BOOSTLOG Launch Event

Identification and prioritization of R&I gaps
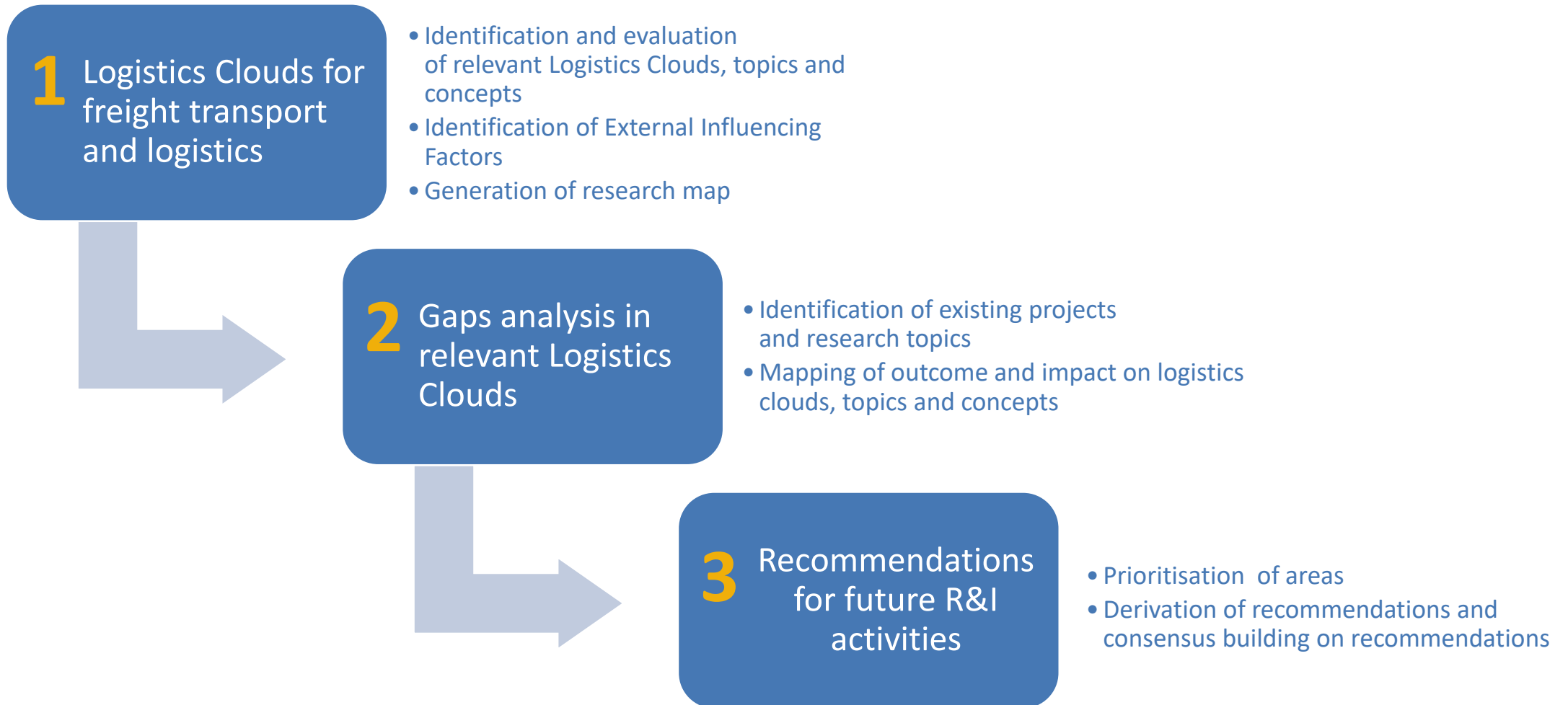
26.03.2021

Identification and prioritization of R&I gaps

"Define high potential contribution to EU policy objectives that need to be prioritized in future R&I actions"

- Develop a holistic framework for identification, assessment and consensus building around priority R&I gaps

- Collect input und feedback from project partners, ALICE members and external stakeholders
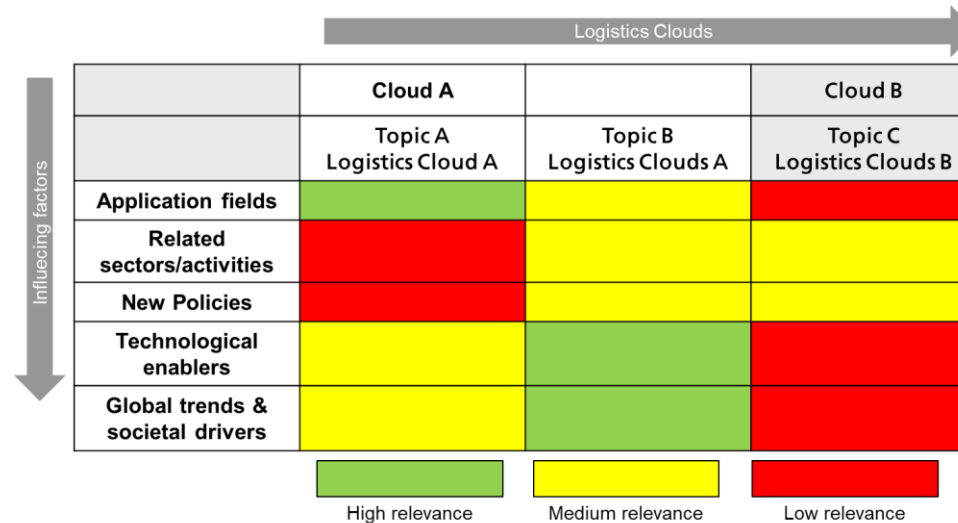
Identification and prioritization of R&I gaps

1 Logistics Clouds for freight transport and logistics

- Identification and evaluation of relevant Logistics Clouds, topics and concepts
- Identification of External Influencing Factors
- Generation of research map

2 Gaps analysis in relevant Logistics Clouds

- Identification of existing projects and research topics
- Mapping of outcome and impact on logistics clouds, topics and concepts

3 Recommendations for future R&I activities

- Prioritisation of areas
- Derivation of recommendations and consensus building on recommendations

Logistics concepts and ext. influencing factors

1 Logistics Clouds for freight transport and logistics

- Identification of relevant Logistics Clouds, topics and concepts
  - ➤ Based on literature, ALICE working groups and outcome of various projects
- Evaluation of relevant Logistics Clouds, topics and concepts
  - ➤ This will be part of today!
- Identification of External Influencing Factors
  - Key enabling technologies (like AI, blockchain), Economic & market drivers and societal trends (like individualisation, urbanisation) and EU Policy Objectives
  - ➤ Based on literature, ALICE working groups and outcome of various projects

Finding correlations between topics and external factors:

- How do current and future trends strengthen specific logistics concepts?

- Which technologies enable the implementation of logistics concepts?

- Which logistics concepts could help to fulfil market / societal needs?

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Logistics Innovation
through Collaboration
in Europe

Example

- Correlation between societal trend and logistics concept
  - Sustainable society <-> More efficient transport needs better consolidation and bundling of goods

- Correlation between key enabling technology and logistics concept
  - Data sharing protocols <-> Consolidation/bundling of goods

The drive to a more sustainable society will require that within the logistics sector further consolidation/bundling of goods will be achieved. The development of Data sharing protocols will enable the development of such promising concepts on a larger scale than so far has been realised.

Today we will look at the logistics topics and concepts

➢Please rate out of the shown topics the most important ones

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As a next step, we will ask for your input to find these correlations between logistics concepts and external influencing factors

➢This will be done via online survey