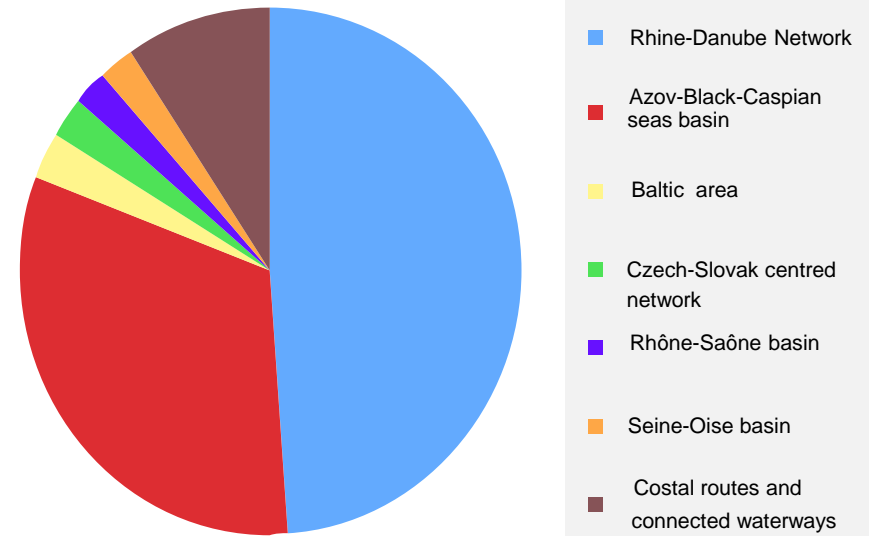




Inland waterways of UNECE member States

River basin	Length, km
Rhine-Danube network	14,362
Azov-Black-Caspian seas basin	9,339
Baltic area	840
Czech-Slovak centred network	715
Rhône-Saône basin	679
Seine-Oise basin	632
Costal routes and connected inland waterways	2,774
Total length of the AGN network	30,177



Source: the UNECE White Paper





Carriage of goods by inland waterways in the UNECE region

CARRIAGE OF GOODS BY INLAND WATER TRANSPORT, MIO t-km T-KM

Year	Austria	Bulgaria	Croatia	Czech Republic	France	Germany	Hungary	Kazakhstan	Lithuania	Netherlands	Romania	Russian Federation	Serbia	Slovakia	Ukraine
Total															
2010	2,376	6,048	941	43	9,115	62,278	2,393	79	3	40,285	14,317	52,880	875	1,189	3,837
2011	2,123	4,310	692	42	8,704	55,027	1,840	79	3	46,314	11,409	58,174	726	931	2,218
2012	2,191	5,349	772	38	8,622	58,488	1,982	62	2	46,631	12,519	76,274	605	986	1,748
2013	2,406	5,366	771	25	8,849	60,070	1,924	NA	0	NA	12,242	NA	NA	1,006	NA
National															
2010	72	42	29	16	5,015	10,811	4	32	3	9,937	3,438	31,704	166	4	543
2011	88	42	19	21	5,007	10,405	NA	22	3	12,146	3,599	36,229	153	NA	208
2012	101	39	11	16	4,863	10,912	3	29	NA	NA	3,084	40,326	145	2	312
2013	103	33	9	6	4,957	11,031	3	NA	0	NA	3,094	NA	NA	1	NA
Transit															
2010	954	5,465	885	0	1,056	14,684	1,383	NA	0	7,183	5,435	409	7,860	967	NA
2011	794	3,856	646	0	841	11,438	NA	NA	0	7,737	4,269	144	17	NA	NA
2012	844	4,927	730	0	884	12,660	1,146	NA	NA	NA	3,000	892	45	908	NA
2013	1,005	4,970	724	0	938	12,849	1,069	NA	0	NA	2,491	NA	NA	941	NA

NA: not available

Source: UNECE

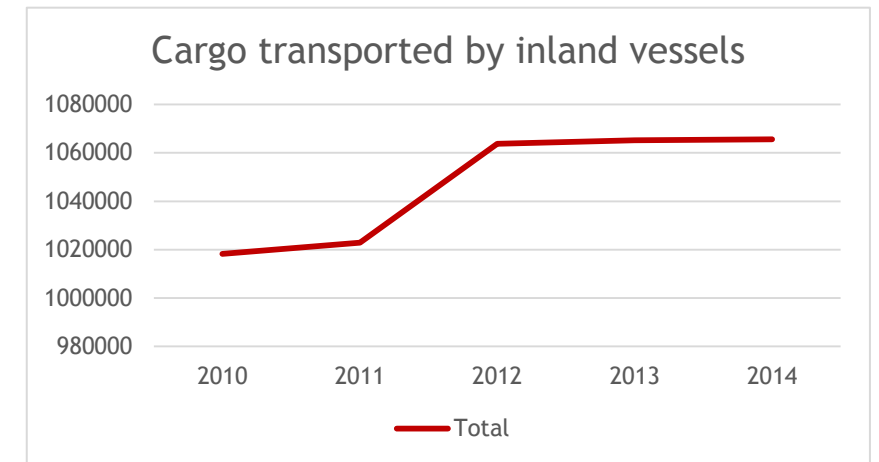




IWT performance in the UNECE region

Cargo transported in some of UNECE countries in thousands tons in 2010 - 2014

Country	2010	2011	2012	2013	2014
Belgium	161594	172906	190288	187404	190303
Bulgaria	18372	14448	16378	16726	16919
Czech Republic	833	911	838	608	802
Germany	229607	221966	223170	226864	228489
France	72632	68434	68568	68721	65345
Croatia	6928	5184	5934	5823	5377
Luxembourg	10467	8956	8506	8987	8390
Hungary	9952	7175	8135	7857	7825
Netherlands	346901	345469	350069	356062	366626
Austria	11052	9943	10714	10710	10122
Poland	2820	3143	2574	3185	5899
Romania	32088	29396	27946	26858	27834
Russian Federation	104849.1	126703.5	142377.8	137253.1	124596.8
Slovakia	10103	8211	8242	8107	7010



Sources: UNECE, Eurostat, Rosstat

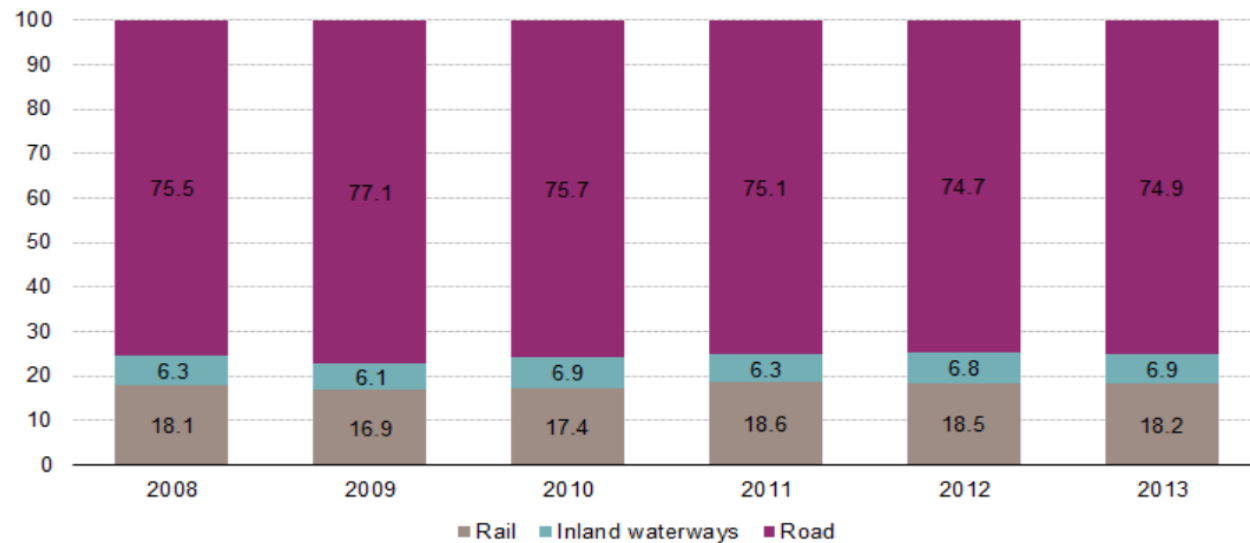




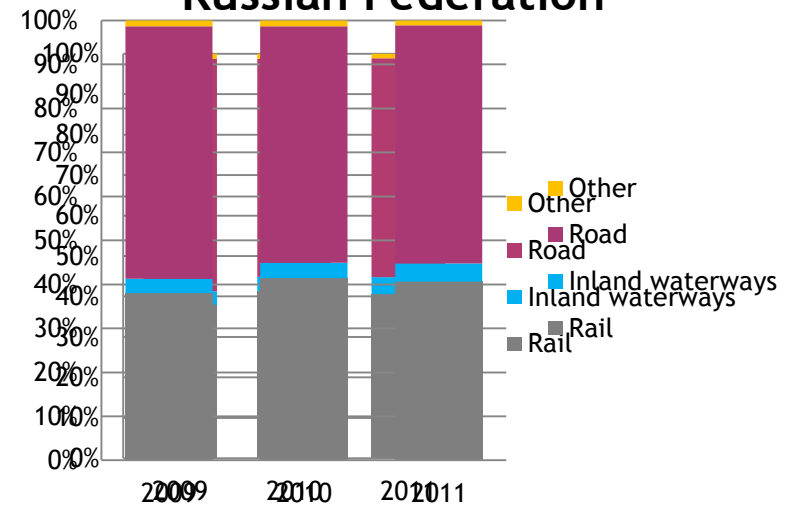
Freight transport in the modal split of inland transport modes

Modal split calculated on the basis of transport performance, measured in tonne-kilometres, of five transport modes: road, rail, inland waterways, air and maritime. When adding intra-EU air and maritime transport to the inland modes, it appears that road still keeps its leading position and is followed by maritime transport

EU - 28 countries (total)



Russian Federation
Russian Federation



(*) EU aggregates contain estimated data for rail for 2012-2013 (BE, LU), inland waterways for 2008 (BG,RO) and exclude road freight transport for MT (negligible).

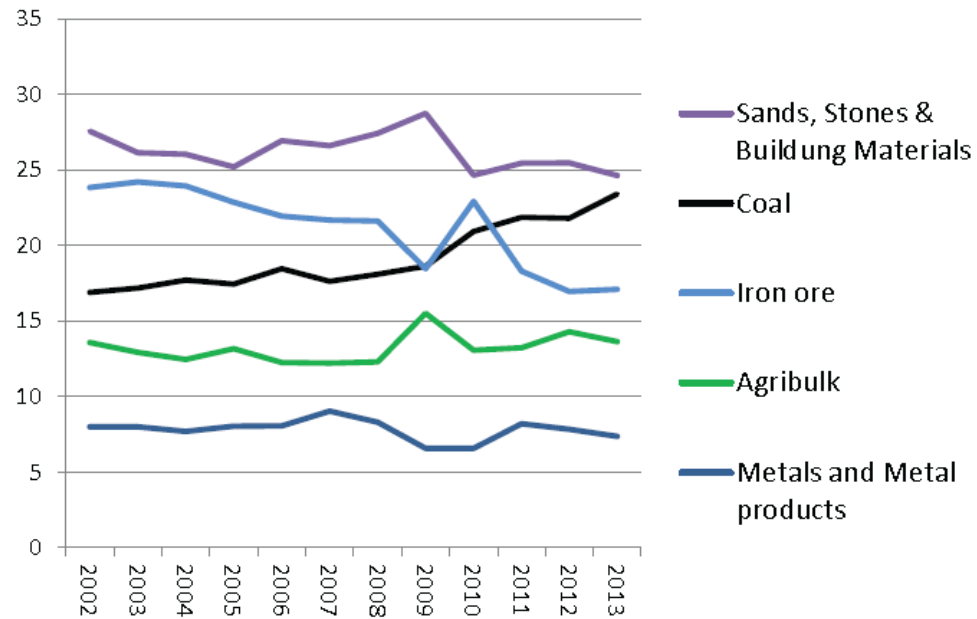
Sources: UNECE, Eurostat, Rosstat





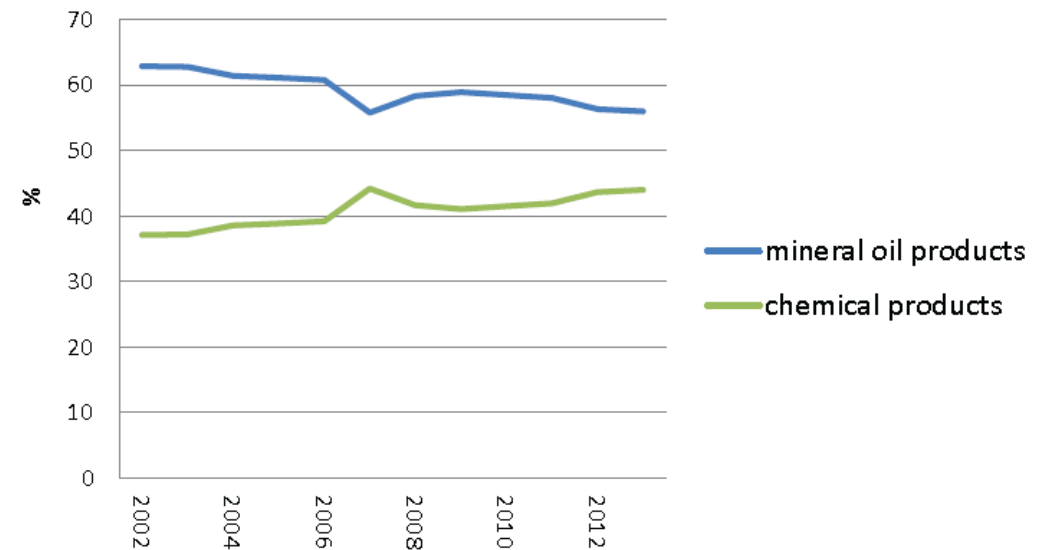
Shares of individual goods segments in the inland shipping sector

Shares of individual goods segments in total dry shipping sector transport volume on the Rhine (2002-2013)



Source: CCNR calculation

Shares of chemical products and mineral oil products in total tanker shipping sector transport volume on the Rhine (2002-2013)



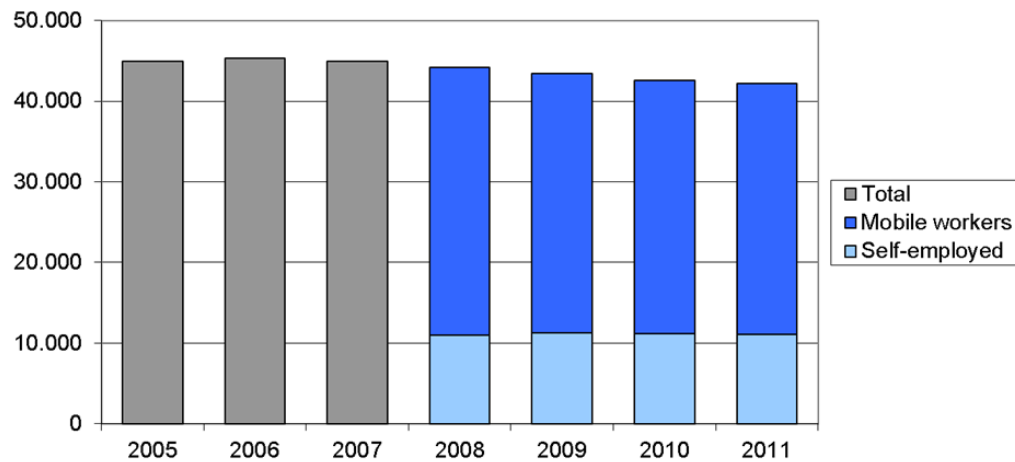
Source: CCNR calculation





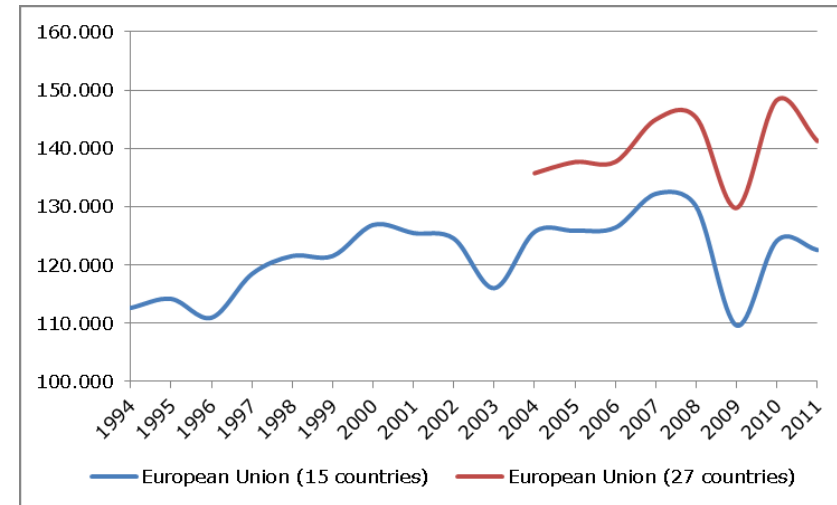
Inland navigation labour market in the UNECE region

Structure of the IWT labour market



Fluctuation in transport performance:

general trend of decrease due to impact of global economic crisis



Conclusions

- Overall, fragmented regulation with some remarkable harmonization improvements, but still quite large amount of disparities
- Many elements with complicated consequences on working conditions; economic crisis, worker mobility increase trend, increase in vessel size, open registries, manning agencies, enforcement in irregular manner
- Decent work for all inland navigation personnel

Source: ILO





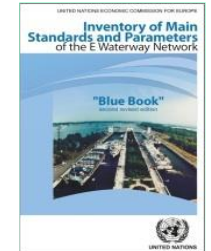
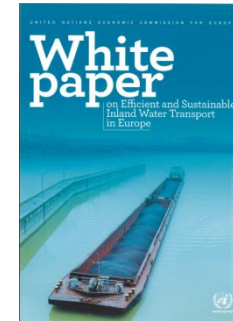
IWT Policy in the UNECE region

The White Paper on Efficient Inland Water Transport in Europe establishes seven priority areas and Policy Recommendations:

- Make full use of pan-European mechanisms to coordinate the development of the E waterway network
- Coordinate and support measures to modernize the inland water fleet at the pan-European level
- Promote the use of River Information Service (RIS) and other information communication technologies
- Respond effectively to new market requirements
- Address the labour market challenge at the pan-European level
- Tackle environmental challenges and the carbon footprint
- Reinforce the institutional and regulatory framework at pan-European level

NAIADES-II package "Towards quality inland waterway transport" of EU

Transport strategies of UNECE member States



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Inland Waterways - Promoting efficiency & sustainability

AGENDA

- 5th edition of CEVNI
- Revision of the Blue Book
 - Harmonization of technical standards
 - Mutual recognition of boatmasters' certificates
 - Development of River Information Services



CHALLENGES

- New labour market
- Climate changes
- Facilitating intermodality
- Ageing of the inland fleet
- Ensuring security of inland navigation



PRIORITIES

- Raising the status of UNECE documents
- Policy dialogue on inland water transport in Europe
 - Sustainable Development Goals
 - Lowering gas and noise emissions



Future



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