

Loading gauge enhancement impact on capacity

Railway advisory group

26 November 2015, Brussels



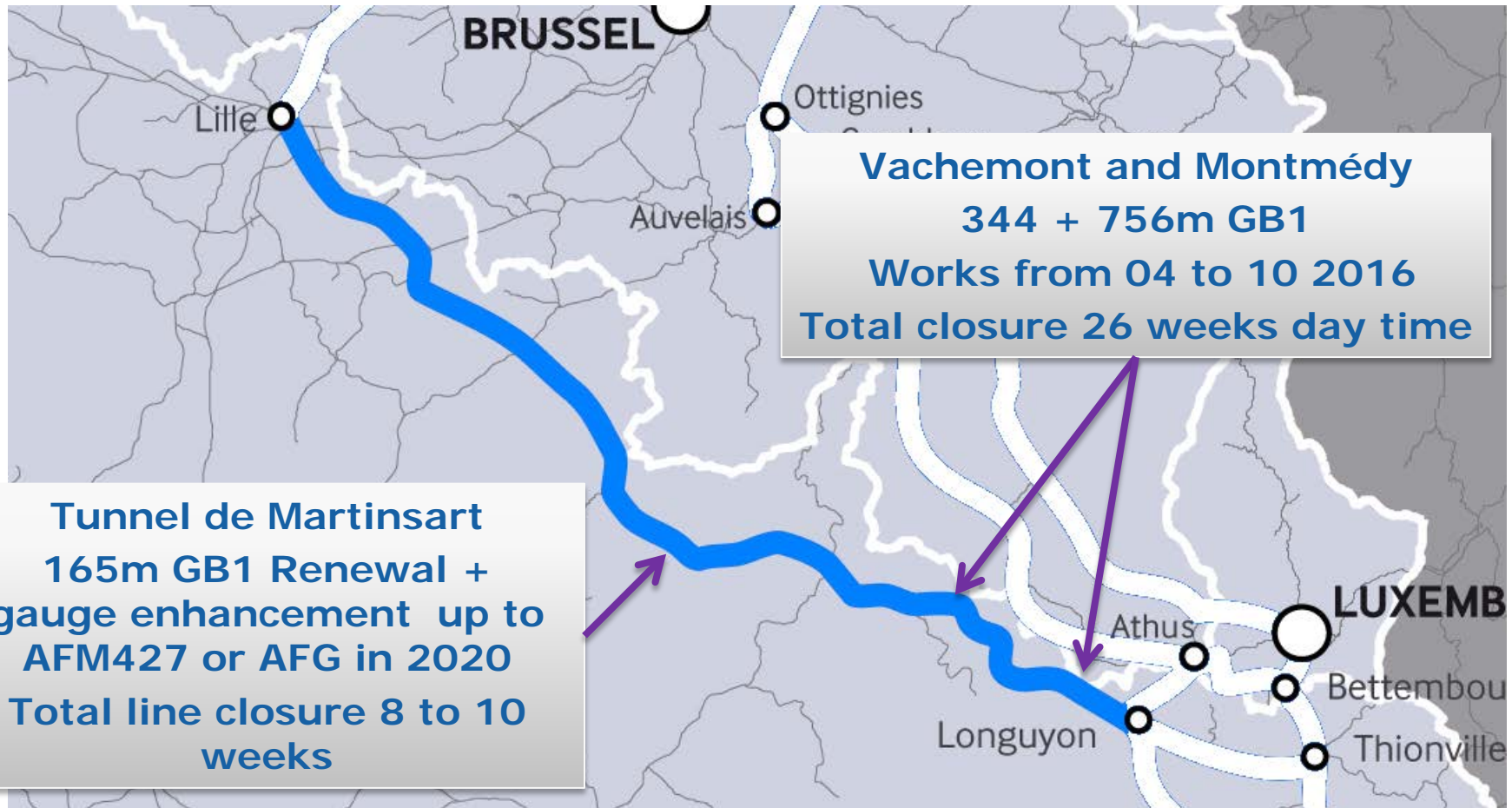
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Agenda

1. Artère Nord-Est
2. Longuyon-Thionville

ARTERE NORD EST 1/2



ARTERE NORD EST 2/2

➤ Alternative route via Paris.

- ⦿ Journey time increase up to 2H30 for a loaded train from Dunkirk to Woippy and up to 1H30 for an empty train on the return journey (in a perfect world)
- ⦿ This minimum journey time does not take into account major works between Paris and Château-Thierry and between Château-Thierry and Epernay
- ⦿ This also means SNCF Réseau has to guarantee a good access to freight trains between Paris and Creil, on the "Grande Ceinture" and on Paris-Meaux

➤ Alternative route via Tergnier Laon Reims

- ⦿ Need diesel locos so rolling stock management + shunting operations = costly alternative

➤ Alternative route via Belgium

- ⦿ Journey time is shorter via than via Paris area
- ⦿ Special locos with 3KV power supply equipment needed + signalling systems
- ⦿ For heavy trains of 3600 tons from Dunkirk to Pont-à-Mousson with a double loco traction, RUs might need to use one more loco because of the gradients on the Athus Meuse (15 ‰ instead of 10 ‰)

➤ Working groups with RUs to be organised to choose options

Agenda

1. Artère Nord-Est
2. Longuyon-Thionville

Longuyon-THIONVILLE 1/2

Tunnel de la Platinerie

642m GB Renewal + gauge enhancement up to AFM427
or AFG

Total line closure from April to Septembre 2017



LONGUYON – THIONVILLE 2/2

- There are alternative routes within the French territory:
 - ◉ Athus - Bettembourg - Thionville
 - ◉ Longuyon - Conflans-Jarny – Hagondange
 - ◉ Longuyon – Onville – Metz
 - ◉ Longuyon – Onville – Nancy
 - ◉ Journey time may be longer
 - ◉ Rolling stock to adapt to Belgium and Luxembourg power supply and signalling system
 - ◉ Drivers relay may be adapted and drivers may have to be trained to new routes

- The 2017 timetable and the PaPs catalogue is under construction and will be fixed end of 2015.

- Working group with RUs to be organised to choose options

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