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