



BOOSTLOG PROJECT

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The BOOSTLOG project consortium consists of:

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2	STICHTING SMART FREIGHT CENTRE (SFC)	NL
3	FUNDACION ZARAGOZA LOGISTICS CENTER (ZLC)	ES
4	STICHTING TKI LOGISTIEK (TKI Dinalog)	NL
5	HACON INGENIEURGESELLSCHAFT MBH (HACON)	BE
6	INSTITUTE OF COMMUNICATION AND COMPUTER SYSTEMS (ICCS)	GR
7	Vlaams Instituut voor de Logistiek VZW (VIL)	BE
8	FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. (Fraunhofer)	GE
9	FIT Consulting SRL (FIT)	IT
10	FUNDACION DE LA COMUNIDAD VALENCIANA PARA LA INVESTIGACION, PROMOCION Y ESTUDIOS COMERCIALES DE VALENCIAPORT (VPF)	ES
11	TECHNISCHE UNIVERSITEIT DELFT (TU Delft)	NL
12	EUROPEAN ROAD TRANSPORT TELEMATICSIMPLEMENTATION COORDINATION ORGANISATION - INTELLIGENT TRANSPORT SYSTEMS & SERVICES EUROPE (ERTICO ITS EUR)	BE
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EXECUTIVE SUMMARY

BOOSTLOG (*Boosting impact generation from research and innovation on integrated freight transport and Logistics system*) project Vision is transforming European freight transport and logistics R&I ecosystem to perform optimally boosting impact generation out of R&I investment contributing to i) EU policy objectives towards climate neutrality, pollution, congestion and noise reduction, free movement of goods, internal security, digital transformation of logistics chains and data sharing logistics ecosystems and ii) companies sustainability and competitiveness generating value for society.

This BOOSTLOG deliverable “D3.3 Innovation marketplace” describes the Innovation Marketplace, accessible through the Knowledge Platform link: <https://knowledgeplatform.etp-logistics.eu/course/view.php?id=259>.

Currently the knowledge platform gathers 1166 users with 62 users accessing in the last month, 180 in the last three months and 420 during last year. It gathers information from 55 R&I projects, 30 Companies and 39 funding opportunities related to the scope of BOOSTLOG.

A new section has been developed and adapted to host relevant R&I Project results, Outcome, Implementation Cases and Logistics Clouds results following the valorisation guidelines¹. The Innovation Market place will be feed with the results gathered through BOOSTLOG project and through ALICE programme of liaison with R&I projects.

Matchmaking capabilities and other required functionalities and processes have been developed to create a full Innovation Marketplace. Complementary to the digital repository and following the valorisation strategy, offline activities will be implemented to achieve the expected impact (i.e. support the evolution and market uptake of R&I results into the market).

1 ALICE Knowledge Platform developments

The SENSE project developed an online Knowledge Platform (<https://knowledgeplatform.etp-logistics.eu/>) on the Physical Internet that is accessible via ALICE webpage (<https://www.etp-logistics.eu/knowledge-platform/>). The knowledge platform is maintained by ALICE.

At the **end of the Project SENSE** the Knowledge Platform gathered **720 users**, information on **33 R&I projects**, **30 Companies** and **18 funding** opportunities

Currently the knowledge platform gathers **1166 users** with 62 users accessing in the last month, 180 in the last three months and 420 during last year. It gathers information from **55 R&I projects**, **30 Companies** and **39 funding** opportunities related to the scope of BOOSTLOG.

These complementary contents and well-established community will be a lever for the Innovation Marketplace.

¹ BOOSTLOG project Deliverable [D3.1 Valorization Strategy Guidelines v1](#)



2 Introduction to the Innovation Marketplace

The BOOSTLOG project has developed an online Innovation Marketplace (<https://knowledgeplatform.etp-logistics.eu/course/view.php?id=259>) as a group of the Knowledge Platform (<https://knowledgeplatform.etp-logistics.eu/>), accessible via ALICE webpage (<https://www.etp-logistics.eu/knowledge-platform/>).

The objective is to connect Innovations Seekers and Solution Owners, also to make R&I results, developed technologies and solutions, easy to find.

The Innovation Marketplace (Figure 1) is exclusively oriented to industry and has six different parts: fora, BOOSTLOG, Implementation cases, Outcomes/solutions, Challenges/solution requests and Logistics cloud reports. Additionally, there are different functionalities and tools to support uses accessing the most relevant contents for them: the search bar, the tags section, the users roles and the notifications.

These parts and functionalities are described in detail in section 3.

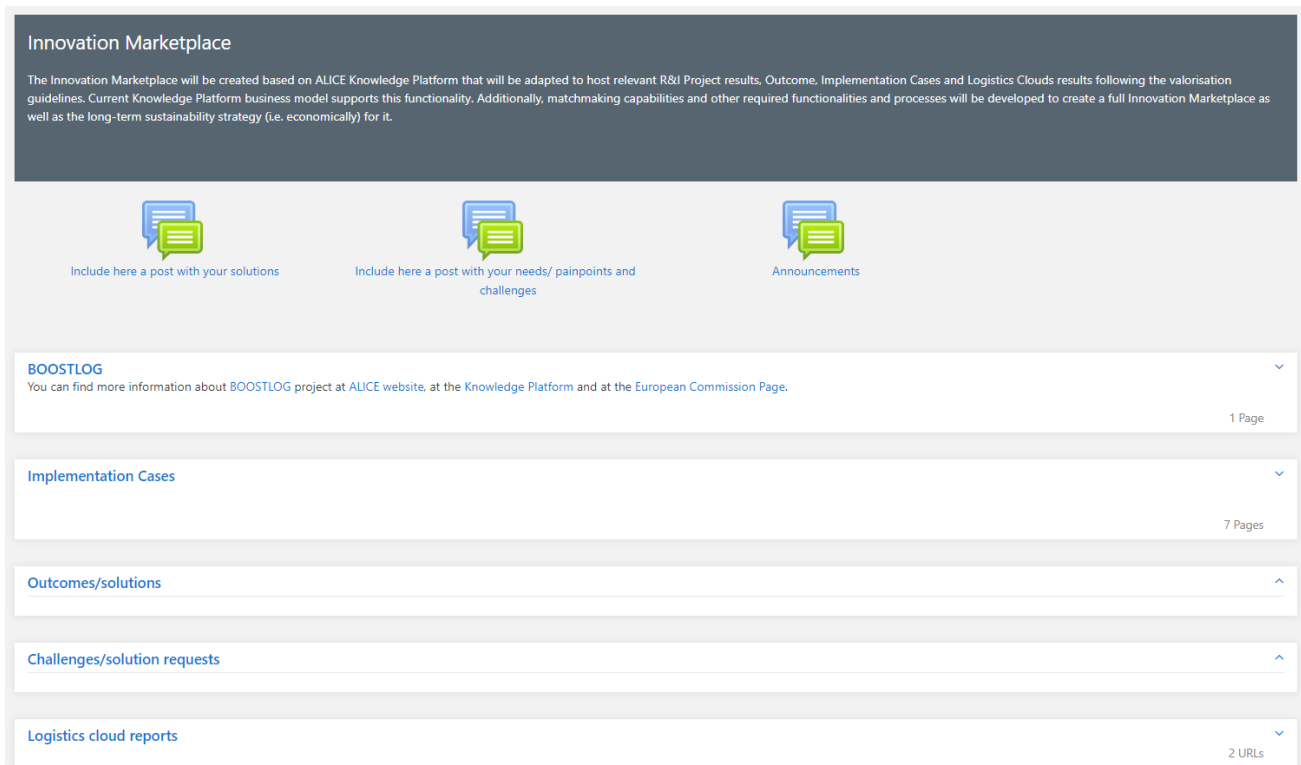


Figure 1. Innovation Marketplace structure

The Innovation Marketplace has a direct access from the Knowledge Platform page (see Figure 2).



ALICE Knowledge Platform gathers extensive resources on innovation in the logistics sector.

It provides visibility to main deliverables, outcomes and implementation cases of EU funded R&I projects. It also includes contact details of project partners and experts working in those projects;

The Knowledge Platform provides information on funding opportunities, innovative companies, and a library with relevant papers and reports such as the resources from the [International Physical Internet Conference](#).

An Innovation Marketplace is in development to link innovation seekers willing to solve a problem and R&I projects outcomes owners that can provide a solution, or with experts who can unpack the problem and develop solutions.



Projects	Companies	Funding	Marketplace	Library	Learn more
<p>In this section you find projects:</p> <ul style="list-style-type: none"> Relevant for ALICE roadmaps implementation. Liaised with ALICE. Results, outcomes and experts working in those projects. 	<p>In this section you find companies:</p> <ul style="list-style-type: none"> Willing to share their solutions with ALICE network. Owning R&I implementation cases identified in BOOSTLOG project Linked to Physical Internet. 	<p>In this section you find funding opportunities:</p> <ul style="list-style-type: none"> From Horizon Europe and other EU programmes Supporting ALICE roadmaps implementation. Companies and experts looking for partners. 	<p>Launched in June 2022. In this section:</p> <ul style="list-style-type: none"> Innovation seekers can share challenges and pain points. R&I project outcomes owners (TRL>7) get exposure of their outcomes. 	<p>In this section you find papers, videos and presentations:</p> <ul style="list-style-type: none"> Generated in the International Physical Internet Conference Shared by academic organizations. 	<p>In this section you find:</p> <ul style="list-style-type: none"> Videos and documents to explain how the Knowledge Platform works. FAQ section. Q&A on the Knowledge Platform

Figure 2. New Knowledge Platform webpage

3 How the Innovation Marketplace works?

3.1 Main characteristics and sections of the Innovation Marketplace

The Innovation Marketplace incorporates concrete contents and features that are easy to find and easy to use. It includes functionalities to allow the contact between Innovation Seekers and Solution Owners. To do this we have defined the following characteristics:

- Fora.** It includes two forums; one forum is devoted to **Solution Owners** where they can include posts with their solutions as an entry point to the Innovation Marketplace. The solutions incorporated in the forum will be assessed by BOOSTLOG and then further elaborated to be included as one of the Innovation Marketplace solutions. Another forum is devoted to **Innovation Seekers** where they can include posts with needs/pain points and challenges. Additionally, BOOSTLOG may use these forums



to post solutions gathered and ask for feedback of the Innovation Marketplace users or to post challenges or pain points identified.

- **BOOSTLOG.** In this page, the project and aim of the Innovation Marketplace is described briefly including links to the Knowledge Platform BOOSTLOG page and to the European Commission BOOSTLOG project Page.
- **Implementation Cases.** In this section the Implementation Cases gathered through the BOOSTLOG cloud reports are shared, a short description of each Implementation Case is included in the main page of the group, then clicking on its name takes you to the full content and description of it. Within the description, the R&I projects pages that generated the results can be accessed as well as the pages of the companies that are exploiting the implementation case. Additionally, the Implementation Case owners part of the Knowledge Platform are linked so users and guest can directly connect to the Implementation case owner (see Figure 3).

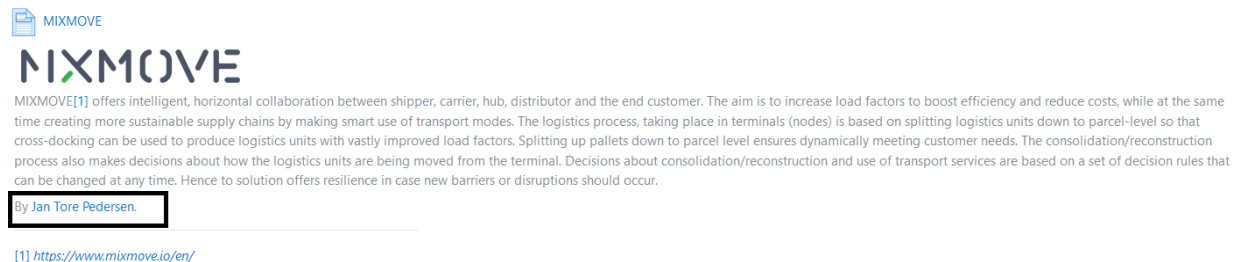


Figure 3. Implementation case example

- **Outcomes/solutions**
Outcomes and Solutions section works similarity as Implementation Cases in terms of how the information is managed and displayed. While Implementation Cases are already in the market, the solutions are yet not in the market, still they must be TRL +7/8. The description of the solutions template is available in the Annex I and is based on the Horizon Results pages. It includes main elements that are useful for Innovation Seekers or potential partners to connect to further develop the solutions. ALICE is collecting this Outcomes/solutions from recently finished projects that have generated concrete results. The ambition is to support them and lever the ALICE innovation ecosystem to accelerate their adoption.
- **Challenges/solution requests**
Challenges and Solutions request will work as Implementation Cases in terms of how the information is managed and displayed. In this section, challenges will be posted and displayed so Innovation Owners or experts can answer to that request.
- **Logistics clouds section.**
In Logistics cloud report section, the cloud reports of the BOOSTLOG project are available.



BOOSTLOG – D2.2 Cloud report on Urban Logistics



Figure 4. Cloud report access from the Innovation Market Place

3.2 Main tools and functionalities

There are several tools and functionalities to support users to find the more relevant solutions, implementation cases or challenges.

- **Search bar**

The search bar can be used to search any existing information on the Knowledge Platform. The search can be restricted to the Innovation Marketplace (see Figure 5)

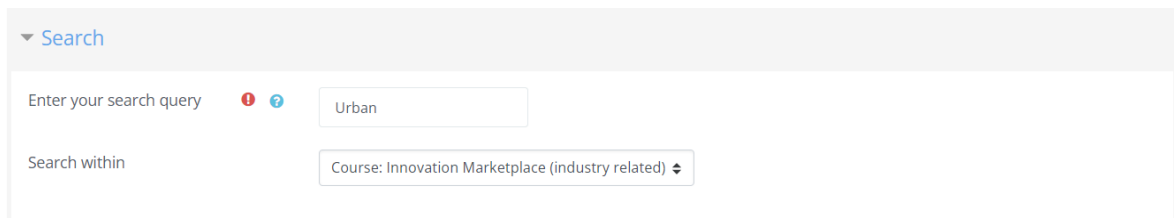


Figure 5. Search bar

- **Tags**

Any tag associated with any content uploaded to the Innovation Marketplace appears on the column in the side of the Innovation Marketplace page (see figure 6 and figure 7). Users can click on any of the tags and it will show the content associated and the tags related to it allowing to navigate.

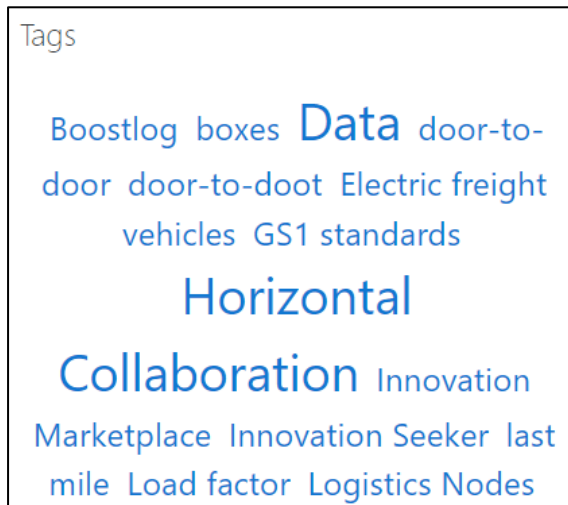


Figure 6. Tags

Horizontal Collaboration

[+ Add "Horizontal Collaboration" to my interests](#) [Flag as inappropriate](#) [Edit this tag](#)

Related tags: [Urban Logistics](#) [Supply Network Coordination and Collaboration](#) [Horizon Europe](#) [collaboration](#) [Artificial Intelligence](#) [Logistics Clusters](#) [shippers](#)

ACTIVITIES AND RESOURCES



-  **MIXMOVE**
Innovation Marketplace (industry oriented)
-  **TRI-VIZOR**
Innovation Marketplace (industry oriented)

Figure 7. Tag example

- **People/Companies roles.** The users in the Innovation Marketplace can have two main roles as solution owners or Innovation Seekers. These connects logged in users to those people. Users can click on their profiles, to access their emails, company, interests and the info uploaded to their accounts. Users can also request contacts or send messages over the platform.

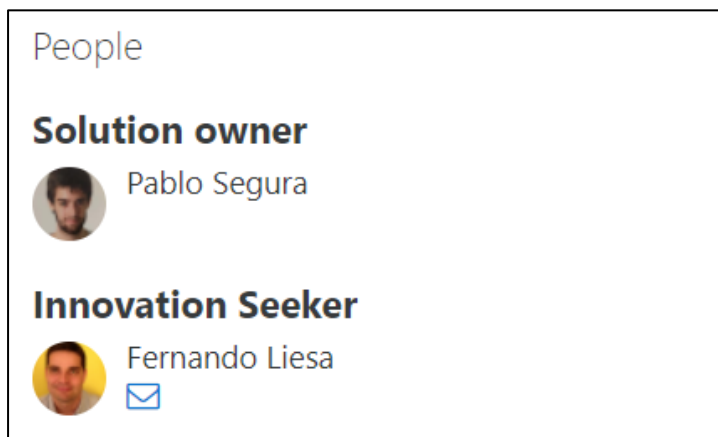


Figure 8. People



- **Notifications.** The Innovation Marketplace includes a newly developed notification system, so users registered as part of the Innovation Marketplace get weekly or monthly newsletters including the updates and changes in the Innovation Marketplace.

4 Conclusion

The current state of the Innovation Marketplace and the Knowledge Platform, allows to connect Innovation Seekers and Solution Owners and display Implementation Cases, Outcomes/solutions, Challenges/solution requests.

During the development of the project, suitable contents, innovation seekers and solution owners will be gathered and included as part of the Innovation Marketplace.

BOOSTLOG project will start disseminating and communicating contents through the partner networks. After the end of the project ALICE will maintain and continue using the Innovation Marketplace and further developing it to increase user experience if needed.

Offline activities as part of the valorisation strategy will serve to make use of the Innovation Marketplace and as a way to gather contents.



ANNEX 1. TEMPLATE TO GATHER R&I PROJECT RESULTS TRL7+

ALICE is launching the Logistics Innovation Market Place in the frame of the Horizon 2020 project [BOOSTLOG](#) with the aim to collect relevant EU funded R&I projects results (TRL7 or higher), support the result owners to showcase them to the logistics community and provide a marketplace for result owners to develop the results by finding partners, funding opportunities or specific organizations to support their solutions development and the way to market.

The Innovation Market Place will be part of the [ALICE Knowledge Platform](#)

Title of the R&I result or solution:

Result maturity/Current Technology Readiness Level:

Short description (and picture when relevant) (100 words):

R&I results specific keywords:

Pain points and challenge addressed (100 words max):

Unique Value Proposition (Which elements are unique/differential of your results) (100 words max):

Which type of organization are you aiming at as a user of the results/target audience? (See Annex 1 as reference, you may be even more specific)



What are you looking for at this stage to develop your R&I results? *(Include here for example: funding for further development, partners providing specific capabilities, functionalities, industrialization partner, etc. end users for testing and pilot, first customers see annex 2 for additional ideas)*

Which geographical coverage are you aiming at for the next steps? *(regional, country, country + neighbour countries, European, Global)*

References and further information: *(Include links to web pages, short presentation, detailed presentation, case studies, documents, deliverables and other links e.g. patents for further information on the R&I result, link to the Horizon Europe results page. You may also include the type of information available upon request (e.g. reference list of business partners, employers and/ or collaborators, List of current and prospective business partners (including suppliers), A list of IPR - patents (pending or granted) and academic papers, Complete and detailed business plan, Market study, List of current and prospective clients ("pipeline"), List of investors)*



Annex 1.1 Type of stakeholders

ROLE

Companies

Logistics Nodes (Ports, Airports, Hubs, Terminals)

Local and regional authorities, cities, European, country governments and agencies

SPECIFIC ROLE in Logistics and SC

Company

ICT tools, platforms & consultancy

Goods manufacturers, retailers or wholesalers

Intermodal and Combined Transport

Logistics Service Providers (3PLs-4PLs), freight forwarders, courier and postal operators

Maritime and Inland Waterways Transport

Packaging, material handling, transshipment, transport equipment and ICT tools

Vehicles and transport modes OEMs

Rail freight transport

Real State & Investors

Road Freight Transport Carriers

Logistics Nodes – terminals - warehousing

Airports

Intermodal Terminals

Logistics Hubs

Ports

Warehouses

SPECIFIC - Local or regional authorities, cities, European, country governments and agencies

European Commission / EU Agencies

Infrastructure Managers

Local authorities / Cities

Regional authorities



Annex 1.2 Options on what solutions are looking for²:

Category: ***Looking for help on the way to market***

Business partners - SMEs, Entrepreneurs, Large Corporations, Business plan development, Marketing Mentoring or Coaching, Executive Training, Technology Transfer Expertise, Investor readiness training, Financing Expertise, I/we wish to transfer my/our IPR to an interested party, expanding to more markets /finding new customers, Legal / IPR advise, Investor introductions, Incubators / Accelerators

Category: ***Looking for funding, loans, or investments***

Grants and Subsidies, Crowd-funding Equity, Other type of Investment, Loans, Business Angels, Loan guarantees, Venture Capital, Other blended financing

² Source: <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/horizon-results-platform>