Scaling Urban Climate Resilience

Prelims: *Current events of national and international importance | Environment*

Why in News?

Recently, an event titled Scaling Urban Climate Resilience: The CapaCITIES Legacy and Way Forward was held in New Delhi.

CapaCITIES (Capacity Building Project on Low Carbon and Climate Resilient City Development)

- It is a bilateral climate initiative designed to help urban local bodies integrate low-carbon and climate-resilient strategies into their governance.
- **Launched in –** 2016
- **Funded by –** Embassy of Switzerland to India and Bhutan
- **Objective –** Strengthen local capabilities to align urban climate action with **India's 2070 Net-Zero target**.
- **Implemented by** – A collaborative partnership involving International Council for Local Environmental Initiatives (ICLEI) South Asia, South Pole and econcept, and the National Institute of Urban Affairs (NIUA).

Programme Highlights

- **Mainstreaming Climate Action –** Integrating climate considerations directly into urban planning systems.
- **Mobilizing Capital –** Utilizing innovative financing models to fund modern, sustainable infrastructure.

Launch of 3 CapaCITIES Knowledge Products

- **Net-Zero Climate Resilient Cities Methodology Toolkit –** It guides cities step-by-step to create and implement Climate Resilient Net-Zero Action Plans (CRCAPs).
- **Energy Transition Guidebook for Urban Local Bodies (ULBs) –**

Practical guide for city officials to speed up adoption of clean energy, efficiency, and low-carbon technologies in operations.

- **White Paper on Financing Low-Carbon Urban Pathways –** Focuses on mobilizing innovative capital and unlocking investments to modernize urban infrastructure and fund city-led climate projects.

Impact Over the Decade

- **Net-Zero Planning –** Developed Climate Resilient City Action Plans (CRCAPs) in 8 cities across 4 states.
- **Institutional Governance –** Permanent Net-Zero and Climate Action Cells established in 6 project cities.
- **On-Ground Solutions –**solar e-bus charging station, 154 kWp floating solar plant, Green Mobility Zone with 100 subsidized e-autos, lake restoration, early flood warning system, Miyawaki urban forestry in Vadodara.
- **Regional Scale-Up –** Extended frameworks to Bhutan, Bangladesh, Sri Lanka, Malaysia.

Reference

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