



**KAMARAJ IAS ACADEMY**  
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# China's Mega-Dam on Yarlung Tsangpo (Medog Project)

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**Subject Reference:** GS Paper II (IR - India-China) | GS Paper I (Geography - Rivers)

- **The News (Dec 2025):** Construction has officially begun on the **60 GW Medog Dam** at the "Great Bend." It will be three times the size of the Three Gorges Dam.
- **Apt Topic: "Hydro-Hegemony and the 'Water Bomb' Theory"**
- **Geopolitics of the 'Great Bend':** The river drops 2,000 meters in a short stretch. China's control over this flow gives it "hydrological leverage" over India (Brahmaputra) and Bangladesh (Jamuna).
- **India's Counter-Strategy:** India is fast-tracking the **11 GW Upper Siang Project** in Arunachal Pradesh to create "storage capacity," allowing India to manage sudden water releases or diversions from China.

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