



Co-financed by the European Union
Trans-European Transport Network (TEN-T)

Investment Plan

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Fast track your rail freight

Agenda

1. Investment plan characteristics
2. Characteristics per axis



1- Investment plan characteristics

- All Corridor IM members/partners gave their data about development/enhancement projects and renewal projects and programs (aggregated in the graphs by region and according to their state of progress)
- In Belgium developments projects may include some renewal works
- In the NL, renewal projects have to be finetuned.
- We have identified 7 axis or sections of the corridor to present these investments projects.

Nature of Projects

Renewal of tracks

Renewal of signaling system

Renewal of tunnel, bridge, etc.

Electrification

Creation of siding, passing tracks, extra tracks

Creation of new structure (line, tunnel, bridge, leapfrog)

Adjustment of gauge

Signaling enhancement

Track enhancement

Level Crossings

Noise reduction

Others

**We have dispatched the investment projects into
12 categories**

All French regions - renewal of security systems (signaling)	1	39
Antwerpen - Aubange - Bettembourg	19	2271
Antwerpen - Lille	4	101
Luxembourg - Lyon	19	1741
Lille - Longuyon	12	644
Metz - Basel	14	1227
Rotterdam - Antwerpen	2	No costs estimation
TOTAL	71	6023

Agenda

1. Investment plan characteristics
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2- Characteristics per axis



Dispatched on the entire french network	Renewal of signaling system	Total costs per axis	Total number of projects/ programs
ALL	All french regions - renewal of security systems (signaling)		1
Costs	39	39	

2- Characteristics per axis



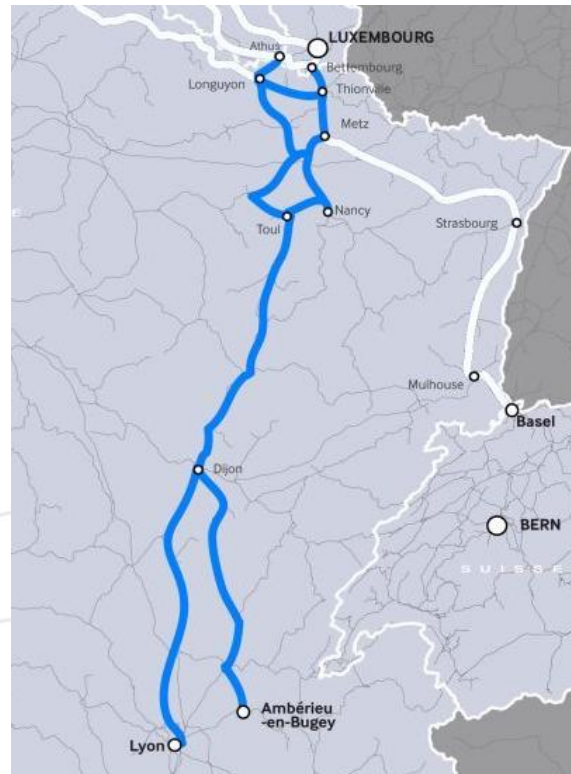
616,5 KM	Renewal of tracks	Electrification	Creation of siding, passing tracks, extra tracks	Creation of new structure (line, tunnel, bridge, leapfrog)	Signaling enhancement (ERTMS...)	Track enhancement	Others	Total costs per axis	Total number of projects/ programs
ANTW - AUB - BETT	1 program in LUX	1 project in LUX	8 projects (4 in LUX and 4 in BE)	4 projects (2 in BE and 2 in LUX)	2 programs (1 in BE and 1 in LUX)	1 project Luxembourg - Kleinbettingen	2 projects (1 in BE and 1 in LUX)		19
Costs	15	65	881	787	140	328	55	2271	

2- Characteristics per axis



133 KM	Renewal of tracks	Renewal of signaling system	Signaling enhancement (ERTMS...)	Total costs per axis	Total number of projects/ programs
ANTW - LIL	1 program in FR	1 program in FR	2 programs (1 in BE and 1 in FR)		4
Costs	18	No cost estimation	82	101	

2- Characteristics per axis



903 KM	Renewal of tracks	Renewal of signaling system	Electrification	Creation of siding, passing tracks, extra tracks	Signaling enhancement (ERTMS...)	Level crossings	Total costs per axis	Total number of projects/ programs
BETT - LYON	1 program in FR	1 program in FR	1 program in Lorraine region	9 projects in FR	1 program in FR	6 projects in FR		19
Costs	718	413	No cost estimation	285	304	21	1741	

2- Characteristics per axis



269 KM	Renewal of tracks	Renewal of signaling system	Creation of siding, passing tracks, extra tracks	Adjustment of gauge	Signaling enhancement (ERTMS...)	Level crossings	Total costs per axis	Total number of projects/ programs
LIL - LONG	1 program in FR	1 program in FR	6 projects in FR	Corridor Lines in North Region - 1 program	1 program in FR	2 projects in FR		12
Costs	134	19	403	No cost estimation	86	2	644	

2- Characteristics per axis



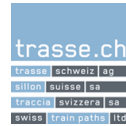
314 KM	Renewal of tracks	Renewal of signaling system	Electrification	Creation of siding, passing tracks, extra tracks	Signaling enhancement (ERTMS...)	Level crossings	Others	Total costs per axis	Total number of projects/ programs
METZ - BASEL	1 program in FR	1 program in FR	1 program in Alsace region	4 projects in FR	2 programs (1 in CH and 1 in FR)	3 projects in FR	2 projects in FR		14
Costs	140	39	No cost estimation	250	282	22	493	1227	

2- Characteristics per axis



101 KM	Signaling enhancement (ERTMS...)	Total costs per axis	Total number of projects/ programs
ROTT - ANTW	2 programs (1 in BE and 1 in NL)		2
Costs	No cost estimation	No cost estimation	

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