



Rail (Freight) Locations Portal

Railfreightlocations.eu



EC Contract MOVE/C3/2017-198

Status: April 2018

Project goals

Further develop pilot information portal on rail freight access points (railfreightlocations.eu), specifically

- Create an EU-wide user-friendly database/portal on rail service facilities which is accepted and used by the sector ("Tool of choice");
- Combine market requirements with information obligations according Implementing Regulation (EU) 2017/2177 of 22 November 2017 on access to service facilities and rail-related services (consider development of a sector service facility template;
- Ensure initial data feeding of the portal to ensure a “critical mass”;
- Prepare all conditions (technical portal status, governance structure, business model) for a self-sustainable operation of the portal after the project.

Project consortium



Traffic • Software • Service

LEAD Partner

Software & consulting company



**German association for the research and
promotion of intermodal transport**



INTERNATIONAL UNION
OF RAILWAYS

**... the worldwide organisation for the
promotion of rail transport**



International Rail Freight Business Association



Software & consulting company



**...the European association for road-rail
combined transport**

BACKGROUND: Motivation from EU market and legislation perspective

NEEDS OF THE LIBERALISED RAIL FREIGHT MARKET STAKEHOLDERS

Rail Freight Corridor Regulation (913/2010)
Corridor Information Document (CID)

Single European Railway Area Directive (2012/34)
+ Implementing Regulation (2017/2177)

**INFORMATION
CONCERNING THE SERVICE
FACILITIES ESSENTIAL TO
OPERATING RAIL FREIGHT**

BACKGROUND: Applicable EU law

Directive 2012/34: obliges Infrastructure Managers and Service Facility Managers to

- publish information concerning the capabilities of their facilities,
- the conditions of access,
- any temporary capacity restrictions,
- available capacity,
- new services and
- unused capacities/facilities (available for lease).

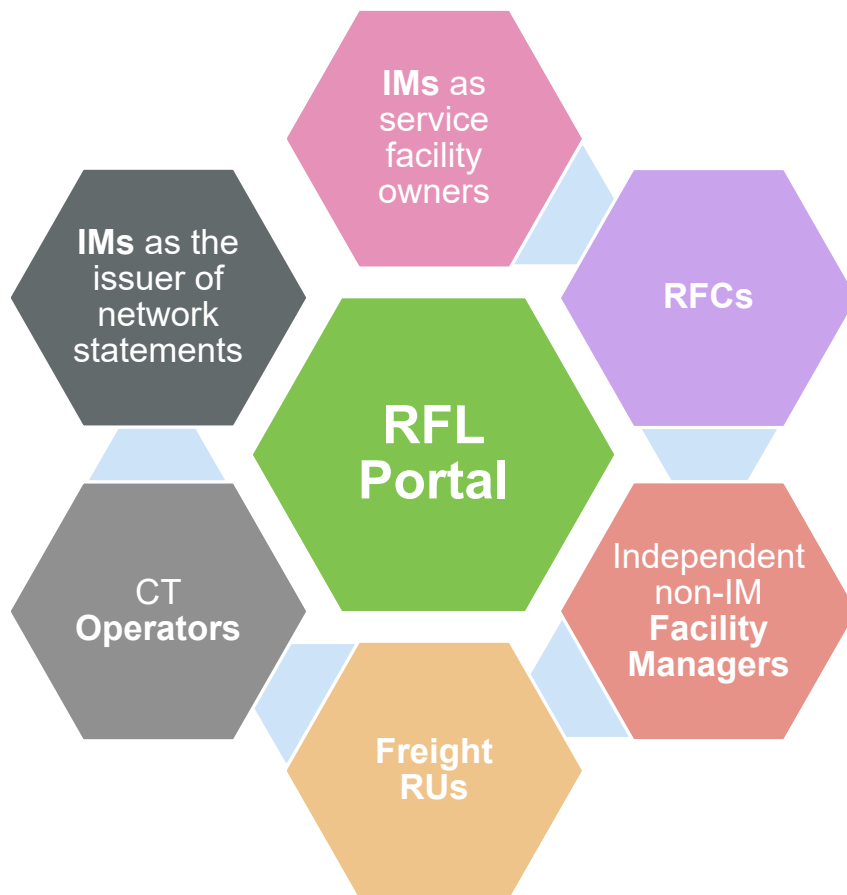
+ Implementing Regulation 2017/2177
on access to service facilities and use of
rail-related services

Regulation 913/2010: obliges (Rail Freight) Corridor Management Entities to

- compile and make available information – including available capacities – on freight terminals and junctions through the Corridor Information Document
- In addition the information is published in the Customer Information Platform (CIP) for 6 RFCs (In more RFC is doing the rollout in 2018)

Source: UIRR

BACKGROUND: Stakeholders of a common information portal



Numerous potential stakeholders

- To feed the portal (“data providers”): present their facilities and services & fulfil obligations according Implementing Regulation
- To gather information (“data users”) for better and more efficient transport planning

Motivation and goals of previous EU study

Insufficient information on European rail freight transshipment facilities / last-mile infrastructure!!!

EU Study MOVE/B2/827-2013
01/2015-03/2016

Resolving difficulties to access information on last mile infrastructure for rail freight

Development and programming of a EU-wide web-based information portal with GIS functionalities
(Demonstrator)

Railfreightlocations.eu

Recommendations to manage the portal on permanent basis

Pilot Portal Railfreightlocations.eu (Basis)

The screenshot displays the Railfreightlocations.eu portal. On the left, there is a sidebar with search filters for Facility Type, Area Type, Mode, Rail Freight Corridor, Loading Unit, Cargo Type, and Service. The main area shows a map of Europe with various facility locations marked by colored circles and icons. On the right, a 'FACILITY PREVIEW' panel shows a list of facilities with details such as Name, Operator, and Address. Below the list, there is a 'LEGEND' section with facility type symbols and area type symbols.

4 Facility Types:

- Intermodal Terminal
- Railports / Rail logistics centre
- Stations with public sidings
- Private siding

Pilot Portal Railfreightlocations.eu (Basis)

DUSS-Terminal München-Riem

BASIC DATA

INFRASTRUCTURE/EQUIPMENT

LOADING UNITS/CARGO TYPES

SERVICES

LINKS

Facility type

Intermodal terminal

Facility address

Hofbräuallee 11

81829 München

Germany

Opening times

24h operation

Modes

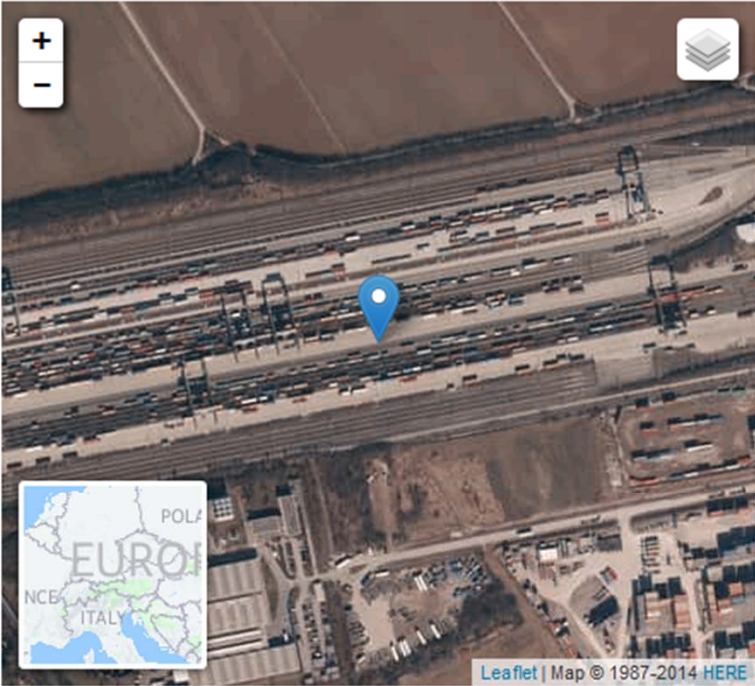
Rail, Road

Operation status

Unknown

Facility details structured by
4 Information Clusters

- Basic data
- Infrastructure/Equipment
- Loading Units / Cargo types
- Services

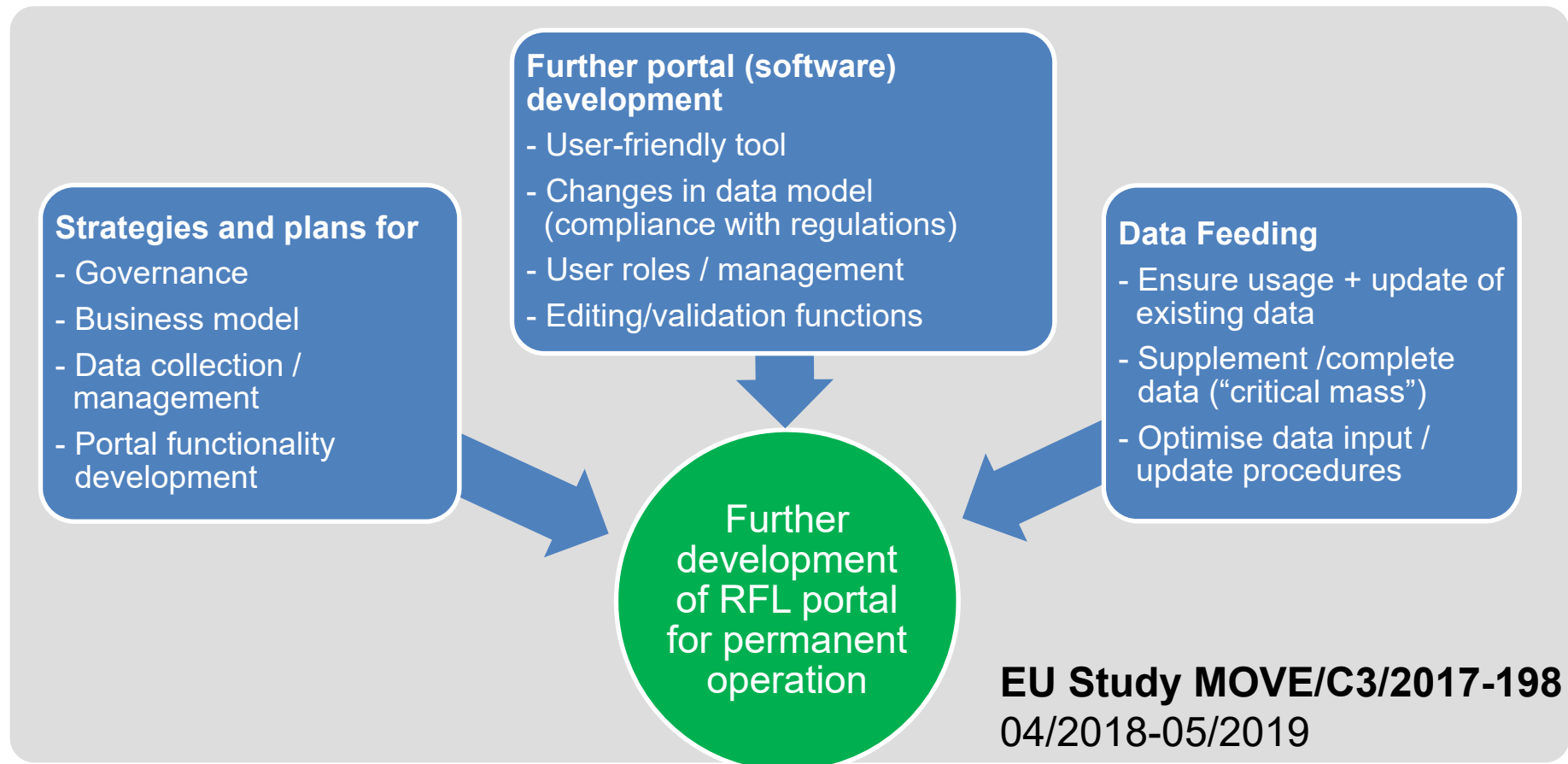


Leaflet | Map © 1987-2014 HERE

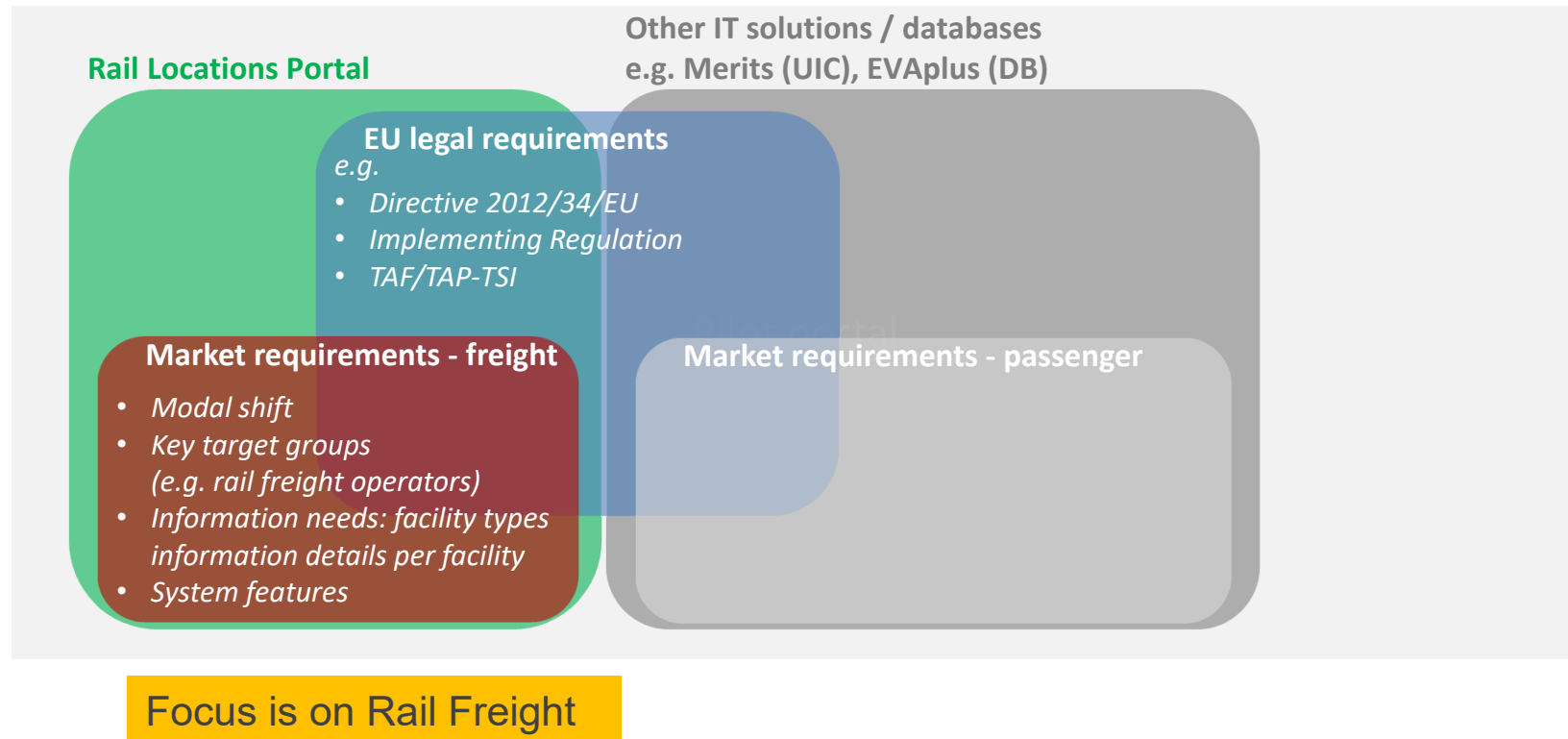
Main data source: SGKV/UIRR

Send Feedback

Project tasks



Project approach – Concept for portal design



Consideration of facility types according Directive 2012/34/EU...

- Passenger stations
- Freight terminals (+ potential subtypes)
- Marshalling yards / Train formation facilities,
including shunting facilities
- Storage sidings
- Maintenance facilities
- Other technical facilities,
incl. cleaning and washing
- Maritime and inland port facilities linked to
rail activities
- Relief facilities
- Fuelling facilities

...and information
requirements according
Implementing Regulation
(EU) 2017/2177

Project approach – Concept for portal data

Data collection exercise (by project team)

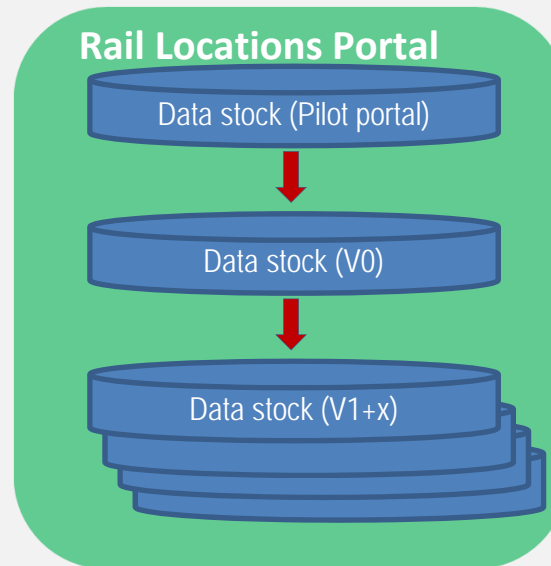
*Negotiate with data providers
use of data for permanent portal*

*Data collection/verification:
Check/correct data transferred
from pilot portal*

Data supplement/completion

- Agreed facility types and information parameters (exploit portal functionalities for editing or data transmission)
- Focus on geographical areas
- Achieve "critical mass"

Service period



Data editing involving facility operators → Permanent data update

*(Feedback to portal contents via
existing feedback module)*

Registered users (data providers):
*Data editing or transfer via
"Extended user model"
with upgraded editing masks, interfaces
Portal data manager(s)
Support for data editing/transfer
Feedback in case of inconsistencies*

Service period
Regular operation

Main data sources & links

- **European registers on railway infrastructure**
RINF (Register of Infrastructure);
CRD database (Central Repository Domain).
- **Network statements**
of the national and regional rail infrastructure managers or primary information sources from other infrastructure operators (terminals, railports,...);
- **Terminal operators**
- **Other existing information portals**
for specific facilities/data

TAF-TSI COMPLIANCE

“SF List” & “SF Template”

Project phases & time line

Tasks	Project month												
	1	2	3	4	5	6	7	8	9	10	11	12	13
1 – Strategies and Plans													
2 – Further development of the portal functionality													
3 – Data collection and verification													
4 – Final reports & handover													



Project start:
Mid April 2018

Project end:
Mid May 2019

Thank you for
your attention!



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