



Document elaborated with the support of the BOOSTLOG project has received funding from *the European
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BOOSTLOG PROJECT

DELIVERABLE REPORT

BOOSTLOG – D2.3

M 10 – 31 Oct 2021

31 March 2022

**Barrier assessment and positive framework
conditions**

WP2

ALICE

ZLC, FIT, TUD

Final

<https://www.etp-logistics.eu/boostlog/>

Disclaimer



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Document History:



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Contents

EXECUTIVE SUMMARY

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Key barriers	Proposed actions to enable positive framework	Stakeholders concerned
Engagement of stakeholders for topic identification and work programme forming is often limited to a small group who are familiar with EU funding but lack of knowledge, skills and ambitions in implementation	Engaging industry partners who are users of innovation from the very beginning of a work programme, e.g. identifying topics	EC; Project practitioners; Companies
Proposal evaluation does not consider implementation possibility;	Requiring business plan in proposal	EC
	Knowledge transferring and developing guidelines for business plan	Project practitioners; Associations
	Exploitation potential should be an important part of evaluation of proposal	EC & Evaluators appointed
Consortium consists of only researchers, project managers and developers; consortium may not	Team members of a proposal should include skills and knowledge in legal and business issues aiming for exploitation	Project practitioners;



have users/customers of innovation	Best practice sharing and capacity building among similar types of stakeholders	Project practitioners; Associations
Logistics innovation implementation often requires competitors working together	Encouraging competitors to be in the same proposal	Project practitioners (particularly companies)
	Demonstrating successful experiences to industry stakeholders	Associations

Key barriers	Proposed actions to enable positive framework	Stakeholders concerned
Dissemination activities failed to reach out high-level decision makers in industry and policy making	Engage with high-level industry leaders in the logistics sector, and policy makers for public policy making at dissemination event to raise awareness	Project practitioners (particularly companies or public authorities)
Consortium and funding organisation do not evaluate progress towards implementation during project duration	Evaluate potential impacts and potential implementation throughout the project duration	EC & reviewers appointed

Key barriers	Proposed actions to enable positive framework	Stakeholders concerned
Inadequate evaluation of usage of project outcomes and expected impacts;	Post-project audits to evaluate the expected impacts of projects, creating a learning mechanism in order to strengthen the current approaches to steer towards impact in industry practice;	EC
Project outcomes are not ready for commercial market and further development is needed; lack of funding or financial support to bridge efforts needed to transfer project outcomes to market ready solutions, while this lack of	An innovation fund to support the implementation of publicly funded R&I projects, to help the logistics sector to exploit project outcomes	EC; Associations



funding for the sector has not been a focus of policy making		
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Key barriers	Proposed actions to enable positive framework	Stakeholders concerned
Lack of knowledge, skills and ambitions in implementing project outcomes from project practitioners;	Best practice sharing and capacity building among similar types of stakeholders	EC
	Knowledge gained from R&I projects should be included in professional trainings and curricula of higher education	EC; Associations
	Developing guidelines specifically for transferability or scale-up	EC; Associations
Lack of trust among competitors to foster partnership	Consortium with competitors working together should be encouraged	Project practitioners (particularly companies)
	Demonstrating good practices to raise awareness of benefits of such cooperation	

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1 Introduction



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2 Methodology, information gathering and analysis

2.1 Inputs collected from Cloud Report



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Figure 1.



Figure 2.



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2.2 Inputs collected from BOOSTLOG Events



2.3 Lifecycle analysis of EU funded R&I projects for barrier identification



Figure 3.



Step	Key questions	Action for different stakeholders	
		Funding provider/ policy makers	Partitioners who are interested in EU R&I projects
Topic identified	<i>Does the topic of the work program match priorities of industry and society? How to define R&I priorities?</i>	Ensure that appropriate stakeholders have been consulted.	Provide inputs and advocate for topics that are important
Topic selected for Work Programme	Does the identified topic address priorities (policy and industry needs)?	Ensure that the identified topics will address priorities (policy and industry needs)	
Call for proposal published	<i>Is appropriate call for proposal published?</i>	Ensure that the call proposal has included requirements leading to implementation and impact delivery	
Proposal submitted	<i>Is appropriate proposal developed?</i>		Form a consortium including the stakeholders needed for implementation; Develop the proposal with ambitious and an appropriate exploitation plan
Proposal selected	<i>Is appropriate proposal selected?</i>	Evaluate proposals that will lead to implementation, e.g. if the consortium members have the capability and ambition to implement, if the exploitation plan is executable, etc.	



Step	Key questions	Action for different stakeholders		
		Funding provider/ policy makers/ reviewers	Project consortium members	Other practitioners outside the consortium
Dissemination and exploitation during project	<i>Are the project dissemination effective for implementation?</i>	Select reviewers who have experiences in implementation Evaluate the project dissemination based on potential implementation	Design and carry out a dissemination plan to engage potential partners for future implementation	Follow the project development to consider any outcomes that can be implemented Provide feedback when needed Form partnership with project consortium
	<i>Are the project exploitation plan ready for implementation?</i>	Evaluate if the project exploitation activities can advance implementation	Initiate implementation activities during the project duration	

Step	Key questions	Action for different stakeholders		
		Funding provider/ policy makers	Project consortium members	Other practitioners outside the consortium
Implementation after project	<i>Has any outcome of the project been implemented?</i>	Monitor and evaluate if any project outcome is being implemented Support implementation whenever needed	Continue efforts to bring project outcomes to market Advocate for enabling policy framework for implementation	Analyse and evaluate if project outcomes can address societal challenges or industry' pain-points as: Do these outcomes meet a market need?



				(economic-driven) Can implementation deliver positive societal benefit?
Expected impacts delivered	<i>Has expected impact been delivered?</i>	Monitor and evaluate impact delivery Disseminate successful experiences Influence future funding (topics and proposal selection)	Evaluate benefits of participating in the project to the organisation Summarise lessons learnt to decide what kind of proposal to participate in the future	Evaluate possibilities of participation in future proposals and projects.

3 Barriers occurring before project and corresponding positive framework conditions

3.1 Identifying topics, forming work programmes for boosting implementation and enhance impacts



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3.2 Designing call for proposals and selecting right proposals for higher impacts



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3.3 Developing proposals aiming for implementation and higher impacts

4 Barriers occurring during project and corresponding positive framework conditions



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5 Barriers occurring post project and corresponding positive condition frameworks

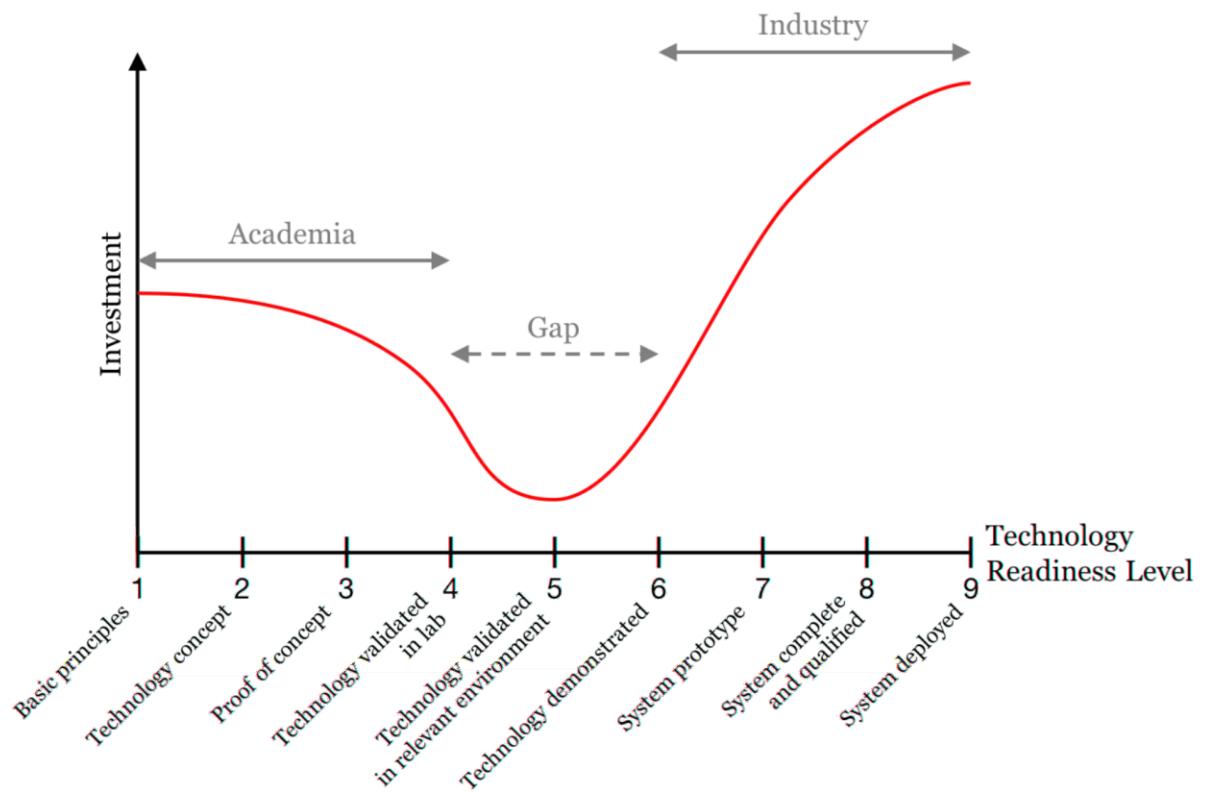


Figure 4.

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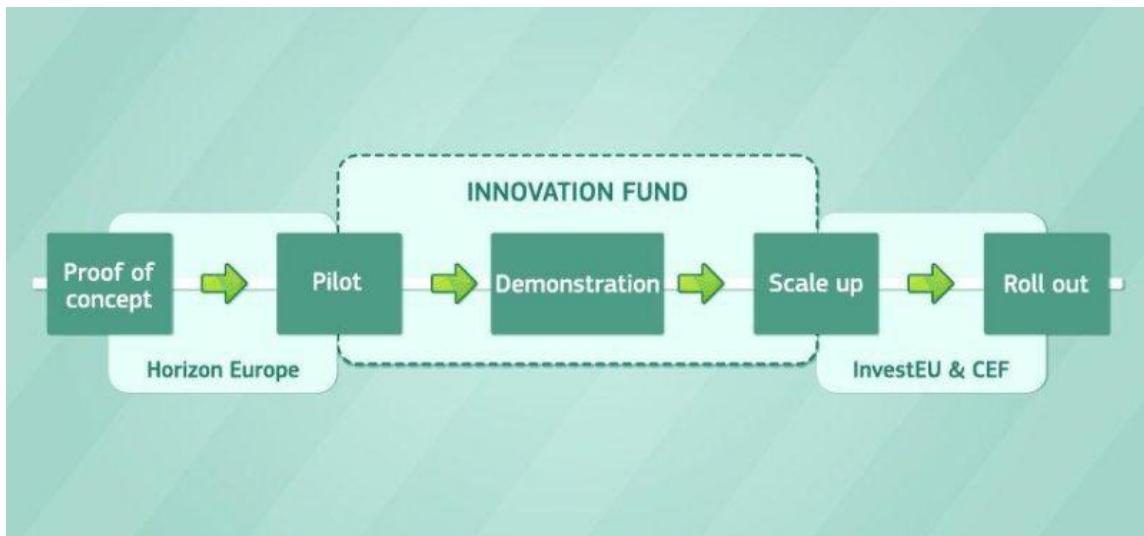


Figure 5.



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6 Consider the entire lifecycle of a R&I project



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7 Summary, conclusions and the way forward

- **Barrier**
 - **Propose**
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- **Barrier**

➤ **Propose**

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- **Barrier**

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Annex: Methodology of Developing BOOSTLOG Cloud Report

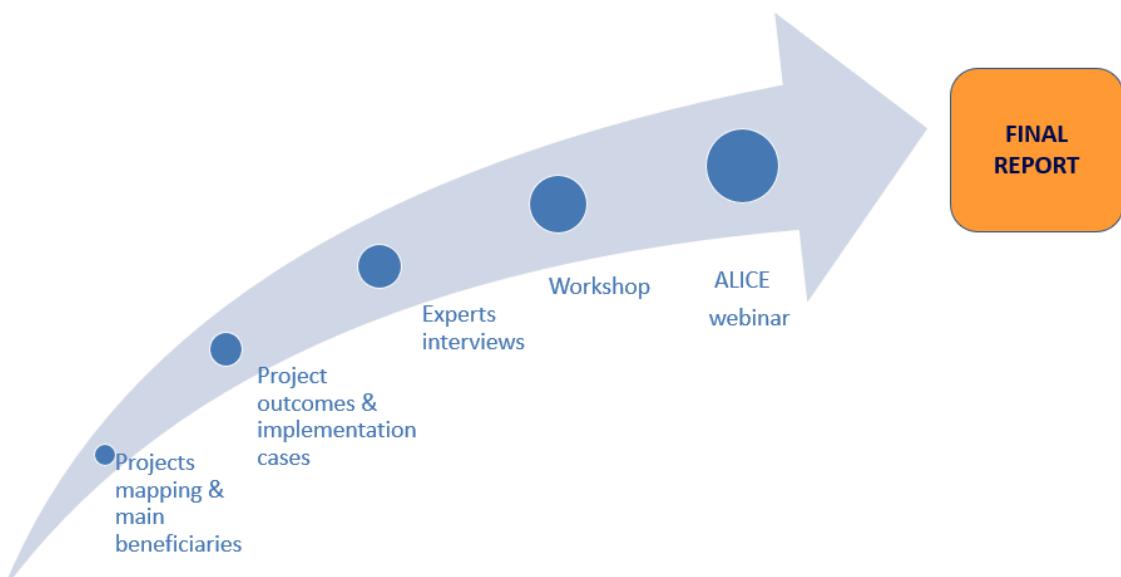


Figure 6.