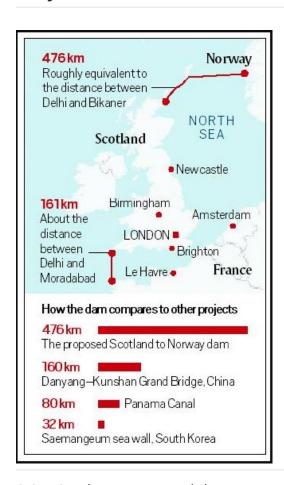


Northern European Enclosure Dam

drishtiias.com/printpdf/northern-european-enclosure-dam

Why in News



Scientists have proposed the construction of the **Northern European Enclosure Dam** (**NEED**) enclosing all of the North Sea to protect economic regions of 15 Northern European countries from <u>Sea-level Rise (SLR)</u> as a result of <u>climate change</u>.

Key Points

• The proposed NEED aims to construct two dams of a combined length of 637 km.

- The first between northern Scotland and western Norway (476 km) and the second between France and southwestern England (161 km).
- The project intends to separate the North and Baltic Seas from the Atlantic Ocean to protect Northern Europe against SLR.
- The project classifies the **solutions to SLR** into **three categories** namely, **taking no action**, **protection**, and **managed retreat** and categorises **NEED into the second category**.
- NEED is expected to have the **least direct impact** on people's daily lives and can be built at a **reasonable cost**.
- It can be implemented in other regions in the world including the Persian Gulf, the Mediterranean Sea, the Baltic Sea, the Irish Sea, and the Red Sea.

Source: IE