

Understanding: Ideation Topics, Working Groups and Projects

The Ideation Topics

In workshops, experts from our Innovation Community jointly develop topics regarding open source solutions they want to work on next.

- A multi-stage process through open ideation and idea generation
- Unbiased moderation of contributions and proposals made, discussions, clustering and prioritising of ideas



The Working Groups

Address certain topics found to be of high relevance for the logistics industry, from the proposed Ideation Topics.

- We have organisational, legal and technical topics within each Working Group
- Participation in Working Groups is limited to members of the Foundation's Support Association
- Working Groups can host several projects on one overarching topic

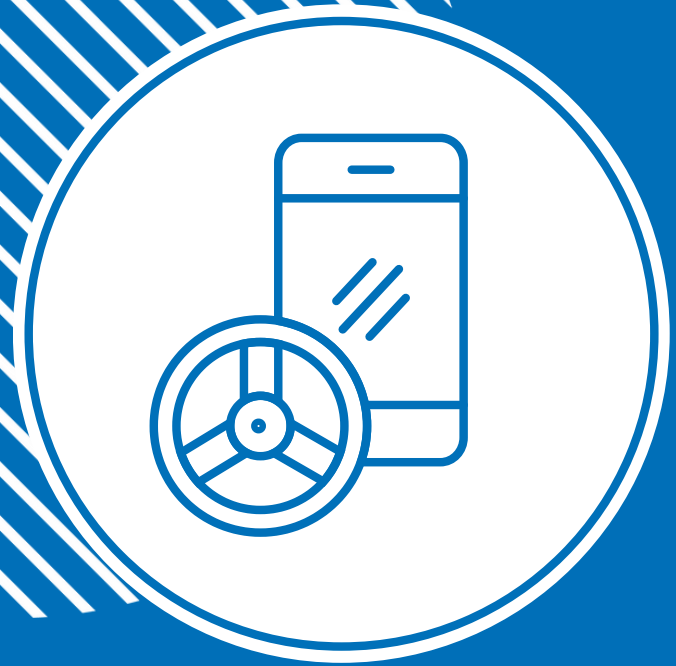


The Projects

Jointly develop initial Working Group ideas into promising open source solutions.

- Development, testing and documenting of open source software and components
- Collaboration of software developers from different companies
- High organisational transparency and clear assignment of roles





Ideation Topic: Driver App

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1

Basic information

- Joint implementation of a white-label driver application focused on the spot market. White label driver app should run in parallel to existing company-individual apps
- Common approach for a standardised solution

2

Workshop results

- We agreed on the scope of the key app features. They were reduced to the essential functions and made more precise.
- The key functionalities can be divided in two groups of information:
 1. Basic information from the driver
 - Position or geolocation
 - Arrival times
 - Proof of delivery (POD) and confirmation about the acceptance or nonacceptance of the delivery
 - Status transmission (where at least some common definitions of statuses are needed)
 2. Basic information towards the driver
 - Submittance of (transport) orders including all needed parameters like sender, recipient, time window
 - Order changes during the process

3

Open questions

- Which type of implementation is the best in terms of acceptance: App, website or messenger solution?

4

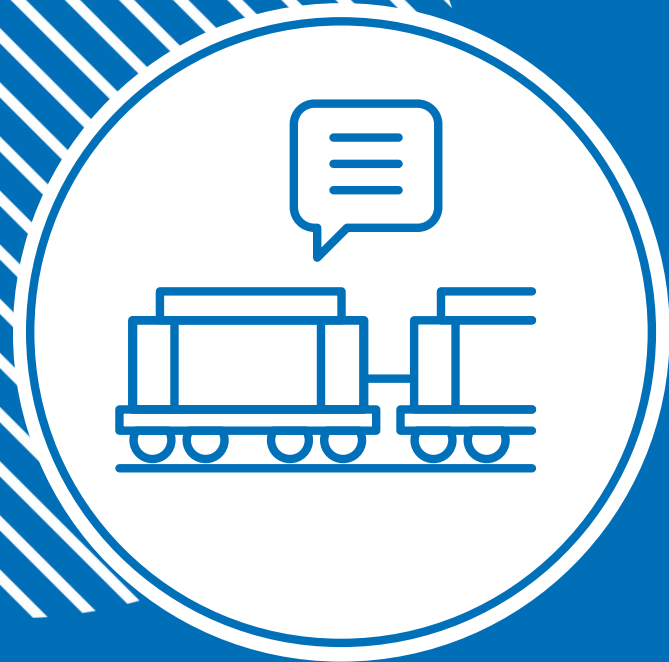
Challenges

- Attract the drivers to use our solution
- Manage to become the "one" solution that succeeds against the many existing individual solutions

5

Next steps

- There are two proof of concepts of the progressive web app idea that will now be compared
- Both solutions work on different devices and provide the functionality defined in the previous workshops
- Find a leading company to drive further activities



Ideation Topic: Train & Wagon

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1

Basic information

- Common data model for the exchange of multimodal freight transport information
- Focus on all train and wagon related information

2

Workshop results

- Three main areas could be identified:
 1. "Common data models"
 - uniform information on train path allocation
 - loading lists
 - loading units
 - sequences
 2. "Uniform Event Standards"
 - supply chain events
 - events from automatic or automated systems such as OCR
 3. "Commodity services"
 - linking customs-relevant information directly to loading lists
- The interface and service to the customer continues to be seen as a competitive factor and must be implemented individually by the companies.

3

Open questions

- Who (which company) will take the lead on the topic?

4

Challenges

- The research projects "Rail Freight Data Hub", "DIANA", "Silicon Economy: SWIn" together with "DIN SPEC 91073" have been identified as relevant. One of the challenges will be to find a way to link our project with them.

5

Next steps

- In the Common Data Models theme cluster, relevant preliminary work has already been identified. This work can be used as a starting point for common descriptions
- Get in touch with Railnet Europe



Ideation Topic: Emissions Reporting

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1

Basic information

- Developing a standardised data framework for the seamless exchange of emissions-related transport data across the supply chain.

2

Workshop results

- Standardised emissions reporting:
 - Reporting emissions according to ISO 14083/GLEC
 - Discussion on the process of communicating standardised emissions data along the supply chain
- Data summarisation and sharing:
 - Exploring methods for aggregating emissions data across the supply chain
 - Explore the differences by focusing on data transfer between LSPs and customers versus between LSPs and carriers, and consider whether and how these interfaces should be differentiated
- Depth of transparency:
 - Consideration of the depth of transparency of emissions data
 - Identify what data should and should not be shared, particularly considering business-critical information

3

Open questions

- How can emissions data be summarised and shared with those involved in the supply chain?

4

Challenges

- Agree on a solution to enable standardised exchange of emissions data in the future

5

Next steps

- Coordination with SFC on ongoing activities around GLEC/ISO
- Definition of concrete use cases and commodity services in differentiation from ongoing activities