

Work on Baltic Sea tunnel gets go-ahead

The Danish parliament has approved the construction of the Fehmarn Belt Fixed Link, a planned 18km immersed tunnel which will reduce travel time between Denmark and Germany to just a few minutes

HOW TUNNEL WILL BE CONSTRUCTED

1 Fabrication: Reinforced concrete segments cast and joined in factory near Rodbyhavn, Denmark

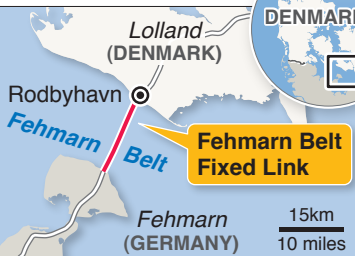
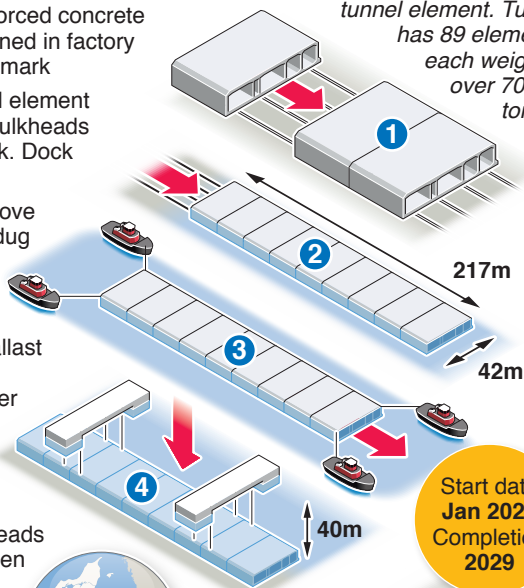
2 Launching: Tunnel element fitted with watertight bulkheads and moved to dry dock. Dock flooded with seawater

3 Transport: Tugs move element towards pre-dug trench on seabed

4 Immersion
Pontoons attached.
Water pumped into ballast tanks inside element.
Suspension wires lower element to seabed

5 Finishing
Elements joined with watertight seals.
Trench filled in. Bulkheads removed, joints between elements completed

Nine segments make up one tunnel element. Tunnel has 89 elements, each weighing over 70,000 tonnes



TUNNEL CROSS SECTION

