b>1</b> Interporto d'Abruzzo<br>Port of Ancona<br>By Road € 254<br>ETD 20/12/2021 12:00<br>ETA 20/12/2021 15:04<br>Emission 14266 gCO2<br>Results | <b>2</b> Port of Ancona<br>Port of Split<br>By Sea € 300<br>ETD 25/12/2021 15:00<br>ETA 26/12/2021 07:30<br>Emission 0 gCO2<br><b>Blocked</b><br>Results | <b>3</b> Port of Split<br>Port of Sibenik<br>By Road € 128<br>ETD 26/12/2021 08:30<br>ETA 26/12/2021 10:02<br>Emission 7173 gCO2<br>Results |
|--|--|---|

### Section blocked

Section blocked during:  
06.11.2021 15:00:00 - 09.11.2021 00:00:00

Reason:  
Ferry Ancona - Split is canceled due to weather conditions.

**Ok**