

Project Waterworth

Why in News?

Meta introduced its internet subsea cable Project Waterworth recently.

- It is the **world's longest undersea cable system** Project that stretches over **50,000 km.**
- **Aim** - To predict and mitigate potential disruptions, enhancing the resilience of subsea networks.
- The cable will reach depths of **up to 7,000 meters** in deep waters.
- **Introduced by** - Meta, American multinational technology conglomerate.
- **Operational by** - 2030.
- **Connecting Regions** - The initiative will bring industry-leading connectivity to the US, India, Brazil, South Africa, and other key regions.
- **Features** - It will facilitate greater economic cooperation, digital inclusion, and open opportunities for technological development.
- It leverages advanced machine learning models like AI.
- It provides internet connectivity, linking countries and enabling local telecom operators to provide services to customers.
- It will deploy advanced routing techniques and innovative cable burial strategies to protect against damage in high-risk zones, such as shallow coastal waters.

References

1. [Business Today | Project Waterworth](#)
2. [The Indian Express | Project Waterworth](#)