

# Geographical Information System

Presentation & needs from our Customers  
TAG-Meeting Amsterdam, 12th Octobre 2016



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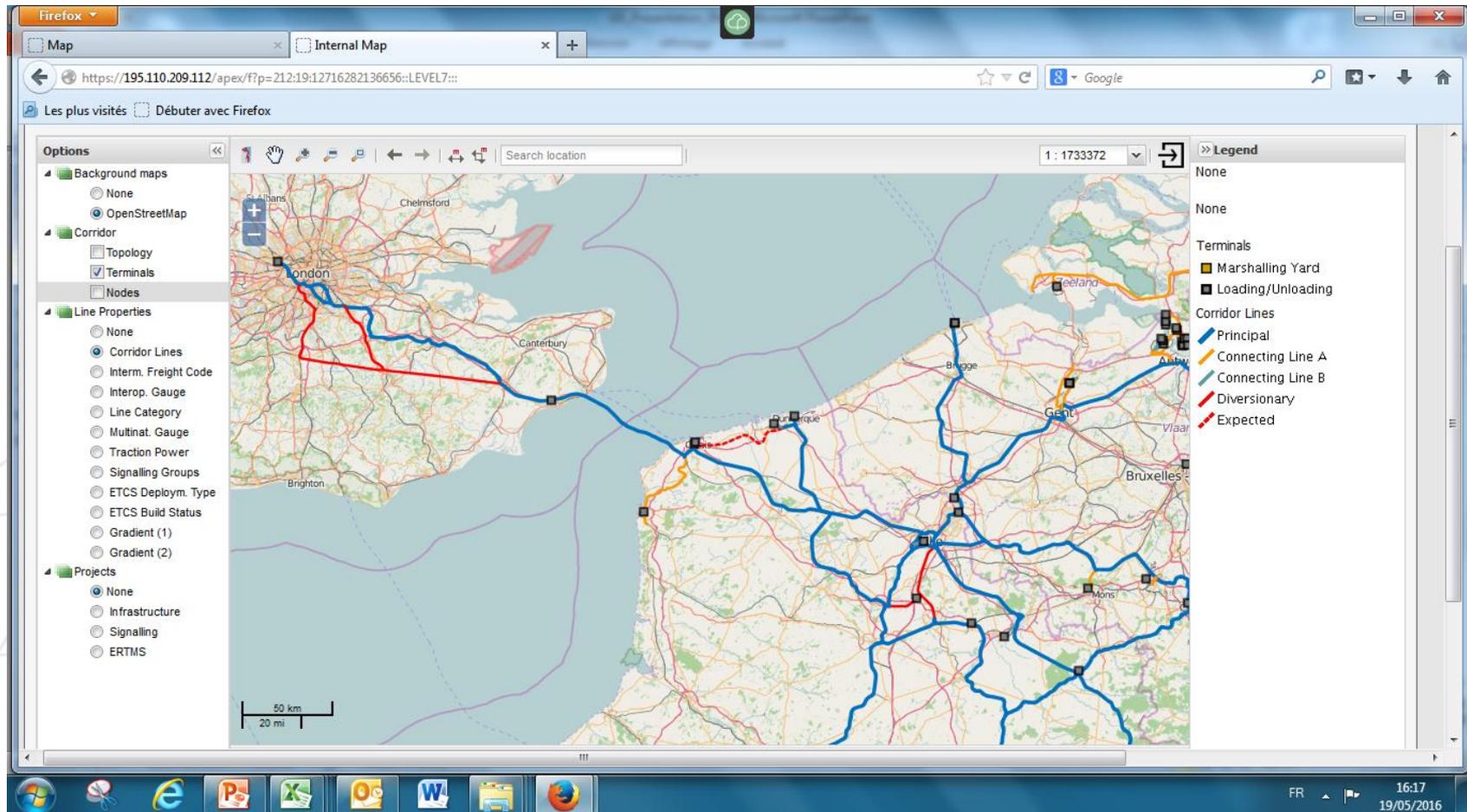
# Agenda

1. Presentation of the GIS
2. Presentation of RFL - Portal
3. Roadmap further development
4. Customers expectations & questionnaire

# 1. GIS: History

- Initiative started by RFC Rhine-Alpine as part of their Customer Information Platform (CIP)
- Coordination and development taken over by RNE in 2015
- Technical development done by supplier 'Fichtner'
- 6 Participating RFCs working on the Roll-out: Rhine-Alpine (1), North Sea-Med (2), ScanMed (3), Atlantic (4), Baltic-Adriatic (5) & North Sea-Baltic (8)

# 1. GIS: screenshot of an overview



# 1. GIS: screenshots of a detail

Firefox

Map <https://195.110.209...1191508::LEVEL7...>

<https://cip.me.eu/apex/f?p=212:24:7820529562311:::>

Les plus visités Débuter avec Firefox

- Google Hybrid
- Google Satellite
- OpenStreetMap
- Corridor
  - Terminals
  - Nodes
- Line Properties
  - None
  - Corridor Category
  - Interm. Freight Code
  - Interop. Gauge
  - Line Category
  - Multinat. Gauge
  - Traction Power
  - Signalling Groups
  - Gradient (1)
  - Gradient (2)
- Projects
  - None
  - Infrastructure
  - Signalling
  - ERTMS

Loading/Unloading

Nodes

- Railway Node or Junction
- Border Point
- Handover Point
- Expected Node

Signalling Groups

- upon request
- National System Only (Legacy)
- Class B-System (Legacy)
- Class A-System (Interoperable)
- Class A + B-System

**SEGMENTS\_BY\_SignallingGroup**

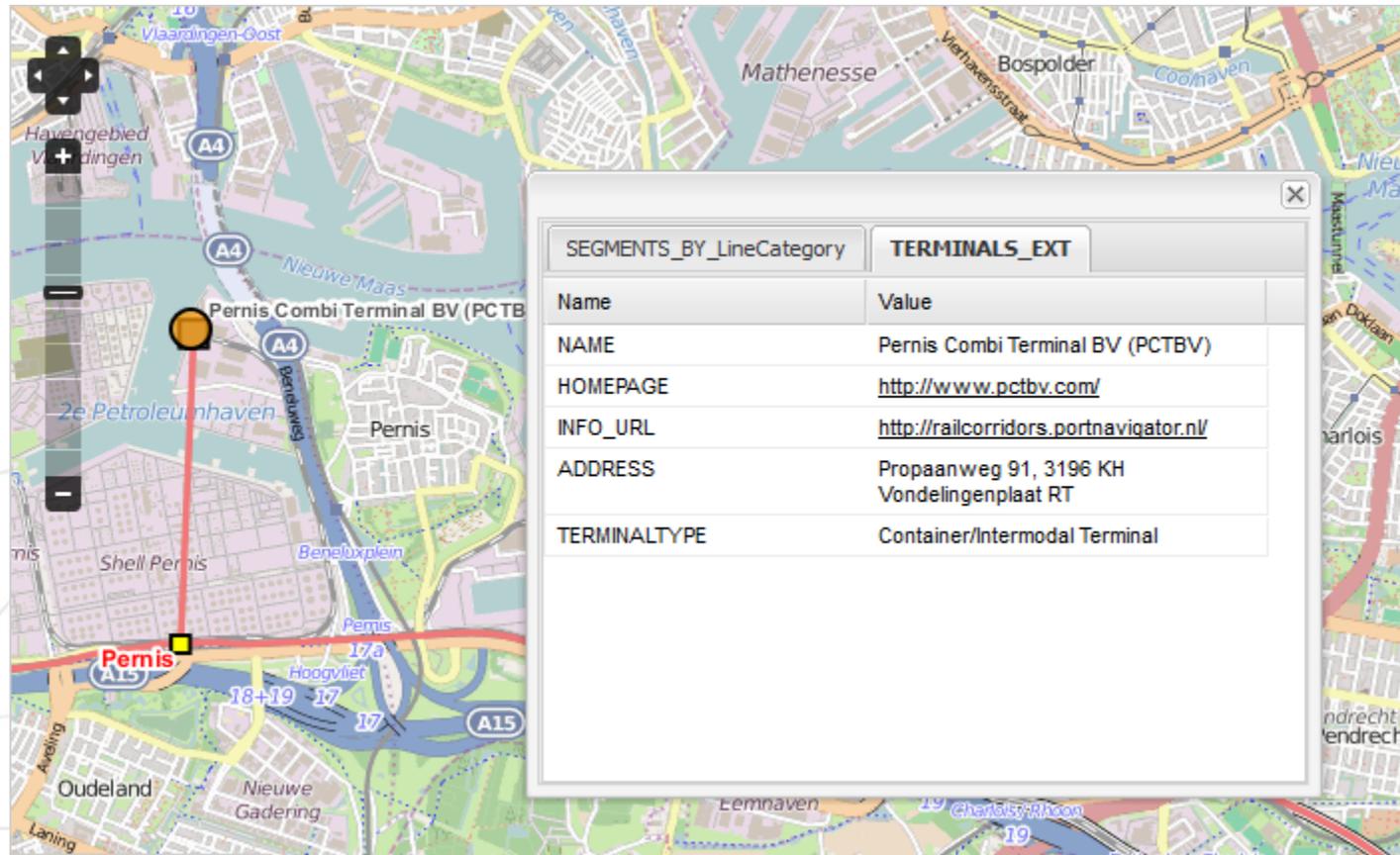
Name	Value
COUNTRY	France
CATEGORY	Diversionary Line
INTERMODAL_FREIGHT_CODE	upon request
INTEROPERATIONAL_GAUGE	GB1
LINE_CATEGORY	D4
MULTINATIONAL_GAUGE	upon request
TRACTION_POWER	25 KV AC
GRADIENT_1	5 - 10
GRADIENT_2	5 - 10
SIGNALLING_GROUP	Class B-System (Legacy)
SIGNALLING	BAL + KVB (FR)

10 km  
5 mi

Coordinates: 6.980, 48.460

FR 17:40  
19/05/2016

# 1. GIS: screenshots of terminal information



The screenshot displays a GIS application interface. On the left, a map shows the Pernis area with a red line connecting a yellow square on the A15 highway to an orange circle representing the terminal. The popup window on the right, titled 'TERMINALS\_EXT', contains the following information:

SEGMENTS_BY_LineCategory	TERMINALS_EXT
Name	Value
NAME	Pernis Combi Terminal BV (PCTBV)
HOMEPAGE	<a href="http://www.pctbv.com/">http://www.pctbv.com/</a>
INFO_URL	<a href="http://railcorridors.portnavigator.nl/">http://railcorridors.portnavigator.nl/</a>
ADDRESS	Propaanweg 91, 3196 KH Vondelingenplaat RT
TERMINALTYPE	Container/Intermodal Terminal

# 1. GIS: Information present in the system

- Terminal Name
- Terminal website
- Terminal Address
- Terminal Type

Important remark: Data input is done by the Corridor, based on the supplied information of the terminals

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## 2. Rail Freight Locations - Portal

- Accessible via following link: <http://www.railfreightlocations.eu/>
- Short presentation by UIRR

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# 3. Proposals roadmap long term development

- Multi-tenancy: have all the corridors on the same screen
- Integration into other RNE tools: e.g. TIS for Terminals
- Link the information of the Terminals from CIP to RFL-Portal

Important remark: These are proposals of further development which have to be approved by the CCB of the CIP-platform

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# 4. Customers' expectations & Questionnaire

## **Open Discussion:**

- Is the GIS a useful tool for you?
- Which information would you like us to add in the GIS?

## **Questionnaire:**

- Based on your first experiences
- Remarks on GUI, performance, end-user experiences
- Suggestions for extra information to be integrated

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