



# Sea-river transport statistics

*EUROSTAT- Unit E3 - Transport Statistics*

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# Sea- river transport- Legal framework

*Article 2 of the maritime transport Directive 2009/42 defines maritime transport as:*

- movement of goods and passengers using **seagoing vessels**, on voyages which are undertaken **wholly or partly at sea**

*Article 3 and Annex II of the inland waterways Regulation 425/2007 defines IWW transport as:*

- movement of goods and/or passengers using **inland waterways vessels** which is undertaken **wholly or partly in navigable inland waterways**
- movement of goods and/or passengers using **seagoing vessels** undertaken **wholly on inland waterways**

# Reporting sea-river transport

- *ESTAT does not have a dedicated collection for sea-river transport; Methodology for reporting this transport was discussed during several WG in both maritime and inland waterways*
- *First ESTAT recommendation (2015)- report „by the type of water“*
- *According to regulation, countries would be entitled to report sea-river transport in both maritime and IWW statistics- volume is negligible*
  - ***Estimation of ~ 0.2% of total IWW transport in 2018***
- *Double reporting = double counting*
  - ***Can be excluded in most of the cases***
  - ***Small volumes = acceptable error margin***

## Belgium-Loading country (international)

Code	Label	Tonnes	
AT	Osterreich	191 100	
CH	Switzerland – Unknown	157 488	
CY	Cyprus	1 989	Only possible by sea
CZ	Czechia	1 446	
DE	Deutschland	15 313 392	
DK	Denmark	18 828	No inland waterways in this country - Only possible by sea
EE	Estonia	82 171	No inland waterways in this country - Only possible by sea
EL	Greece	7 920	No inland waterways in this country - Only possible by sea
ES	Spain	301 480	Only possible by sea
FI	Finland	14 959	Only possible by sea
FR	France	7 386 576	
HU	Magyarország	11 729	
IE	Ireland	12 902	Only possible by sea
LU	Luxembourg (Grand-Duché)	83 157	
LV	Latvia	43 554	Only possible by sea
MA	Morocco	129 670	Only possible by sea
NL	Nederland	53 279 677	
NO	Norway	136 923	Only possible by sea
PL	Polska	2 868	
PT	Portugal	56 021	Only possible by sea
RO	Romania	360	
RS	Serbia	1 546	
SE	Sweden	27 409	Only possible by sea
SK	Slovenska Republika	1 240	
TR	Turkey	38 716	Only possible by sea
UK	United Kingdom	89 480	Only possible by sea
ZZ	Unknown	3 545 573	
	<b>Total</b>	<b>80 938 172</b>	

962 021

## Belgium-Unloading country (international)

Code	Label	Tonnes	
AT	Osterreich	53 515	
CH	Switzerland - Unknown	381 220	
CZ	Czechia	1 330	
DE	Deutschland	13 570 276	
DK	Denmark	6 504	No inland waterways in this country - Only possible by sea
DZ	Algeria	2 871	Only possible by sea
ES	Spain	132 031	Only possible by sea
FI	Finland	1 692	Only possible by sea
FR	France	4 859 381	
HR	Hrvatska	1 730	
HU	Magyarország	16 598	
IE	Ireland	6 470	Only possible by sea
LU	Luxembourg (Grand-Duché)	163 435	
MA	Morocco	2 338	Only possible by sea
NL	Nederland	39 207 023	
NO	Norway	2 420	Only possible by sea
PT	Portugal	21 091	Only possible by sea
RO	Romania	1 097	
RS	Serbia	1 273	
RU	Russia	2 497	
SE	Sweden	2 343	Only possible by sea
SK	Slovenska Republika	6 200	
TR	Turkey	3 300	Only possible by sea
UK	United Kingdom	366 368	Only possible by sea
ZZ	Unknown	1 919 527	
	<b>Total</b>	<b>60 732 529</b>	

547 428

		Transport of goods in tonnes		
		Total	Sea-river transport *	Share on total
EU-28	National	273 558 917	0	0,0%
	Loading countries	245 301 184	1 164 385	0,5%
	Unloading countries	256 435 179	1 050 943	0,4%
	Transit	111 684 659	0	0,0%
	<b>Total</b>	<b>886 979 940</b>	<b>2 215 327</b>	<b>0,2%</b>
BE	National	49 226 567	0	0,0%
	Loading countries	66 957 122	962 021	1,4%
	Unloading countries	60 732 529	547 428	0,9%
	Transit	13 884 502	0	0,0%
	<b>Total</b>	<b>190 800 720</b>	<b>1 509 448</b>	<b>0,8%</b>
BG	National	849 833	0	0,0%
	Loading countries	1 547 285	100	0,01%
	Unloading countries	1 150 098	0	0,0%
	Transit	11 914 855	0	0,0%
	<b>Total</b>	<b>15 462 071</b>	<b>100</b>	<b>0,001%</b>
DE	National	52 102 343	0	0,0%
	Loading countries	90 168 421	185 365	0,2%
	Unloading countries	44 252 923	487 584	1,1%
	Transit	11 380 124	0	0,0%
	<b>Total</b>	<b>197 903 811</b>	<b>672 949</b>	<b>0,3%</b>
FR	National	30 118 617	0	0,0%
	Loading countries	8 972 067	0	0,0%
	Unloading countries	14 795 473	6 665	0,05%
	Transit	5 696 193	0	0,0%
	<b>Total</b>	<b>59 582 350</b>	<b>6 665</b>	<b>0,01%</b>
HU	National	183 906	0	0,0%
	Loading countries	2 053 373	0	0,0%
	Unloading countries	2 410 761	1 446	0,1%
	Transit	2 278 385	0	0,0%
	<b>Total</b>	<b>6 926 424</b>	<b>1 446</b>	<b>0,02%</b>
NL	National	121 817 582	0	0,0%
	Loading countries	65 897 654	16 899	0,03%
	Unloading countries	125 238 705	7 820	0,01%
	Transit	46 435 538	0	0,0%
	<b>Total</b>	<b>359 389 479</b>	<b>24 719</b>	<b>0,01%</b>

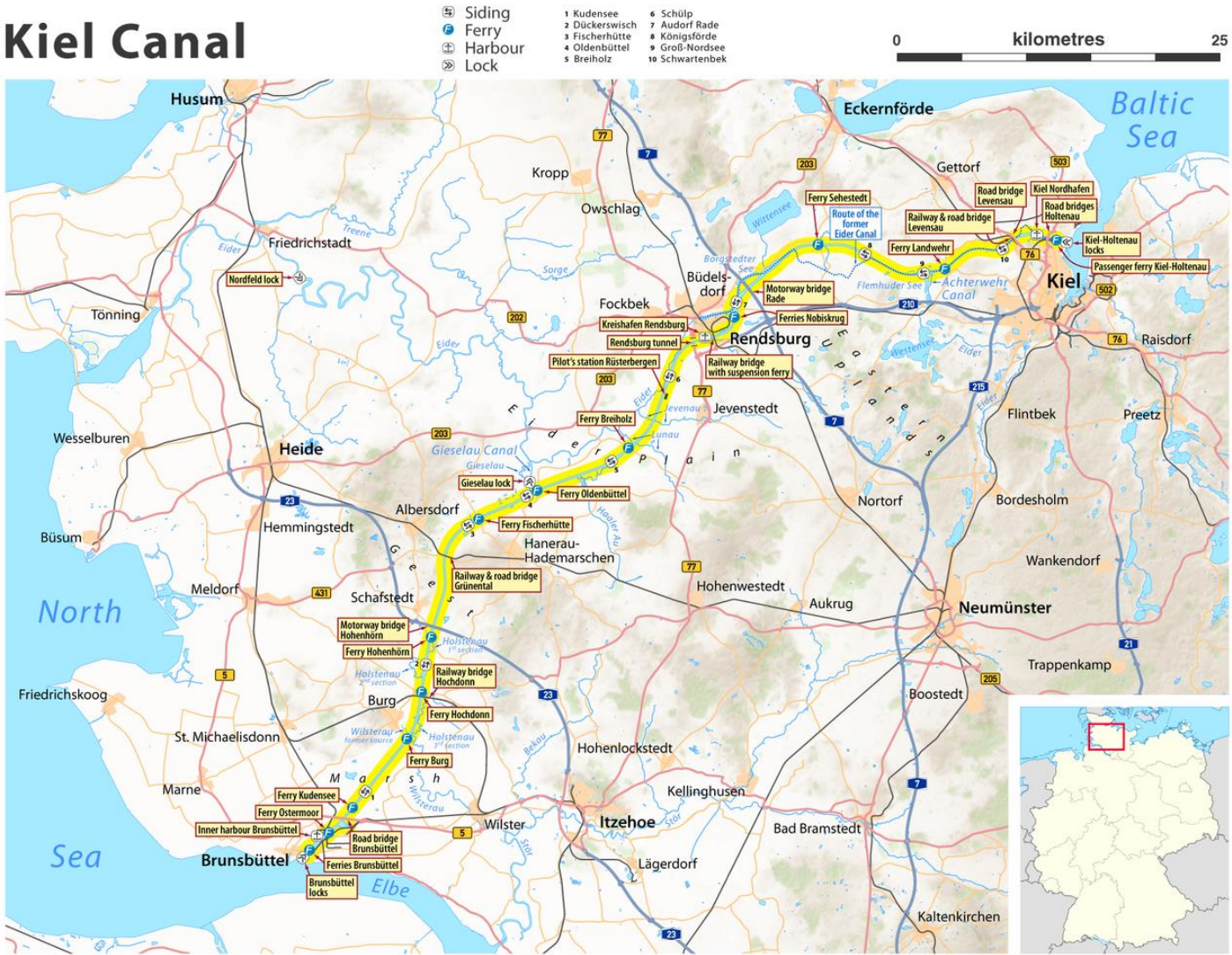
\* Transport to/from: DK, DZ, ES, FI, IE, IT, LV, MA, MT, NO, PT, SE, TR, UK

- the figures are calculated only for IWW data and not maritime data
- IWW - no port to port data
- notes from the countries:
  - RO, NL, BE report sea-river only in maritime statistics
  - NL& RO- type of vessel; DE- port of loading/unloading
  - DE does not report transit transport through Kiel Canal

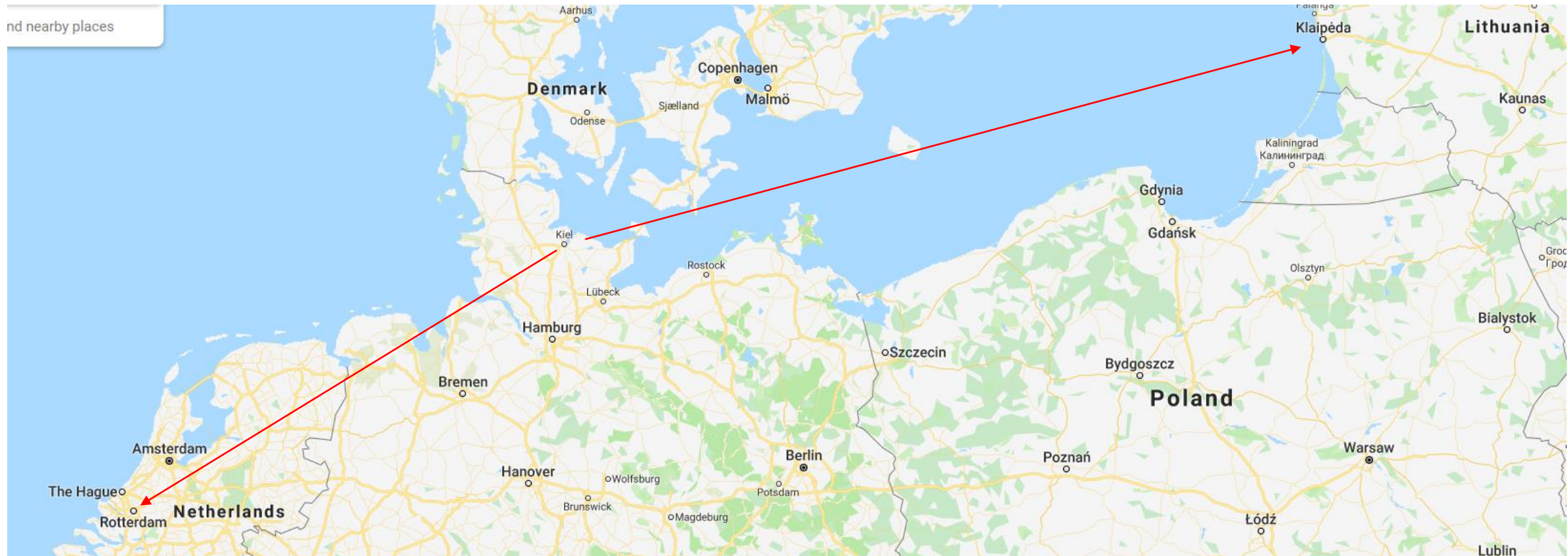
# Example 1. - Kiel Canal

# Kiel Canal will appear in both: maritime and IWW sets of statistics

## Kiel Canal



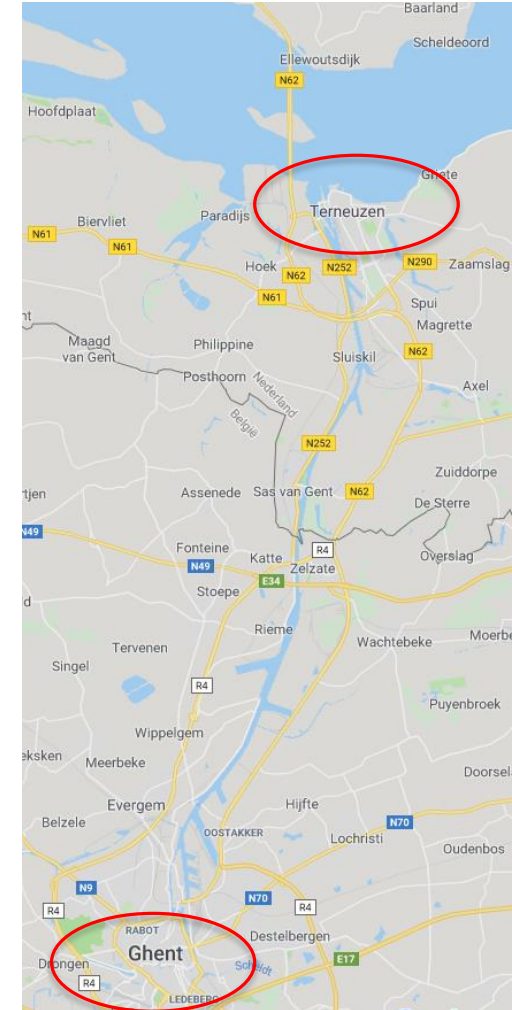
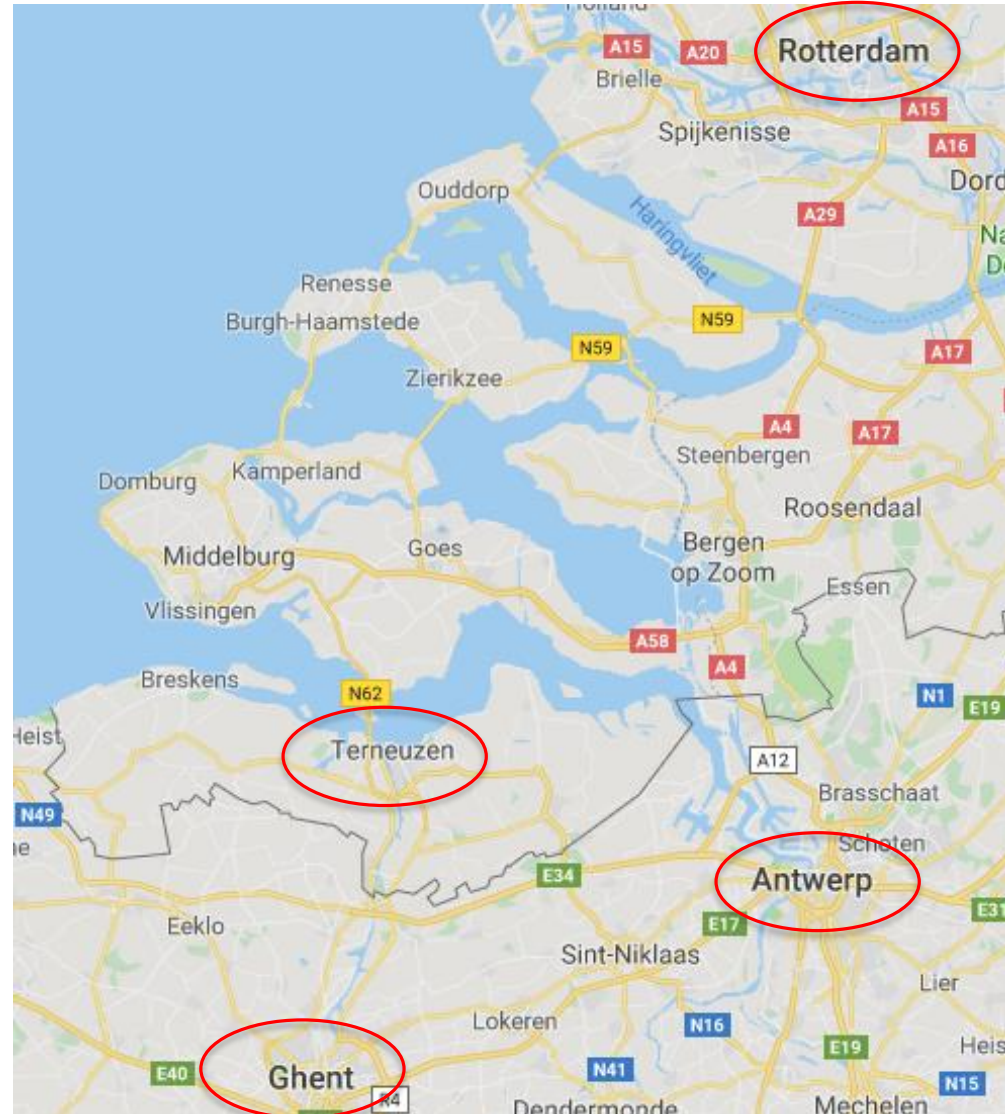
- *Lithuania (Klaipėda) will record this as maritime transport*
- *The Netherlands (Rotterdam) will record this as maritime transport*
- *Germany will the Kiel Canal leg as Inland Waterways transport*



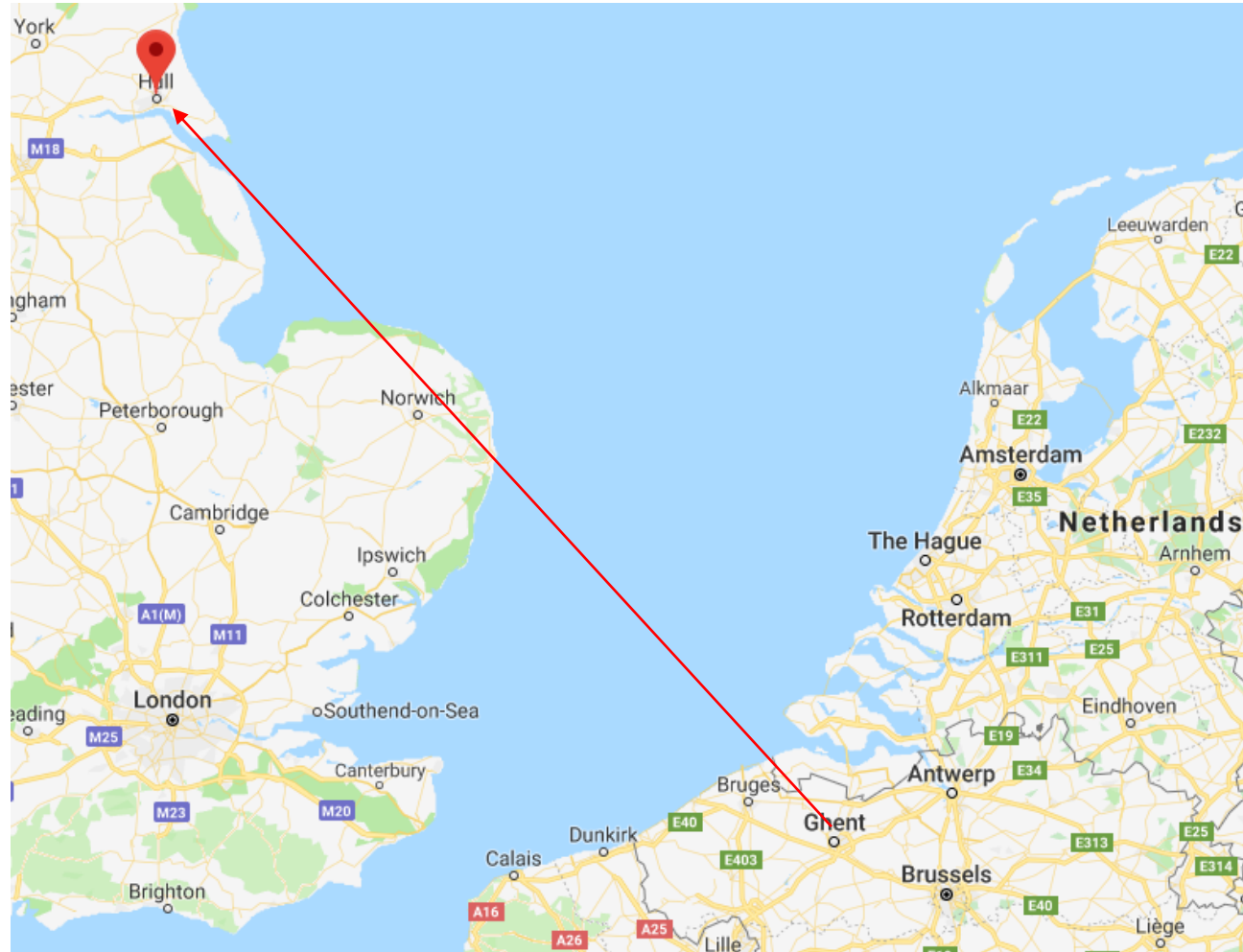


## **Example 2. - Ghent-Terneuzen Canal**

# *Terneuzen Canal will appear in both: maritime and IWW sets of statistics*



- *Belgium, Netherlands will record the leg between Ghent and the sea on the Ghent Terneuzen canal as Inland Waterways transport*
- *The UK (Hull) will record Gent-Hull as maritime transport*
- *Belgium should report the whole voyage to Hull as maritime transport*



# Final recommendations-ESTAT(since 2016)

- 1. sea-river transport performed by an IWW vessel should be reported in the IWW statistics and **not** in the maritime statistics*
- 2. sea-river transport performed by a seagoing vessel should be reported in the maritime transport statistics and **not** in the IWW statistics*

*Illustrated Glossary for Transport Statistics, 5<sup>th</sup> edition- EN, FR, DE*  
*(<https://ec.europa.eu/eurostat/web/products-manuals-and-guidelines/-/KS-GQ-19-004?inheritRedirect=true>)*

*What if type of vessel is unknown?*

**3.** *If type of vessel information is unavailable in the source data, related information (such as port of loading/ unloading) could be used to determine whether the sea-river transport is likely to be carried out by IWW or seagoing vessels*

**4.** *If necessary*

- **In order to compile relevant and coherent IWW statistics on national level specific cases of sea-river transport performed by seagoing vessels could be included in both the maritime and the IWW data reported to Eurostat**
- **However, any such deviations from the main recommendations in points 1 and 2 should be clearly communicated to Eurostat in order to be specified in the metadata of the IWW statistics**

# ***Kiel canal during Kiel Week***

