

## What is Eastern River Canal Project?

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### Hydropolitics in Desert State

**Eastern Rajasthan Canal Project** is all set to get Union Cabinet approval within this month

The ₹40,451-crore project will be done in 3 phases and is proposed to be completed in seven years

The project would address drinking water and irrigation demands of 13 districts of Rajasthan

It would mean more water for

Alwar

Bharatpur

Dausa

Jaipur

Ajmer

Tonk

Sawai Madhopur

Bundi

Kota

Bara

Jhalawar

Dholpur

Karoli

The work involves channelising Chambal river water that is getting wasted now

### About East Rajasthan Canal Project (ERCP):

- It is an ambitious **project of Rajasthan State** to harvest the excess water present in the rivers, especially in southern Rajasthan, and use that water for drinking and irrigation purposes in south-eastern Rajasthan, where there is scarcity.
- It envisages **intra-basin transfer of water within the Chambal Basin** by **utilising surplus monsoon water available in Kalisindh, Parvati, Mej, and Chakan sub-basins** and **diverting it into** water deficit sub-basins of **Banas, Gambhiri, Banganga, and Parbati** to **provide drinking and industrial water** to 13 districts of eastern Rajasthan.
- The project also envisages **irrigation** in about 2.82 lakh hectare area.

- The project will also **supply water to the Delhi-Mumbai Industrial Corridor** and take care of the flood and drought situation in the area.

#### **Key Facts about Chambal River:**

- It is a **tributary of the Yamuna** River in central India and thus forms part of the greater Gangetic drainage system.
  - **Course:**
    - **Origin:** It originates at the **Singar Chouri peak** on the northern slopes of the **Vindhya mountains**.
    - The river flows north-northeast through **Madhya Pradesh**, running for a time through **Rajasthan**, then **forms the boundary** between Rajasthan and Madhya Pradesh before turning southeast to **join the Yamuna in Uttar Pradesh**.
  - On its south, east, and west, the basin is **bounded by the Vindhyan mountain ranges** and on the northwest by the **Aravallis**.
  - The **Hadauti plateau in Rajasthan** occurs in the upper catchment of the Chambal River to the southeast of the Mewar Plains.
  - It is one of the most **pollution-free rivers** in India.
  - **Tributaries:** **Banas, Kali Sindh, Sipra, Parbati**, etc.
  - **Major Dams** on the River: **Gandhi Sagar Dam, Rana Pratap Sagar Dam, Jawahar Sagar Dam**.
  - The **National Chambal Sanctuary** is situated along the river Chambal on the tri-junction of Rajasthan, Madhya Pradesh, and Uttar Pradesh.
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#### **Q1: Which are the main tributaries of the Yamuna River?**

It has four main tributaries in the Himalayan region: Rishi Ganga, Hanuman Ganga, Tons and Giri. In the plains, the main tributaries are Hindon, Chambal, Sind, Betwa and Ken. Tons, being the major tributary, contributes to about 60 percent flow of the Yamuna.

**Source:** Rajasthan CM discusses Eastern Rajasthan Canal Project with Union Minister CR Paatil

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Source: <https://vajiramandravi.com/current-affairs/what-is-eastern-river-canal-project/>

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