



Members of the Initiative

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15 Cities

Nancy, Strasbourg, Karlsruhe, Stuttgart, Ulm, Neu-Ulm, Augsburg, Munich, Städtebund Inn-Salzach, Salzburg, St. Pölten, Vienna, Bratislava, Györ, Budapest.

9 Regions

Regionalverband Südlicher Oberrhein, Regionalverband Mittlerer Oberrhein, Verband Region Stuttgart, Regionalverband Donau-Iller, Regionaler Planungsverband Augsburg, Regionaler Planungsverband München, Initiative "Airport-Bahn Südostbayern", Inn-Salzach Euregio, EuRegio Salzburg-Berchtesgadener Land-Traunstein.

9 Chambers of Commerce

IHK Freiburg, IHK Karlsruhe, IHK Region Stuttgart, IHK Ulm, IHK Augsburg und Schwaben, IHK für München und Oberbayern, Wirtschaftskammer Salzburg, Wirtschaftskammer Österreich, Slowakische Handels- und Industriekammer – Region Bratislava.

Close Cooperation

« Association TGV Est-Européen », Federal States in Germany and Austria.

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Aim of the Initiative

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Initial point

Starting from the idea of improving the infrastructure the aim of the Initiative today has widened.

The aim of the "Main Line for Europe" Initiative today is to achieve

- a continuous high-performance rail line for passenger and freight transport
- the optimum linkage to local and regional public transport along the entire corridor Paris – Bratislava/Budapest

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Activities of the Initiative

- Ongoing exchange of information
- Formulation of independent argumentation patterns (e.g. by studies)
- Continuous lobbying activities at European, national and regional level
- Pre-Financing / Financing
- Improvement of the stations and the local and regional public transport networks
- Elaboration of urban/regional development strategies in line with the "Main Line for Europe".

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Starting position for the study

Step-by-step upgrading of the line

- ⇒ changes in timetables
- ⇒ Actual gains in accessibility?

TGV Est Paris – Stuttgart (– Munich) put into service (2007)

improvements AND deteriorations of connections

Timetable conflicts between long-distance traffic and light rail traffic

New innovative approach:

Examine infrastructure and timetables belongings together

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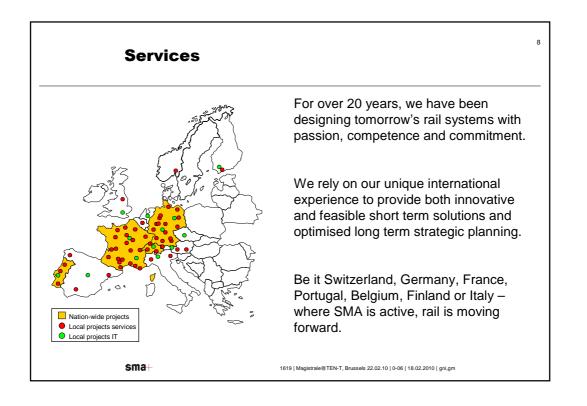
Study "Main Line for Europe / Trains for Europe"

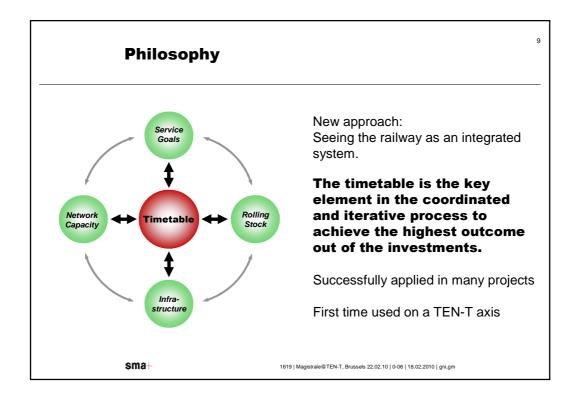
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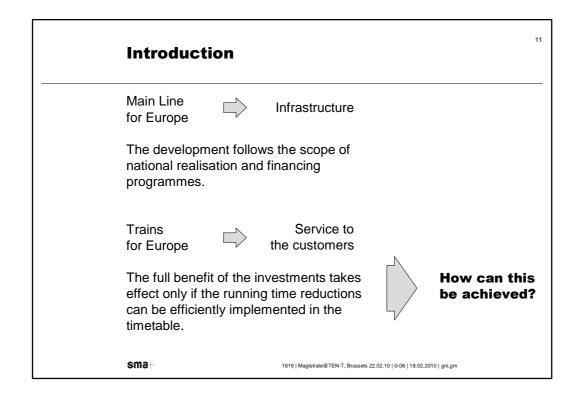
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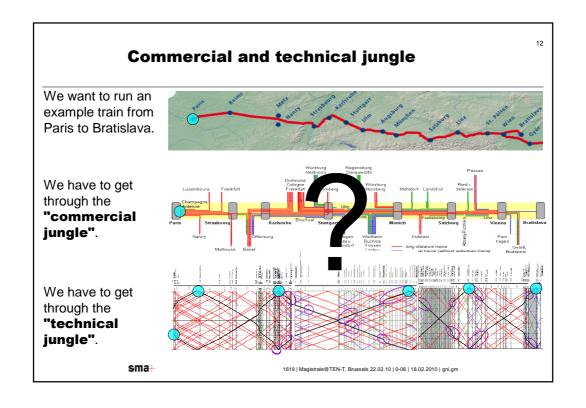












Main Line for Europe Work packages

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Wp 1 Analysis of the existing timetable service

Wp 2 Group of the planned infrastructure projects

Wp 3 Interaction between timetable and infrastructure

Wp 4 Improvement of the planning procedure

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Work package 1 Analysis of the existing timetable

Goal: Show the timetable development along the Main Line

for Europe

Approach: - Comparison of the timetables 1994 and 2008

- Analysis of approx. 350 connections

- Analysis by three parameters

Conclusion: - High density of connections and high degree of fixed-interval timetables within the national states

Low service density on the international connections

Reduction of trip times between 1994 and 2008,

additional trains and connections

But: Many connections do not benefit from new infrastructure due to operational conflicts between trains.

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Work package 3
Timetable and infrastructure

 Show the technical dependency between the timetable and the infrastructure

Approach – Adoption of the infrastructure scenarios from work package 2

- Estimation of the shortened running time along the Main line
- Definition of a Main Line example train
 Paris Bratislava
- Identification and classification of the resulting timetable conflicts

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Goal

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Work package 3 Conclusion

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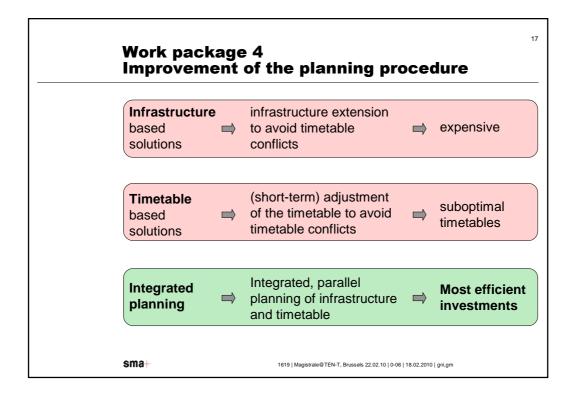
- Main Line example train Paris Bratislava causes many timetable conflicts
- Shortest running time Paris Bratislava can not be realised for the example train due to these conflicts
- Many conflicts remain unsolved even after the opening of all assumed infrastructure projects

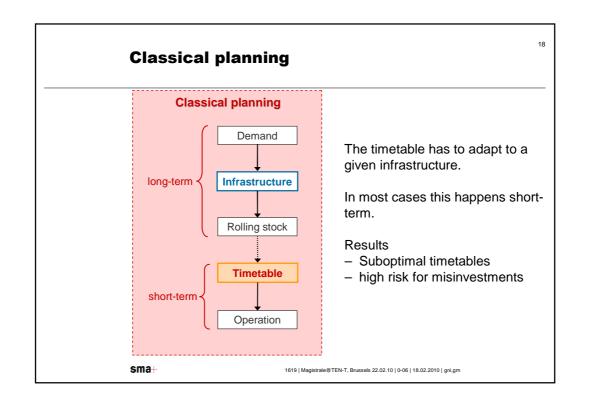
Not all conflicts are solved by the new infrastructure.

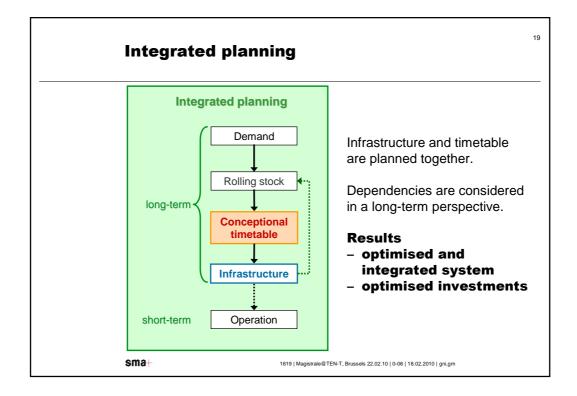
Some infrastructure investments even create **new conflicts**.

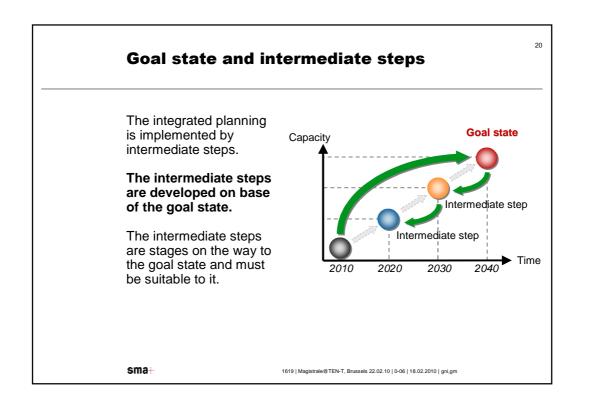
How can the planning process be improved to get the **highest benefit from the investment**?

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European slot allocation Items of a future framework

- Coordination of timetable AND infrastructure are needed on the European level
- The future construction of the European high speed rail lines must consider operational questions.
- International long-distance trains are high value slots.
 Those high value slots are in danger of getting stuck in timetable conflicts. Therefore they need long-term determination.

Rules are needed that

- ensure attractive international slots
- ensure attractive timetables in the context of the open access

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22 Integrated planning and open access Open access and integrated planning work together. In the integrated planning procedure the role of the infrastructure managers is: The infrastructure managers plan their infrastructure development on base of a longterm conceptional timetable. Integrated planning Based on this complete system they design the best possible international slots. This optimised slots are offered to the train Open operating companies for bidding. Access sma 1619 | Magistrale@TEN-T, Brussels 22.02.10 | 0-06 | 18.02.2010 | gni,gm

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Review of Timetable Consequences proposal for an instrument

Goal: Review of time reducing infrastructure projects

Approach: – A national infrastructure operator wants to build new infrastructure.

- That infrastructure reduces running times and thus changes the existing slots.
- The Review of Timetable Consequences has to verify
 - the consequences on other trains
 - weather the running time reduction can be implemented in the timetables of the neighbouring countries

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Summary

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Infrastructure investments without timetable planning lead to misinvestments and loss of money.

To get the highest benefit from investments **infrastructure and timetable** have to be planned together.

Open access in this context means: The infrastructure managers design **optimised** (**international**) **slots**. After this they offer them to the train operating companies for **bidding**.

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Thank you for your attention!

"Main Line for Europe" Initiative

SMA und Partner AG

Mr. Florian ISMAIER

Mr. Gösta NIEDDERER

Managing Director

Consultant

Stadt Karlsruhe / City of Karlsruhe Office for European and Regional Relations (EURegKA) Rathaus am Marktplatz (Town Hall) 76124 Karlsruhe

Transportation Engineers, Planners and Economists Gubelstrasse 28 8050 Zurich

SMA und Partner AG

Germany

Switzerland g.niedderer@sma-partner.ch Fon +41 44 317 50 66

florian.ismaier@euregka.karlsruhe.de Fon +49 721 133 1871 Fax +49 721 133 1879

21 133 1879 Fax +41 44 317 50 77

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