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## Northern European Enclosure Dam

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### 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 **Sea-level Rise (SLR)** as a result of **climate change**.

### 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**