CENTRAL COMMISSION FOR THE NAVIGATION OF THE RHINE
COMMISSION CENTRALE POUR LA NAVIGATION DU RHIN
ZENTRALKOMMISSION FÜR DIE RHEINSCHIFFFAHRT
CENTRALE COMMISSIE VOOR DE RIJNVAART

Visit from the Committee on Transport and Tourism of the European Parliament

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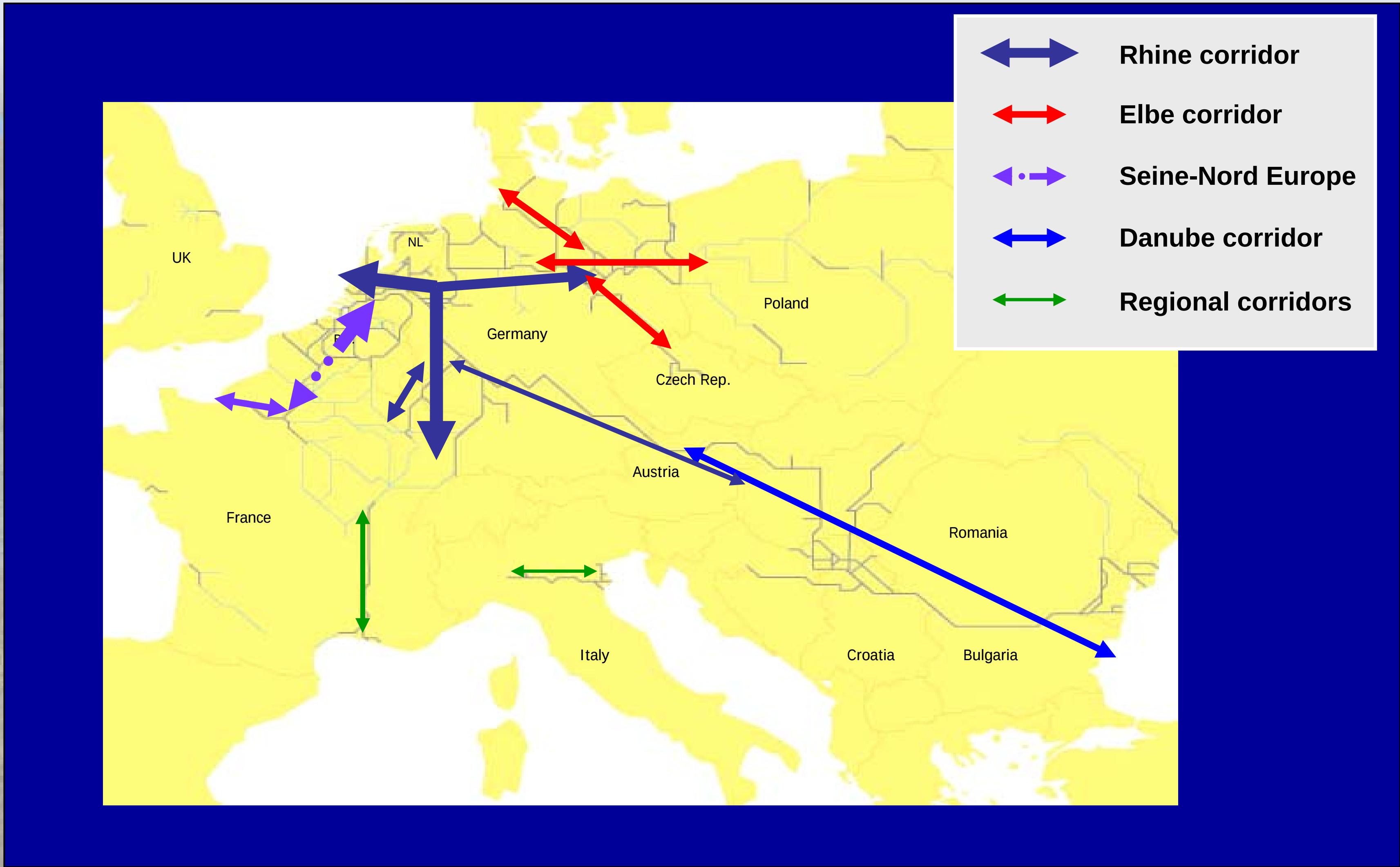
Content of the presentation

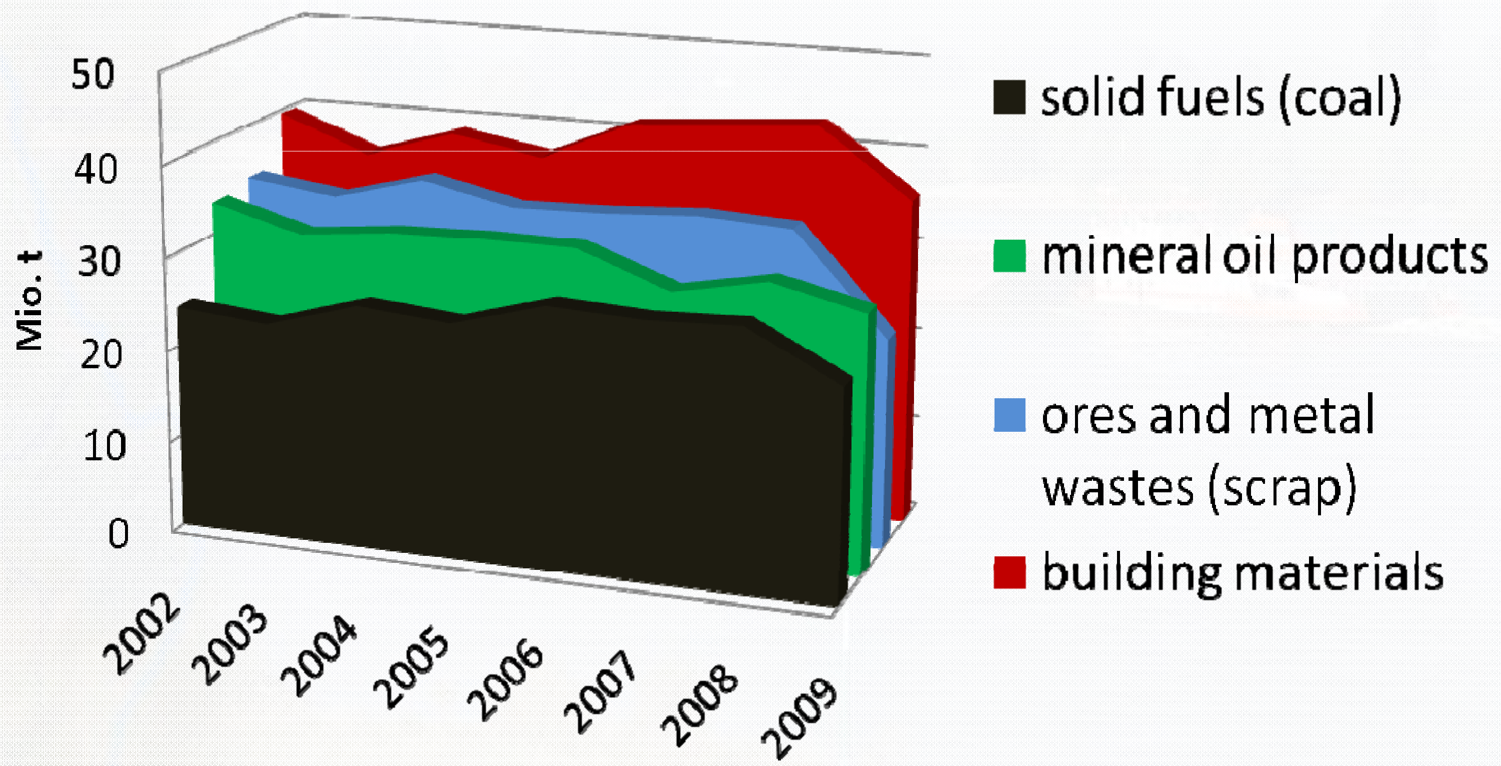
- 1. Geography
- 2. Transport on the Rhine
- 3. New Markets for Inland Navigation
- 4. Market Share of Inland Shipping in main European Seaports (Container)
- 5. Fleets

1. Geography
- the different European Corridors -



2. Transport on the Rhine

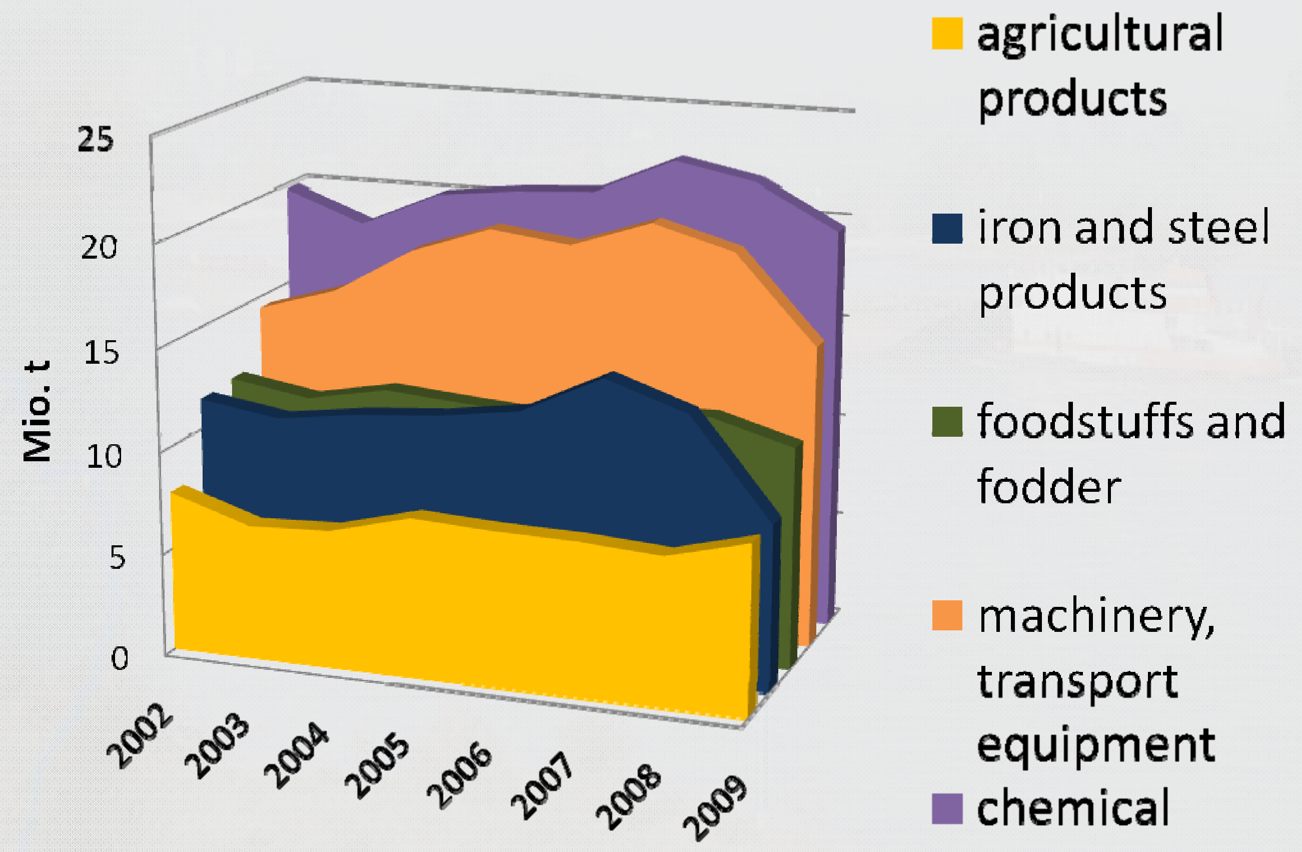
- the four most important Product Groups -



source: destatis

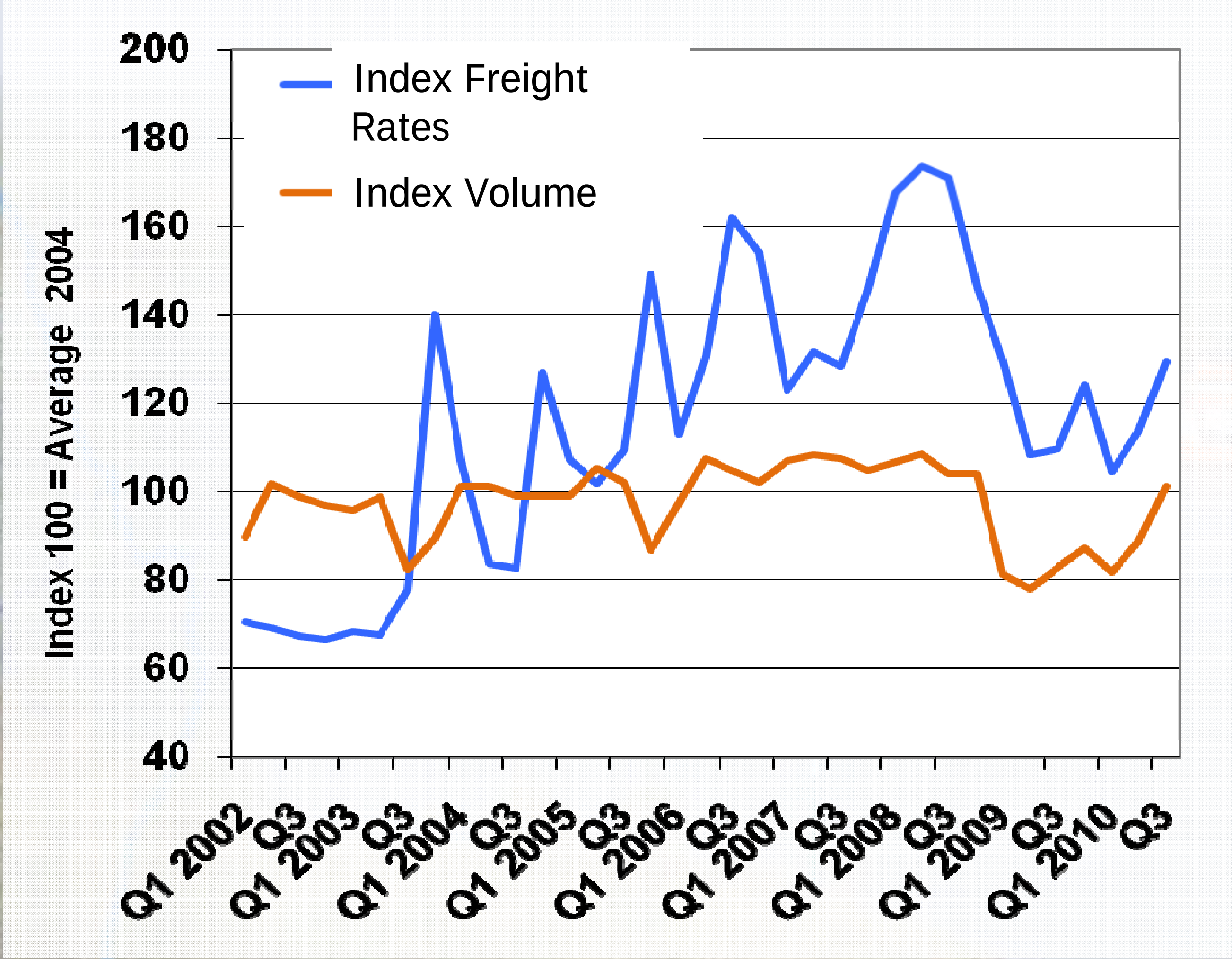
2. Transport on the Rhine

- other Product Groups -



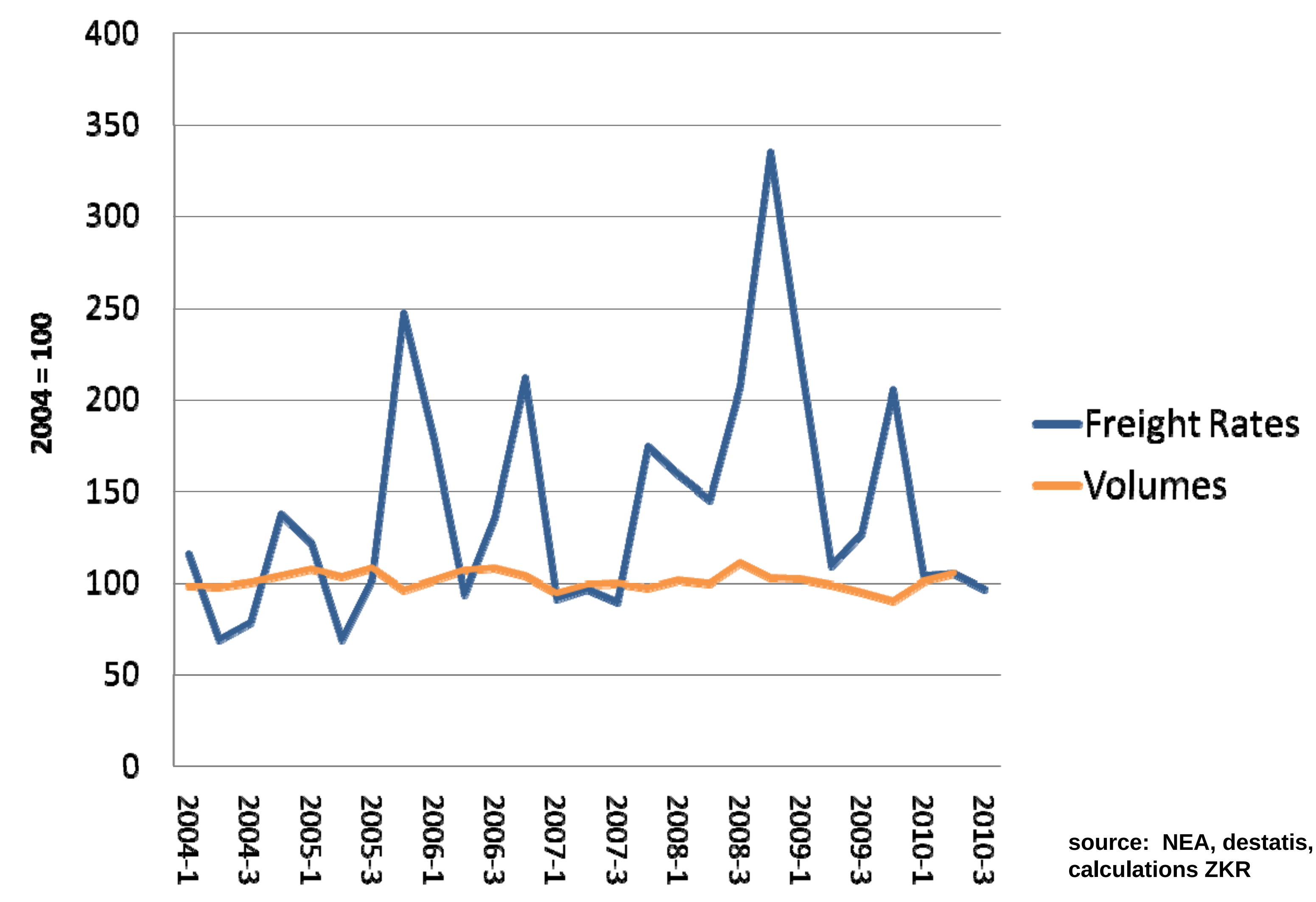
source: destatis

Volumes and Freight Rates in Dry Shipping (Rhine)



source: NEA, destatis, calculations ZKR

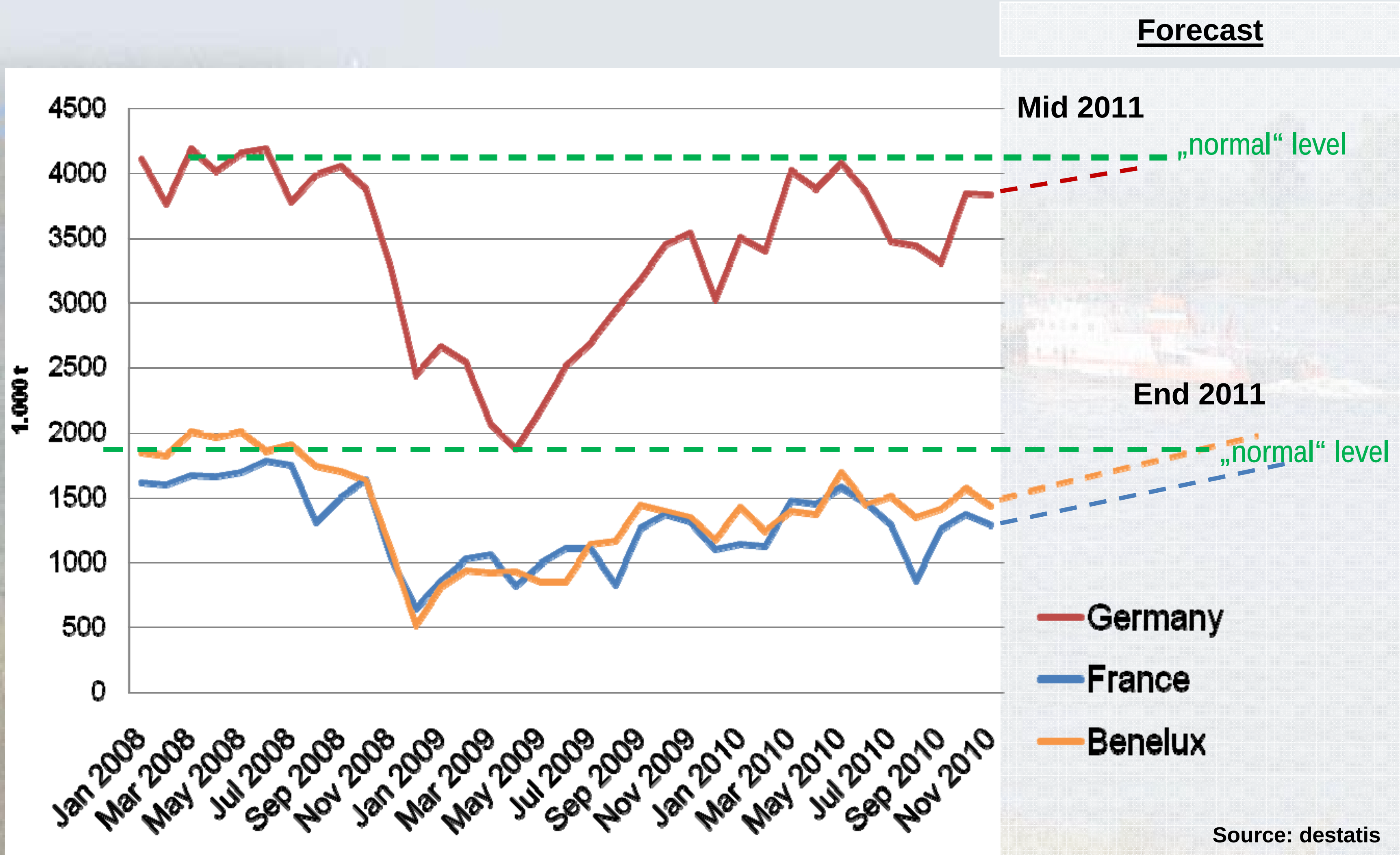
Volumes and Freight Rates in Tanker Shipping (Rhine)



source: NEA, destatis, calculations ZKR

Steel Production

- Indicator for Recovery in Dry Cargo Shipping -

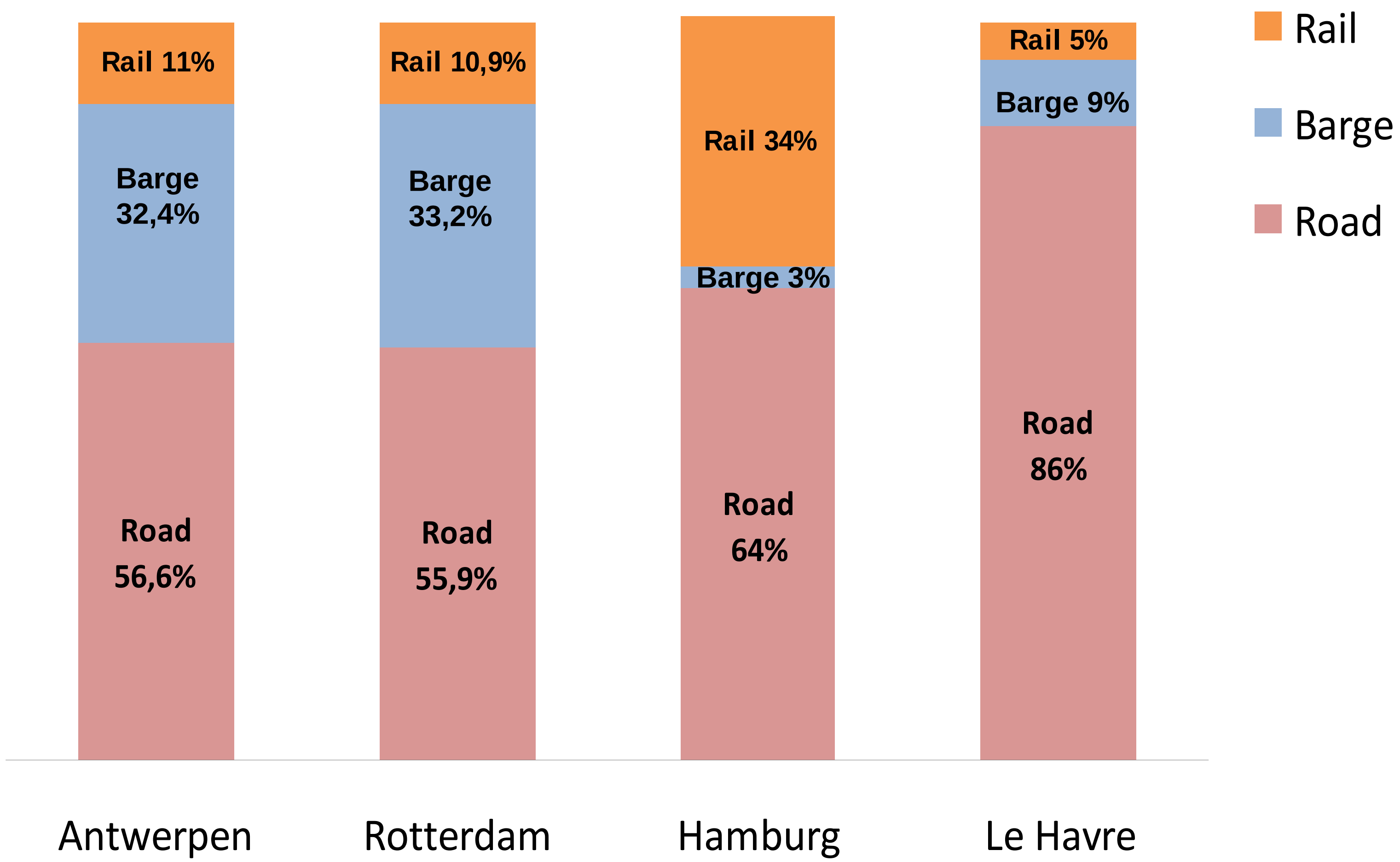


3. New Markets for Inland Navigation

- **Transport of Passengers**
  - River Cruises: growing demand from all demographic segments
  - New routes (e.g. Eastern Europe, Russia)
  - Commuters (large cities)

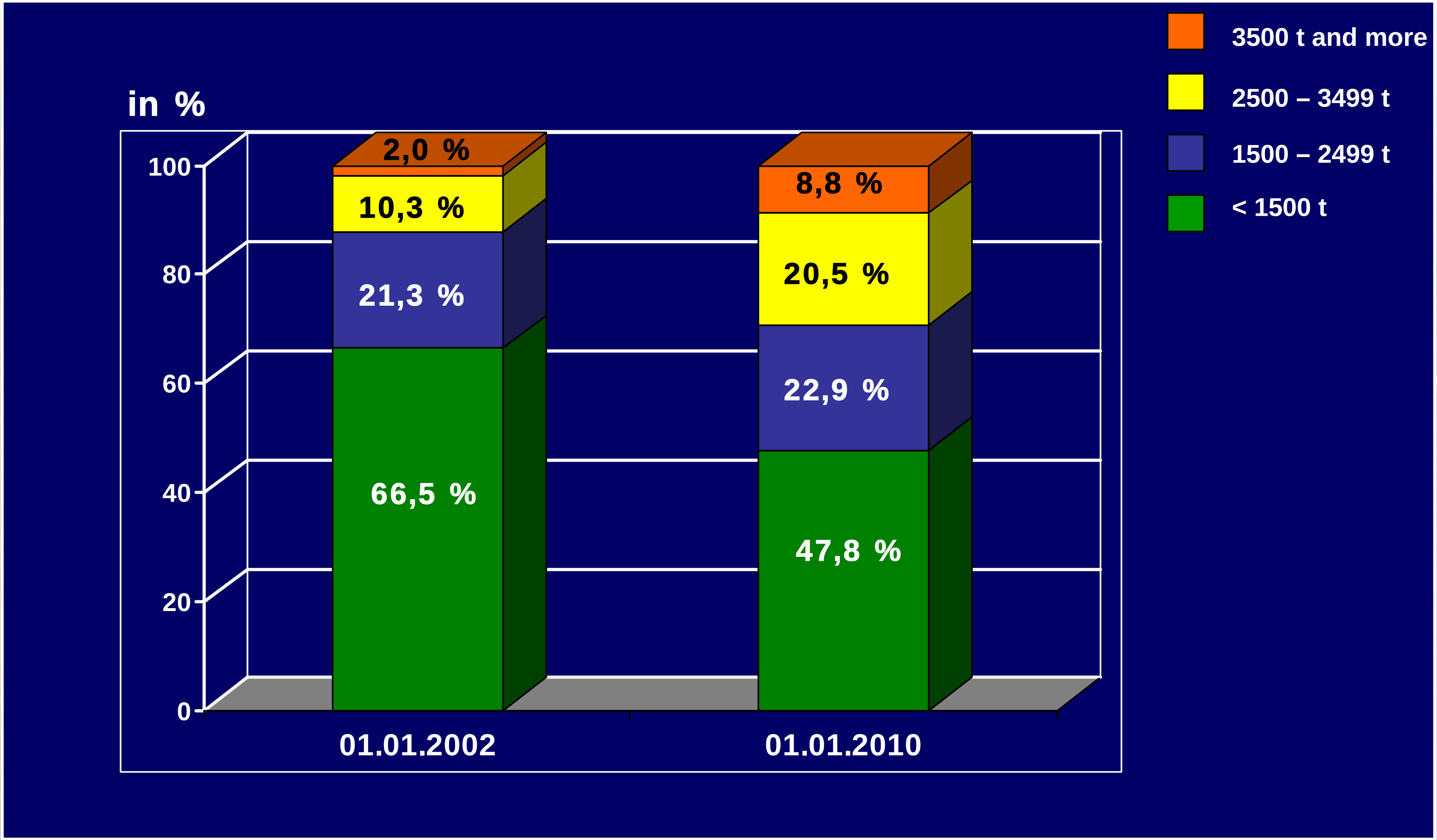
- **Transport of Goods**
  - Container transport (inland navigation has idle capacities in comparison to road transport)
  - Renewable energies: biomass, biofuels (barge transport has cost advantages, due to mass transport of wood, biomass, etc.)
  - Distribution on local scale

4. Market Share of Inland Shipping in main European Seaports – Container traffic



5. Fleets

a. Structure of the dry cargo fleet



a. Dry Cargo Fleets

- ***Capacity of the dry cargo fleet***

	European (EU+) dry cargo fleet (*)		Rhine fleet	
	NB	TONNAGE	NB	TONNAGE
Motorvessels	6 320	7 574 000 t	4 470	6 103 000 t
Ordinary push barges	4 670	6 300 000 t	1 220	2 350 000 t

- ***Average tonnage (t)***

	European fleet(*)	New buildings 1990 - 1999	New buildings 2000 - 2010
Motorvessels	1 200 t	2 200 t	2 920 t
Ordinary push barges	1 350 t	1 900 t	1 800 t

- ***Yearly added new buildings (t)***

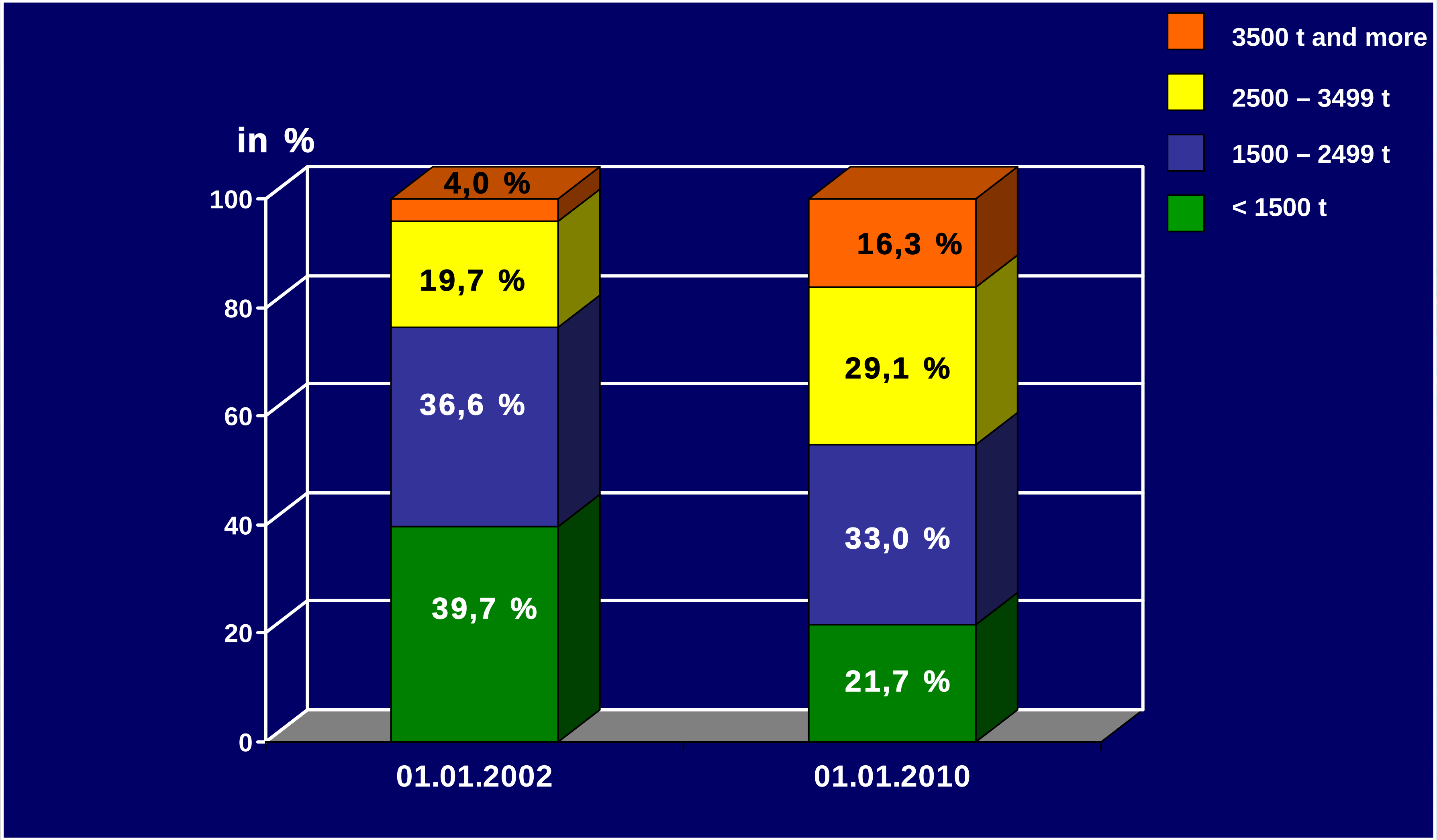
	1990 - 1999	2000 - 2010
Motorvessels	37 000 t	140 000 t
Ordinary push barges	60 000 t	49 000 t

(*) estimation

NB : more than 90 % of the capacity of motorvessels is seated in Western Europe.

Fleets

b. Structure of the liquid cargo fleet



b. Liquid Cargo Fleets

• ***Capacity of the dry cargo fleet***

	European (EU+) tanker fleet *(*)*		Rhine fleet	
	NB	TONNAGE	NB	TONNAGE
Tank motorvessels	1 510	2 568 000 t	1 250	2 520 000 t
Tanker barges	157	228 000 t	54	105 000 t

• ***Average tonnage (t)***

	European fleet*(*)*	New buildings 1990 - 1999	New buildings 2000 - 2010
Tank motorvessels	1 700 t	1 850 t	2 880 t
Tanker barges	1 450 t	1 800 t	1 300 t

• ***Yearly added new buildings (t)***

	1990 - 1999	2000 - 2010
Tank motorvessels	25 000 t	120 000 t

(*) estimation


Thank you for your attention!