

# Oresund, a bridge between Denmark and Sweden

Sentinel-1 CSAR IW acquired on 18 March 2018 at 05:24:27 UTC

Sentinel-2 MSI acquired on 18 March 2018 at 10:20:19 UTC

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[2D Layerstack](#)

Fig. 1 - S2 (02.01.2019) - The Sound bridge-tunnel connects the road & rail networks of Sweden & Denmark across the 15km wide strait. [2D view](#)



Oresund Strait formed only ~8000 years ago as a result of rising sea levels after the ice age, it connected the North Sea to a large fresh water lake.

Fig. 2 - Centre of Copenhagen. At west, the 4km Drogden tunnel reaches Amager island on which lies a part of the Danish capital. [2D view](#)





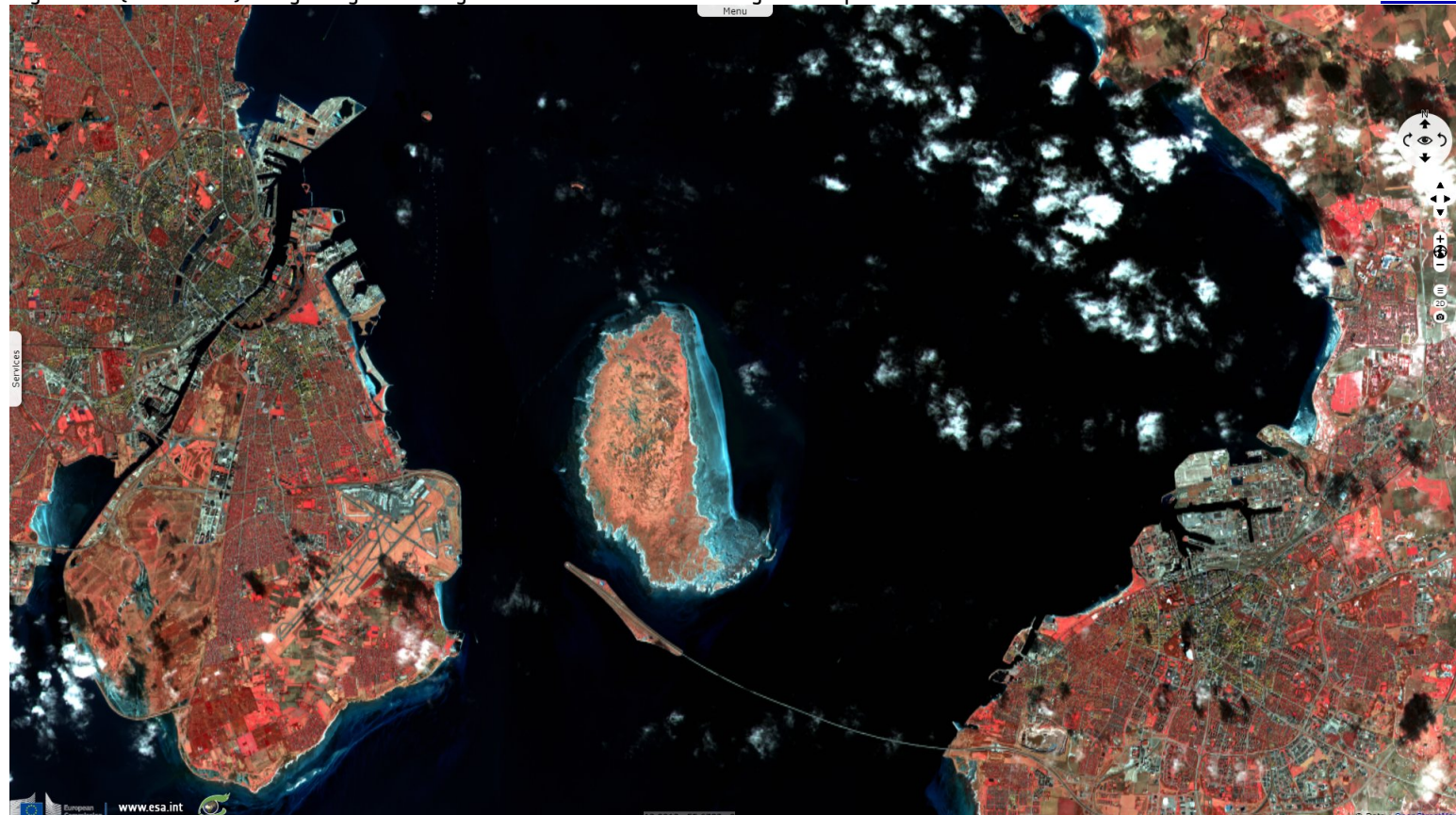
Fig. 3 - S1 (29.05.2018) - At east, Malmo and its suburb. It is linked to Peberholm island by the 8km bridge.

[3D view](#)



Fig. 4 - S2 (18.03.2018) - Beginning of freezing east of Saltholm island during a cold spell.

[3D view](#)

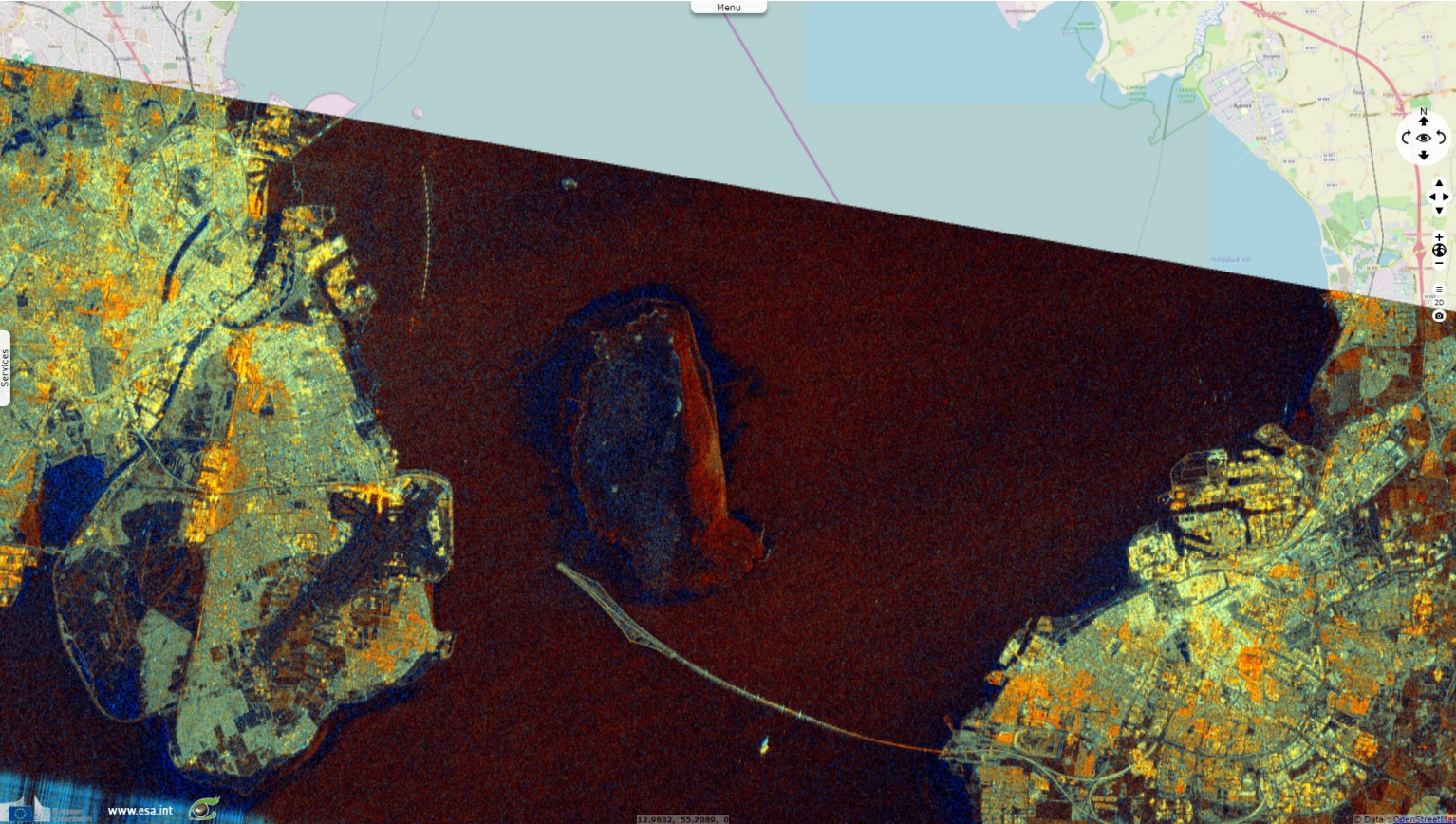


Construction began in 1995, with the bridge opening to traffic on 1 July 2000. The tunnel was built to avoid interfering with air traffic from Copenhagen Kastrup Airport, to provide a clear channel for tall ships no matter the weather, and to prevent ice floes from blocking the strait by aggregating along the bridge piers















Fig. 5 - S1 (18.03.2018) - It now allows around 19 millions passager crossings yearly, of which two-thirds by train.

[3D view](#)



The 4km long artificial island Peberholm in the middle of the strait connects the brige to the tunnel. It was built to protect the biodiversity of Saltholm island located just north from the nuisance caused by the traffic.

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