Open network of hyper connected logistics clusters towards Physical Internet

Fact Sheet

Project Information

**CLUSTERS 2.0**

Grant agreement ID: 723265

Closed project

**Start date**
1 May 2017

**End date**
31 July 2020

**Funded under**
H2020-EU.3.4.

**Overall budget**
€ 6,329,618.75

**EU contribution**
€ 5,998,743.75

**Coordinated by**
PTV PLANUNG TRANSPORT VERKEHR AG.
Germany

Objective

“If we want to reach the EU objective on modal shift for all transportation beyond 300 km and attract and strengthen competitiveness of local industries at the same time, we need to drive the development of a network of hyper connected logistics multimodal clusters and their influence areas”. Clusters 2.0 Consortium Clusters 2.0. vision is to leverage the full potential of European Logistics Clusters for an efficient and fully integrated transport system in Europe making optimal use of an Open Network of Logistics Clusters and hubs starting with. Zaragoza (PLAZA), Duisburg (Duisport), Lille (Dourges), Bologna-Trieste (Interporto/port of Trieste), Brussels (BruCargo), London (Heathrow), Pireaus (PCT), Trelleborg (Port), while keeping neutral the environmental and local impacts such as congestion, noise, land...
Cluster 2.0 objectives and areas of intervention are:
Increase the engagement, performance and coordination of terminals and hubs at cluster level targeting: i) increase by 50% the freight managed in the cluster with current infrastructure, ii) double the value added activities and iii) increase economic impact in local economies by 5% yearly while keeping neutral local environmental impacts. Build a hyper connected network of logistics hubs and clusters targeting: i) increase average door-to-door vehicle load factor up to 75%, ii) increase intermodal transport in the network by 40%. Develop low cost, low capital and investment intensive transhipment enhanced solutions to reduce operational costs of transhipment by 30%. Develop prototypes of New Modular Load Units as enhancers of the above objectives. Develop terminal management systems to increase management capacity of the terminals by 20% and reduce associated congestion by 10%. Establish and run 5 Living Labs (LLs) to test, improve and validate proposed solutions as well as to and Develop Business Models and Robust Business Plans for Clusters 2.0 solutions.

Fields of science

Programme(s)

Topic(s)

Call for proposal

H2020-MG-2016-Two-Stages

Funding Scheme

Coordinator

PTV PLANUNG TRANSPORT VERKEHR AG.

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<th>Address</th>
<th>Activity type</th>
<th>EU contribution</th>
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<td>Haid Und Neu Strasse 15 76131 Karlsruhe Germany</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
<td>€ 529 564</td>
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# Participants (29)

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<td>ENIDE SOLUTIONS .S.L</td>
<td>Spain</td>
<td>€ 235 625</td>
<td>Calle La Font, 27, 2Nd Floor 08740 Sant Andreu De La Barca</td>
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<td>MOSAIC FACTOR SL</td>
<td>Spain</td>
<td>€ 165 500</td>
<td>Calle Marina Num 60 Planta 4 Puerta 1 08005 Barcelona</td>
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<td>PROCTER &amp; GAMBLE SERVICES COMPANY NV</td>
<td>Belgium</td>
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<td>Temselaan 100 1853 Strombeek Bever</td>
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<td>CONSORZIO IB INNOVATION</td>
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FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
Germany
EU contribution
€ 247 380
Address
Hansastraße 27C
80686 Munchen
Activity type
Research Organisations
Website Contact the organisation

BLUEGREEN STRATEGY SRL
Italy
EU contribution
€ 198 125
Address
Via Isonzo 59/2
40033 Casalecchio Di Reno
Bo
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Website Contact the organisation

FIT CONSULTING SRL
Italy
EU contribution
€ 154 062,50
Address
Via Acciaresi Primo 8
00157 Roma
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Website Contact the organisation
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<td>Spain</td>
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<td>CHAMBRE DE COMMERCE ET D'INDUSTRIE ARTOIS</td>
<td>France</td>
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<td>8 Rue Du 29 Juillet 62000 Arras</td>
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<td>Greece</td>
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INNOVATRAIN AG
Switzerland
EU contribution
€ 0
Address
Bollwerk 15
CH-3011 Bern
Activity type
Private for-profit entities
(excluding Higher or Secondary Education Establishments)
Website Contact the organisation

VAN ECK BEESD BV
Netherlands
EU contribution
€ 61 498
Address
Oude Waag 24
4153 BV Beesd
Activity type
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TRELLEBORGS HAMN AB
Sweden
EU contribution
€ 96 250
Address
Vastra Kajen
23121 Trelleborg
Activity type
Private for-profit entities
(excluding Higher or Secondary Education Establishments)
Website Contact the organisation

ASSOCIATION POUR LA RECHERCHE ET LE DEVELOPPEMENT DES METHODES ET PROCESSUS INDUSTRIELS
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<td>AIR CARGO BELGIUM</td>
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<td>€ 213 750</td>
<td>Other</td>
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Contact the organisation [here](#)
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<td>WORLDWIDE FLIGHT SERVICES BELGIUM NV</td>
<td>Belgium</td>
<td>€ 51 875</td>
<td>Bedrijvenzone Machelen Cargo Bldg 706 Box 42 1830 Machelen</td>
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<td>J.A.M. DE RIJK BV</td>
<td>Netherlands</td>
<td>€ 308 936,50</td>
<td>Leemstraat 15 4705RT Roosendaal</td>
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<td>€ 91 250</td>
<td>Via Karl Ludwig Von Bruck 3</td>
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EQUIMODAL SL
Spain
EU contribution € 130 000
Address Poligono De Malpica, Calle E, Nr. 12 50016 Zaragoza
Activity type Private for-profit entities (excluding Higher or Secondary Education Establishments)

CITYDEPOT
Belgium
EU contribution € 106 250
Address Scheepvaartkaai 5B 3500 Hasselt
Activity type Private for-profit entities (excluding Higher or Secondary Education Establishments)

ARGUSI BV
Netherlands
EU contribution € 302 500
Address Ceresstraat 15 G 4811 CA Breda
Activity type Private for-profit entities (excluding Higher or Secondary Education Establishments)
Website Contact the organisation

UNION INTERNATIONALE DES CHEMINS DE FER
France
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75015 Paris
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DUISPORT AGENCY GMBH
Germany
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€ 55 689
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UNIVERSITEIT ANTWERPEN
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EU contribution
€ 99 062,50
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2000 Antwerpen
Website
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VAN ECK TRAILERS BV
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EU contribution
€ 304 750
Address
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4153 BV Beesd
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