

DIOMIS Seminar

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ERIM (European Rail Infrastructure Masterplan)

- ▶ UIC study, data collected directly from Member Railways
 - ▶ High level infrastructure **supply side** overview.
 - Major international **rail (freight) corridors** within 32 countries.
 - **Database** including 50 000 route-km divided in 1 100 line sections.
 - ▶ ERIM analysis covers the period **2005-2020**
 - **Traffic growth** forecasts per corridor has been established with the Member railways
 - 36% for passenger traffic within ERIM network
 - 64% for freight traffic within ERIM network.
- Capacity utilisation by 2020 has been estimated

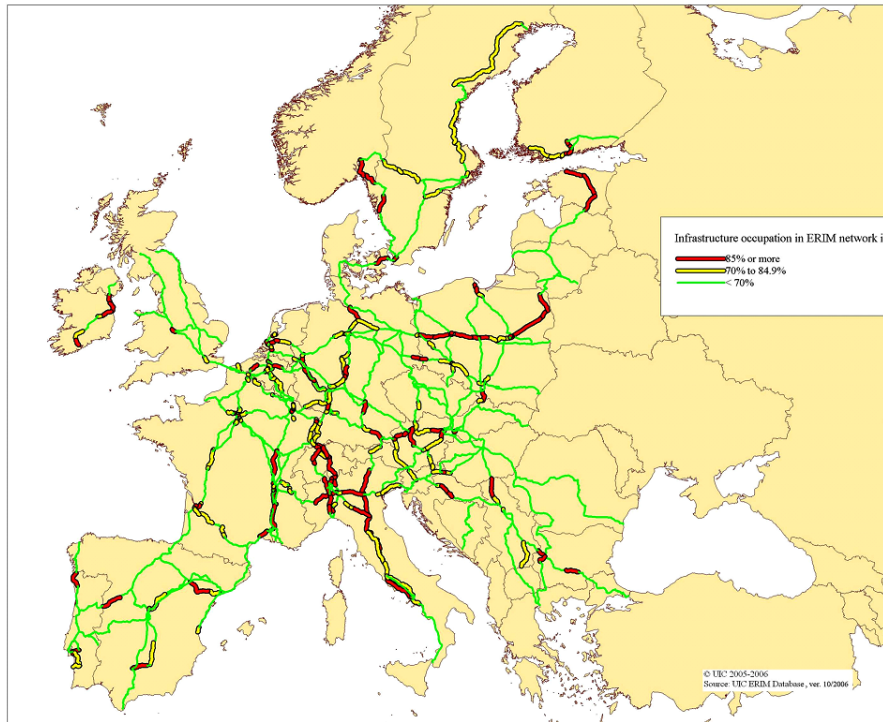
ERIM Traffic Growth Forecast for some countries

	Estimated Traffic Growth 2004 - 2020				
	Freight (tonne-kms)		Passenger (passenger-kms)		TOTAL
	National	International	National	International	Transport Units
Austria	43%	46%	33%	39%	42%
Belgium	56%	56%	35%	35%	46%
France	52%	53%	28%	35%	40%
Germany	129%	46%	10%	17%	58%
Italy	58%	61%	25%	32%	35%
Poland	23%	38%	40%	44%	31%
Switzerland	159%	159%	85%	85%	135%

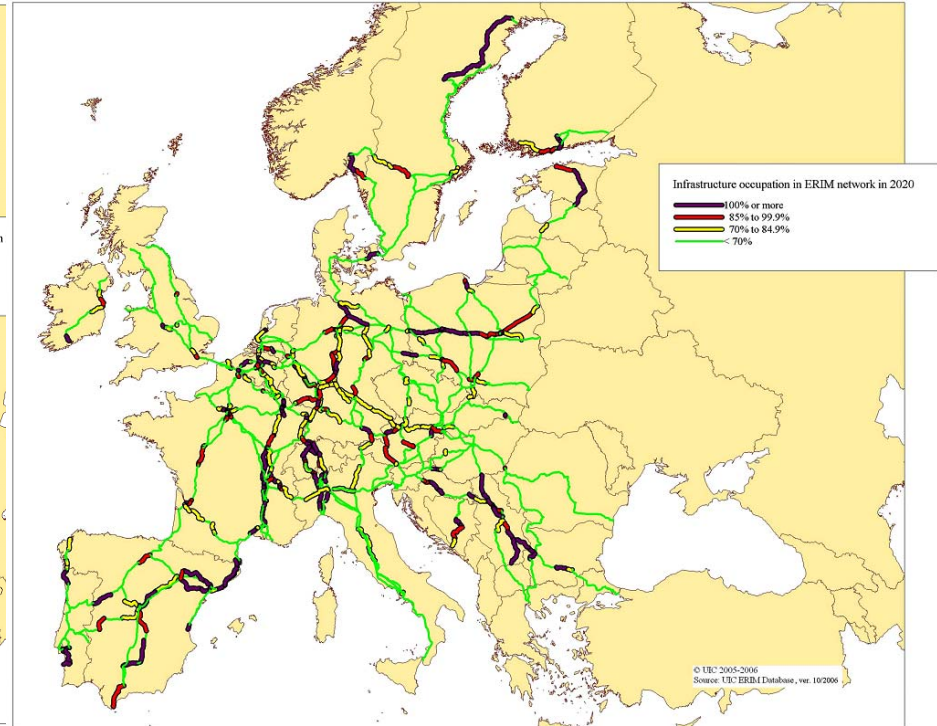
Source: © UIC ERIM Database 2005-2006

Infrastructure Utilisation in ERIM Network

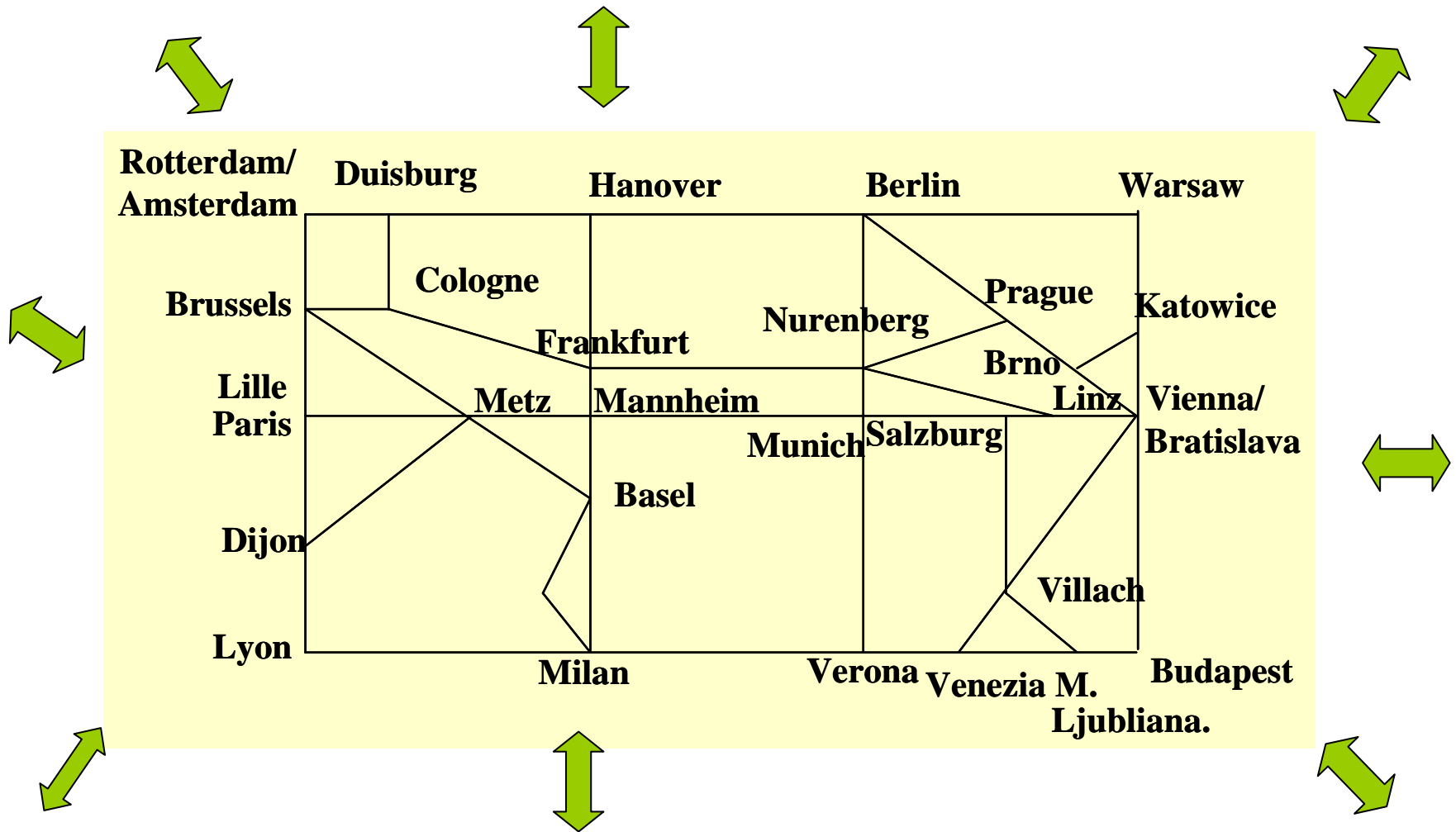
2006



2020



Central European Railway Grid



ERIM future work

- ▶ Establish the upgrading needs and investment cost to **relieve the identified bottlenecks** within the entire ERIM network.
- ▶ Evaluate the feasibility and investment costs for **infrastructure harmonisation** for some technical parameters (e.g. train length) along the main corridors.
- ▶ Evaluate the volumes and capacities related to **nodes, terminals** and **ports**.



Consolidated investment plans along the corridors
(ERTMS, harmonisation- and bottleneck alleviation measures).

↓ ↑
Priority setting for investment roll-out

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Balanced business plan

