## Project Information

<table>
<thead>
<tr>
<th>Shift2MaaS</th>
<th>Funded under</th>
</tr>
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<tbody>
<tr>
<td>Grant agreement ID: 826252</td>
<td>H2020-EU.3.4.8.4.</td>
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<tr>
<td>Coordinated by</td>
<td></td>
</tr>
<tr>
<td>UNION INTERNATIONALE DES</td>
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<tr>
<td>TRANSPORTS PUBLICS</td>
<td>Belgium</td>
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### Closed project

<table>
<thead>
<tr>
<th>Start date</th>
<th>End date</th>
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<tbody>
<tr>
<td>1 December 2018</td>
<td>30 June 2021</td>
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### Overall budget

- € 1,492,363,42

### EU contribution

- € 1,492,363,42

## Project description

### Uptake of MaaS schemes

Cities across Europe face the same problem: too many cars are trying to occupy too little space on the road. The problem will become more widespread if alternatives to ease the gridlock are not found. The EU-funded Shift2MaaS project seeks to increase the uptake of Mobility as a Service (MaaS) platforms. In collaboration with other Shift2Rail projects (which promote competitiveness of the European rail industry), the project will support IP4 technology (IT solutions for attractive railway services). Shift2MaaS co-designs and validates scenarios for the deployment of
Shift2Rail IP4 solutions, organises their demonstrations in three European sites and assesses their impact focusing on regulatory and behavioural aspects.

**Objective**

In a fast moving environment, access to information about options for travel that is instant, easy to use, attractive to customers, and authoritative is vital. Therefore a one-stop-mobility shop, acting as a personal mobility assistant, is the key to offer citizens an alternative that challenges car ownership. New technologies can play a crucial role for a large scale and stable business operation of Mobility as a Service (MaaS) at a global level. Interoperability Framework, Travel Shopping, Booking and Ticketing, Validation, Payment and Trip Tracking are technologies developed within Shift2Rail IP4 to meet the engineering challenges associated with leveraging current actions on establishing open-data policies and data exchange standardization. Given this, the main goal of Shift2MaaS is to support the uptake of the IP4 technology and overcome the technical and non-technical barriers for the adoption of new integrated mobility platforms. Shift2MaaS aims to support the introduction of Shift2Rail IP4 technology within the MaaS context by analysing the needs in terms of technology enablers of the different stakeholders involved, and demonstrating the benefits of IP4 through pilot demonstrators of collective and shared mobility services and the seamless passenger experience. To this end, Shift2MaaS will co-design and validate advanced use-cases for the deployment and implementation of COHESIVE solutions. The Shift2MaaS impact is validated and assessed in three European sites, all strongly engaged in the intermodality and MaaS domain, and setting specific actions on existing or new MaaS schemes. Shift2MaaS thus builds on and adds to previous projects by makes the connection to real environments. Shift2MaaS will also analyse regulatory and behavioural aspects of the IP4 multimodal transport services market place on business logics, on the creation of new business models and on the behavioural / demand response of passengers; contributing to an overall economic assessment.

**Fields of science**

> > >

**Programme(s)**

**Topic(s)**
Call for proposal
H2020-S2RJU-OC-2018

Funding Scheme
Shift2Rail-RIA - Research and Innovation action

Coordinator

UNION INTERNATIONALE DES TRANSPORTS PUBLICS
Address
Rue Sainte Marie 6
1080 Bruxelles
Belgium
Activity type
Other
EU contribution
€ 363 437,50

Website
Contact the organisation

Participants (12)

AETHON SYMVOULI MICHANIKI MONOPROSOPI IKE
Greece
EU contribution
€ 88 625,29
Address
Emmanouil Benaki 25
106 78 Athens
Activity type
Private for-profit entities
(excluding Higher or Secondary Education Establishments)

Contact the organisation

CEFRIEL SOCIETA CONSORTILE A RESPONSABILITA LIMITATA
Italy
EU contribution
€ 182 000
Address
Viale Sarca 226
20126 Milano
Activity type
Research Organisations

Contact the organisation
OLTIS GROUP AS
Czechia
EU contribution
€ 144,937.50
Address
Dr Milady Horakove 1200/27A
77900 Olomouc
Activity type
Private for-profit entities
(excluding Higher or Secondary Education Establishments)
Website
Contact the organisation

UNIVERSITY OF LEEDS
United Kingdom
EU contribution
€ 215,375
Address
Woodhouse Lane
LS2 9JT Leeds
Activity type
Higher or Secondary Education Establishments
Website
Contact the organisation

COMPANHIA CARRIS DE FERRO DE LISBOA, E.M., S.A.
Portugal
EU contribution
€ 88,625
Address
Rua 1 De Maio, 103
1300 472 Lisboa
Activity type
Private for-profit entities
(excluding Higher or Secondary Education Establishments)
Contact the organisation

EMPRESA MALAGUENA DE TRANSPORTES SOCIEDAD ANONIMA MUNICIPAL
Spain
EU contribution
€ 73,312.50
Address
Camino De San Rafael 97
29006 Malaga
Activity type
Other
<table>
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<th>Organisation</th>
<th>EU Contribution</th>
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<th>Activity Type</th>
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<td>EMELEMPRESA PUBLICA MUNICIPAL DE ESTACIONAMENTO DE LISBOA EEM</td>
<td>€ 50,423.75</td>
<td>Alameda Da Linhas De Torres 198/200 1750-150 Lisboa</td>
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<td>VIA VERDE PORTUGAL-GESTAO DE SISTEMAS ELECTRONICOS DE COBRANCA SA</td>
<td>€ 6,101.88</td>
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<td>AUSTRIATECH - GESELLSCHAFT DES BUNDES FUR TECHNOLOGIEPOLITISCHE MASSNAHMEN GMBH</td>
<td>Austria</td>
<td>€ 51 562,50</td>
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<td>FERTAGUS TRAVESSIA DO TEJO TRANSPORTES SA</td>
<td>Portugal</td>
<td>€ 62 900</td>
<td>Estacao Do Pragal Porta 23</td>
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**Last update:** 3 June 2021  
**Record number:** 221491  

**Permalink:** [https://cordis.europa.eu/project/id/826252](https://cordis.europa.eu/project/id/826252)