Rogun Hydropower Plant

POWERING THE FUTURE OF TAJIKISTAN AND CAREC REGION

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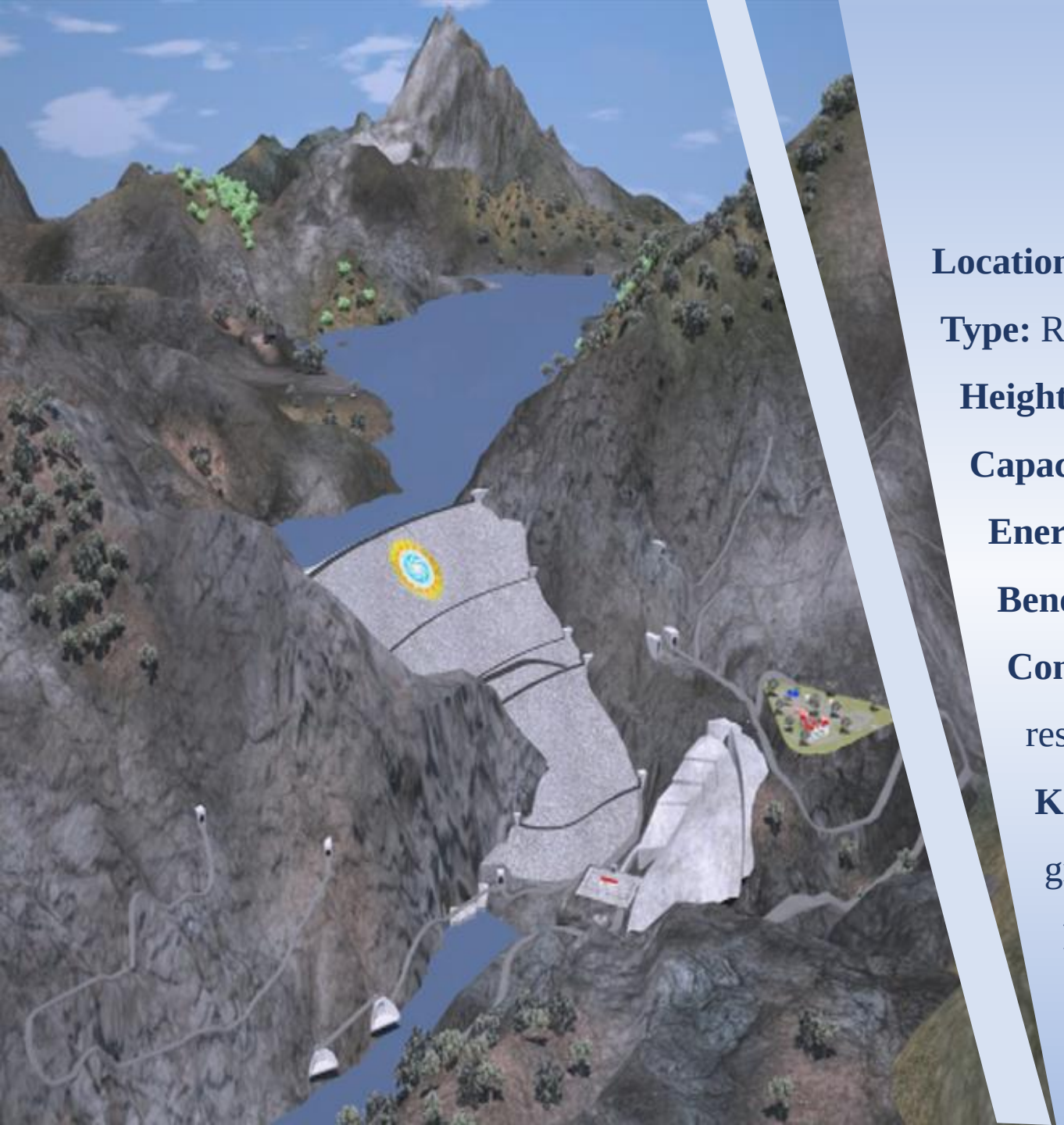
Office of the President of the Republic of Tajikistan

CAREC Senior Officials' Meeting
18 June 2025



Key Facts – Rogun Hydropower Project

Location: Vakhsh River, Tajikistan

Type: Rockfill dam with clay core

Height (planned): 335 meters – tallest dam in the world

Capacity (planned): ~3,780 MW (6 x 630)

Energy output: ~17 billion kWh annually

Beneficiaries: 20+ million people in Tajikistan and Central Asia

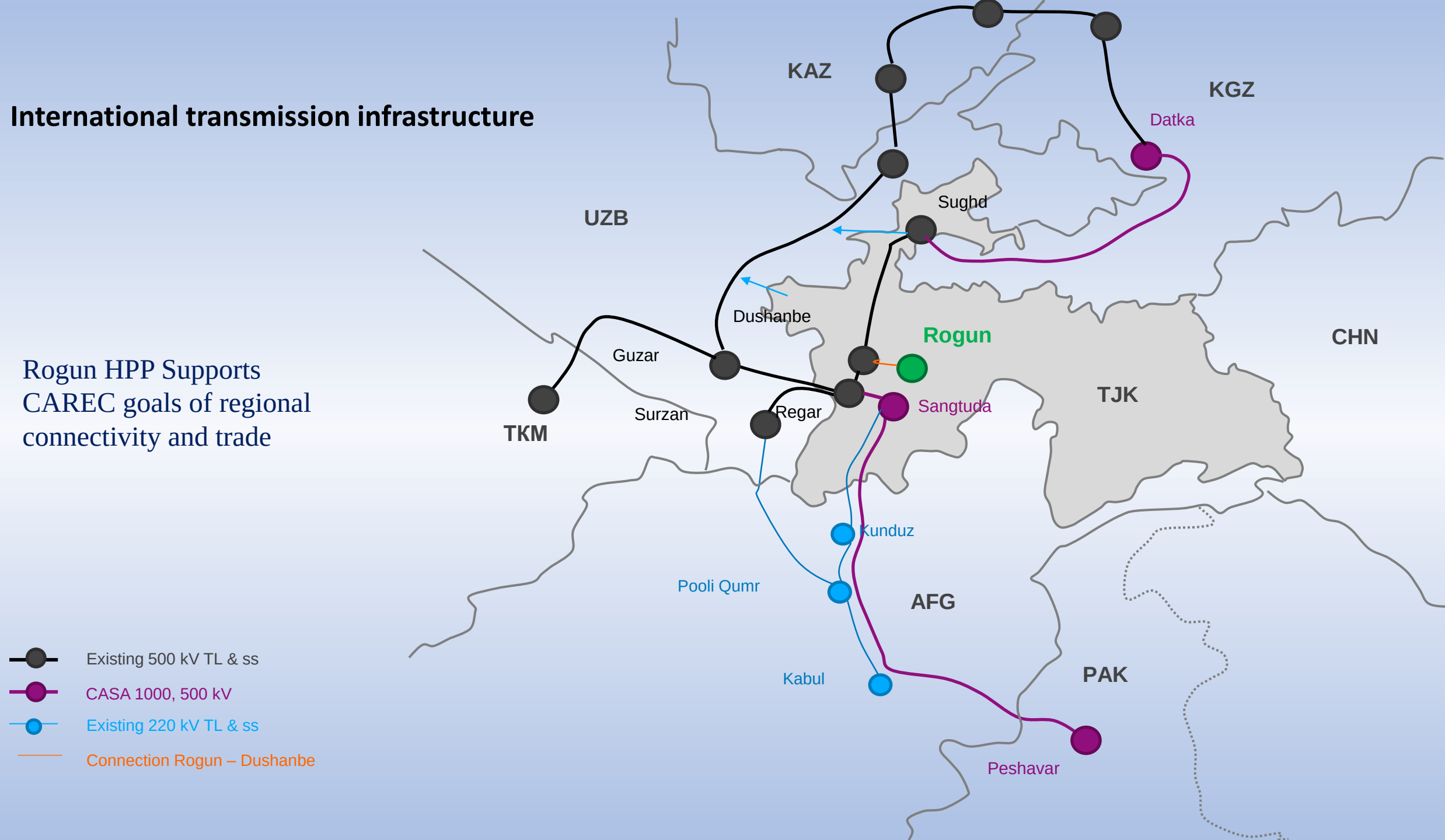
Construction timeline: Completion of dam by 2029; full reservoir by 2039

Key benefits: Clean energy, climate resilience, economic growth, water security

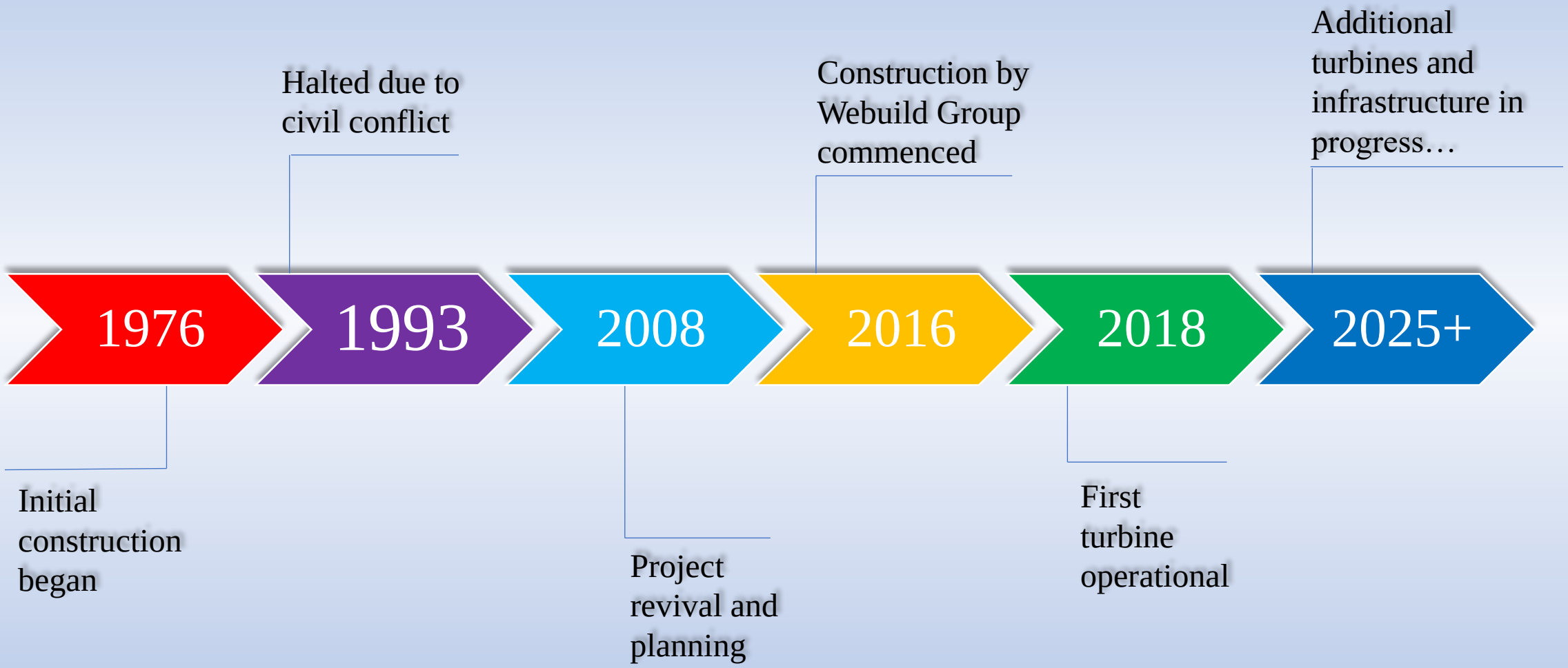
Funding: Includes state budget financing and support from international financial institutions

International transmission infrastructure

Rogun HPP Supports CAREC goals of regional connectivity and trade



Chronology of the Project



Progress of completed works at Rogun HPP Construktion

12,3%	Electromechanical Equipment	Lot 1
40,6%	Dam	Lot 2
12,9%	Right Bank Structures	Lot 3
99,9%	Lot 4 Preliminary Works	Lot 4
99,4%	Pre-contract Works	Pre

- Investments done up to May 2025: total equivalent of ~ 4.1 billion USD

Financial institutions that expressed interest in Financing Rogun HPP

- **World Bank (IDA):** Grant financing - US$ 650 mln. (Lot 1, Lot 1A, Lot 3A, PMC, TA, RAP&LMP)
- **AIIB:** Loan financing - US$ 500 mln. (Lot 1, Lot 1A&1B, Lot 3A)
- **ADB**: Grant and loan financing – US$ 500 mln. (Lot 3A)
- **EIB**: Loan financing (with EU guarantee) – EUR 550 mln. (Lot 3A)
- **Other Partners:** (IsDB, SFD, ADFD, KFAED, OPEC Fund): Loan financing – US$ 550 mln. (Lot 4)

Benefits of the Rogun HPP for Region

National and Regional Energy Impact

- Will provide **affordable, reliable, and sustainable electricity** to ~20+ million people.
- Helps **reduce dependence on fossil fuels** (currently 80% of Central Asia's electricity).
- **70% of energy output to be exported** (PPAs have already been sighed with Kazakhstan and Uzbekistan).
- Estimated to reduce **CO_2 by 22 mln. tCO_2 emissions over 2022-2040** and **alleviate energy shortages** in the region.
- Supports **balancing of intermittent renewables** (e.g., solar, wind).
- Advances **net-zero emission goals** for Central Asia.

Existing water-sharing rights in the region

- Respects **regional water-sharing agreements**
- No significant downstream impact (confirmed by ESIAs)
- Commitments included in **Financing Agreements** and **monitored**
- Based on **1992 Almaty Agreement** (ICWC oversight)
- **Reservoir to fill gradually** (2033–2039) in line with allocations
- No harm to **Afghanistan**; flows to Turkmenistan protected
- **Joint operation** with Nurek dam preserves seasonal flows
- Helps manage **droughts** via stored water release


Thank you!