

Geographical Information System

Presentation & needs from our Customers
RAG-Meeting London, 24th May 2016



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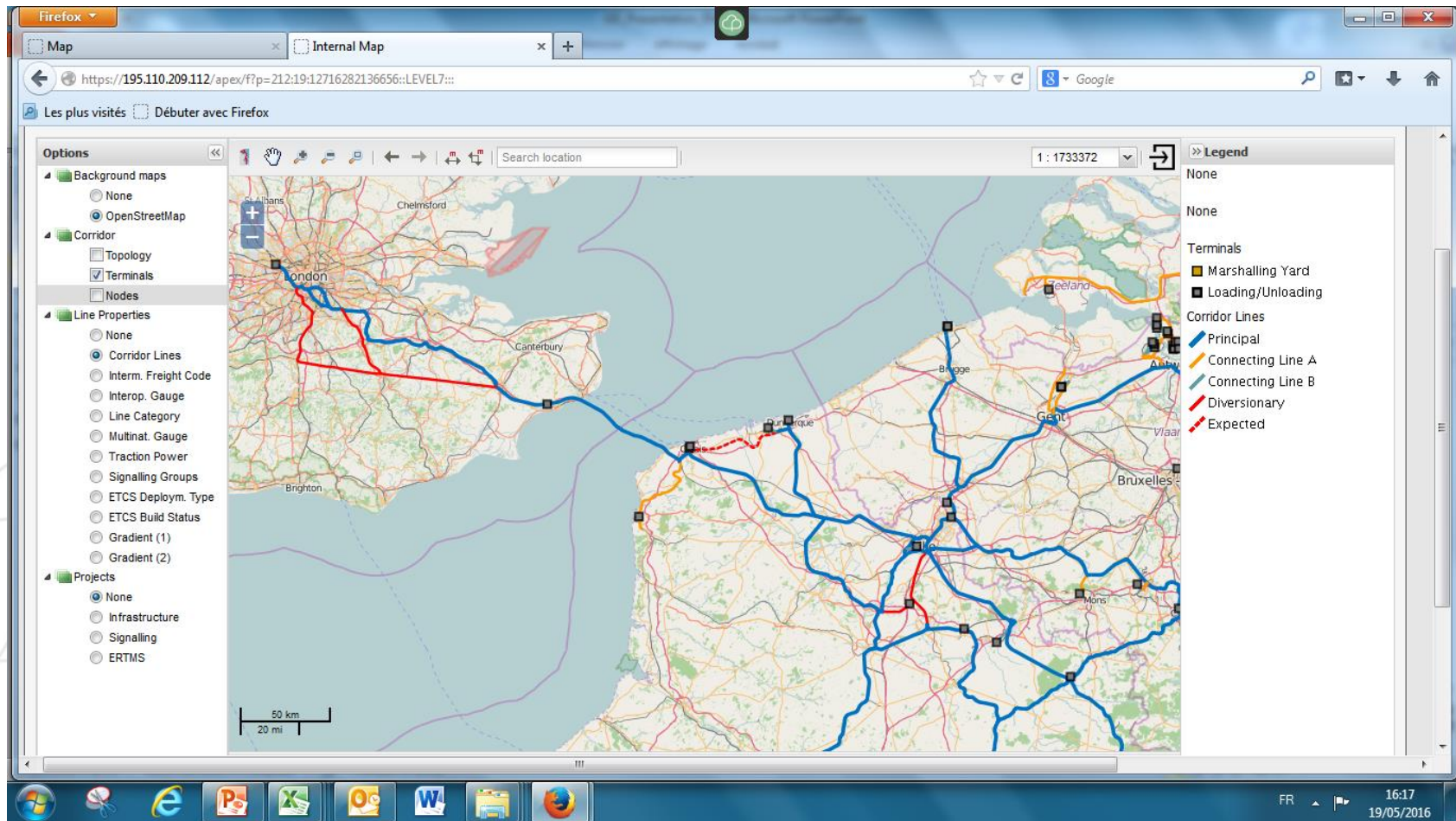
Agenda

1. Presentation of the GIS
2. Roadmap further development
3. 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

The screenshot shows a web-based GIS application running in a Firefox browser. The map displays a green railway corridor through a landscape with roads (A4, A340, A35) and airports (Aéroport de Dieuze-Gulblange, Camp Lo Hone, Aéroport de Saverne-Strasbourg). A popup window titled "SEGMENTS_BY_SignallingGroup" is open over the map, displaying the following data:

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)

The application interface includes a left sidebar with layers like "Corridor", "Terminals", "Nodes", and "Line Properties". A right sidebar lists "Loading/Unloading" and "Nodes" with their respective symbols. The bottom of the browser window shows the Windows taskbar with various application icons and the system clock displaying 17:40 on 19/05/2016.

1. GIS: screenshots of terminal information

The screenshot shows a GIS application interface. On the left, a map displays the Pernis area, including the A4 and A15 roads, the Neuwe Maas river, and the 2e Petroleumhaven. A red line connects a yellow square on the A15 road to an orange circle representing the terminal. A pop-up window titled 'TERMINALS_EXT' is open, displaying the following information:

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

1. GIS: Information present in the system

- Line category (axle load)
- Interoperable Gauge
- Intermodal Freight code
- Traction Power
- Signalling Groups (legacy / interoperable)
- Gradient both directions

Important remark: Data input is done by the IMs, some information is still in input phase or on request

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2. Proposals roadmap long term development

- Multi-tenancy: have all the corridors on the same screen
- Integration into other RNE tools: e.g. PaP's
- Show Local & temporary capacity restrictions

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

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3. 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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