**Reinas – Donavas ūdensceļš** ( izziņas avots: wikipedia)

* **Reinas**-[Amsterdamas](http://lv.wikipedia.org/wiki/Amsterdama) kanāls izveidots no Amsterdamas ostas.
* **Reinas**-[Mainas](http://lv.wikipedia.org/wiki/Maina)-[Donavas](http://lv.wikipedia.org/wiki/Donava) kanāls izveido viscaur kuģojamu ūdensceļu no [Ziemeļjūras](http://lv.wikipedia.org/wiki/Zieme%C4%BCj%C5%ABra) līdz [Melnajai jūrai](http://lv.wikipedia.org/wiki/Meln%C4%81_j%C5%ABra). Pabeigts 1992.gadā.
* **Reinas** – Ronas kanāls

The **Dortmund–Ems Canal** is a 269 km long canal in [Germany](http://en.wikipedia.org/wiki/Germany) between the inland port of the city of [Dortmund](http://en.wikipedia.org/wiki/Dortmund) ([51°31′30″N 7°26′40″E](http://tools.wmflabs.org/geohack/geohack.php?pagename=Dortmund%E2%80%93Ems_Canal&params=51_31_30_N_7_26_40_E_)) and the sea port of [Emden](http://en.wikipedia.org/wiki/Emden). The artificial southern part of the canal ends after 215 km at the lock of [Herbrum](http://en.wikipedia.org/w/index.php?title=Herbrum&action=edit&redlink=1) near [Meppen](http://en.wikipedia.org/wiki/Meppen_%28Germany%29). From there, the route goes over a length of 45 km over the river [Ems](http://en.wikipedia.org/wiki/Ems_%28river%29) until the lock of [Oldersum](http://en.wikipedia.org/w/index.php?title=Oldersum&action=edit&redlink=1). There, the canal continues with a further artificial part of 9 km. This was made because the types of ships at the time of the construction of the canal were not built for open sea, at the [Dollart](http://en.wikipedia.org/wiki/Dollart) and the entry to the sea port of Emden. This part of the canal is connected to the [Ems-Jade Canal](http://en.wikipedia.org/w/index.php?title=Ems-Jade_Canal&action=edit&redlink=1) from [Emden](http://en.wikipedia.org/wiki/Emden) to [Wilhelmshaven](http://en.wikipedia.org/wiki/Wilhelmshaven).

The canal was opened in 1899. The reason for the construction of the canal was to lighten the load on the railways, which could not transport the products of the [Ruhr area](http://en.wikipedia.org/wiki/Ruhr_area). Also, the canal was supposed to make the coal from the Ruhr area more competitive, compared to the imported English coal. Furthermore, the steel industry in the eastern Ruhr area needed ores from abroad.

The canal was attacked numerous times during [World War II](http://en.wikipedia.org/wiki/World_War_II) due to its strategic importance.

The **Datteln-Hamm Canal** ([German](http://en.wikipedia.org/wiki/German_language): *Datteln-Hamm-Kanal*) is a [canal](http://en.wikipedia.org/wiki/Canal) in the [German](http://en.wikipedia.org/wiki/Germany) state of [North Rhine-Westphalia](http://en.wikipedia.org/wiki/North_Rhine-Westphalia). It links the [Dortmund-Ems Canal](http://en.wikipedia.org/wiki/Dortmund-Ems_Canal) at [Datteln](http://en.wikipedia.org/wiki/Datteln) to the city of [Hamm](http://en.wikipedia.org/wiki/Hamm).

The **Wesel–Datteln Canal** ([German](http://en.wikipedia.org/wiki/German_language): ***Wesel-Datteln-Kanal***) is a 60 km long [canal](http://en.wikipedia.org/wiki/Canal) in [North Rhine-Westphalia](http://en.wikipedia.org/wiki/North_Rhine-Westphalia), [Germany](http://en.wikipedia.org/wiki/Germany). It runs along the northern edge of the [Ruhr Area](http://en.wikipedia.org/wiki/Ruhr_Area), from the [Rhine](http://en.wikipedia.org/wiki/Rhine) near [Wesel](http://en.wikipedia.org/wiki/Wesel) ([51°38′21″N 6°36′25″E](http://tools.wmflabs.org/geohack/geohack.php?pagename=Wesel%E2%80%93Datteln_Canal&params=51_38_21_N_6_36_25_E_)) to the [Dortmund-Ems Canal](http://en.wikipedia.org/wiki/Dortmund-Ems_Canal) near [Datteln](http://en.wikipedia.org/wiki/Datteln) ([51°39′45″N 7°21′58″E](http://tools.wmflabs.org/geohack/geohack.php?pagename=Wesel%E2%80%93Datteln_Canal&params=51_39_45_N_7_21_58_E_)). It forms an important transport connection between the Lower Rhine and northern and eastern Germany, together with the parallel [Rhine-Herne Canal](http://en.wikipedia.org/wiki/Rhine-Herne_Canal).

The **Rhine–Herne Canal** ([German](http://en.wikipedia.org/wiki/German_language): ***Rhein-Herne-Kanal***) is a 45.6-kilometre (28.3 mi) long transportation canal in the [Ruhr](http://en.wikipedia.org/wiki/Ruhrgebiet) area of [North Rhine-Westphalia](http://en.wikipedia.org/wiki/North_Rhine-Westphalia), [Germany](http://en.wikipedia.org/wiki/Germany), with five [canal locks](http://en.wikipedia.org/wiki/Canal_lock). The [canal](http://en.wikipedia.org/wiki/Canal) was built over a period of eight years (5 April 1906 - 14 July 1914) and connects the harbour in [Duisburg](http://en.wikipedia.org/wiki/Duisburg) on the [Rhine](http://en.wikipedia.org/wiki/Rhine) ([51°26′59″N 6°46′1″E](http://tools.wmflabs.org/geohack/geohack.php?pagename=Rhine%E2%80%93Herne_Canal&params=51_26_59_N_6_46_1_E_)) with the [Dortmund-Ems Canal](http://en.wikipedia.org/wiki/Dortmund-Ems_Canal) near [Henrichenburg](http://en.wikipedia.org/wiki/Castrop-Rauxel) ([51°37′1″N 7°19′19″E](http://tools.wmflabs.org/geohack/geohack.php?pagename=Rhine%E2%80%93Herne_Canal&params=51_37_1_N_7_19_19_E_)), following the valley of the [Emscher](http://en.wikipedia.org/wiki/Emscher). It was widened in the 1980s. The Rhein-Herne canal ship was designed specifically for this canal; normally of about 1300–1350 ton capacity, it has a maximum draft of 2.50 metres, a length of approximately 80 metres, and maximum beam of 9.50 metres.

Tā kā Donava ir ē**rts ūdensceļš, kas** savieno ne tikai dalībvalstis, un tā kopā ar Mainas kanālu un Reinu savieno Ziemeļjūru ar Melno jūru, kā arī spēj nostiprināt Melnās jūras reģiona ģeostratēģisko pozīciju

Kuģoja**mais ūdensceļš, ko** veido Reina, Mainas kanāls un Donava, samazina attālumu starp ziemeļrietumu Eiropu un dienvidaustrumu Eiropu par 4000 km.

kuģojams iekšē**jais ūdensceļš” i**r ūdenstilpne, kas nav jūras daļaun kura dabīgu vai cilvēka veidotu iezīmju dēļ ir piemērota kuģošanai galvenokārt iekšējo ūdensceļukuģiem

Šā makroreģiona pamatā ir tā galvenā upe, kas Eiropai ir īpaši svar**īgs ūdensceļš**.

Reinas-Mainas-Donavas transp**orta ūdensceļš, kas** savieno Ziemeļjūru (Roterdamas osta) un Melno jūru (Konstantas osta), var kļūt par Eiropas mugurkaulu.