

## UNFCCC COP-28 (Part-1)

### Why in news?

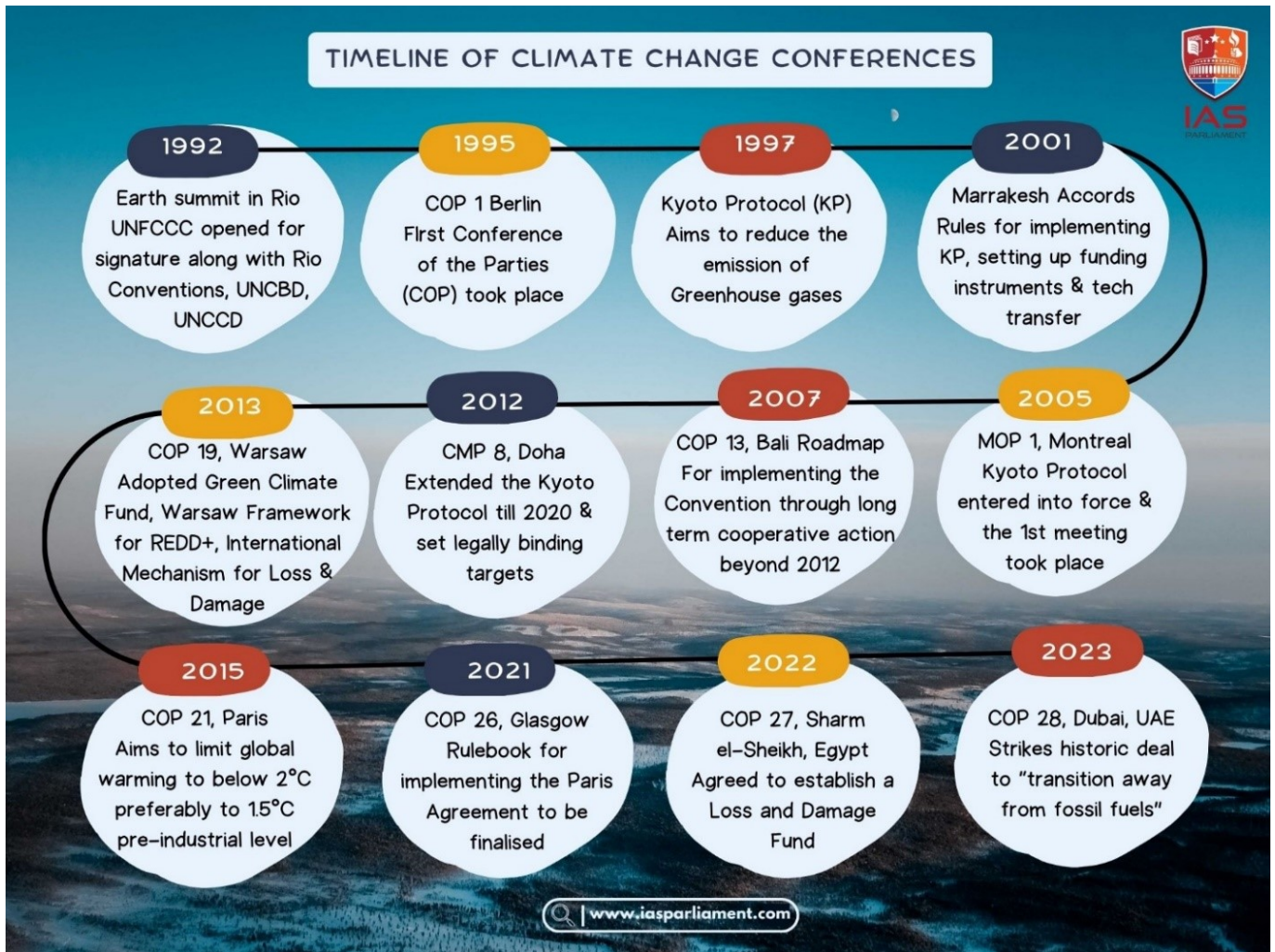
The Conference of Parties (COP-28) has been recently concluded in Dubai, United Arab Emirates (UAE) with the adoption of UAE Consensus.

#### Status of Greenhouse Gas (GHG) Emissions

- G20 countries represent **around 75%** of global GHG emissions.
- The US, the UK and the EU are considered to be responsible for **50%** of all emissions.
- India is responsible for **only 4%** of historical emissions.
- China, the world's biggest emitter in the last 15 years, is responsible for **30%** of global emissions every year.

### What is COP all about?

- The COP is the *main decision-making body* of the United Nations Framework Convention on Climate Change (UNFCCC).
- It brings together the **198 Parties** (including the European Union) to negotiate and agree on how to tackle climate change, reduce emissions and limit global warming.
- The inaugural gathering took place in **Berlin**, Germany, in 1995.
- The COP secretariat is headquartered in **Bonn**.
- The COP Presidency rotates among the *5 recognized UN regions* - Africa, Asia, Latin America and the Caribbean, Central and Eastern Europe and Western Europe and others.
- COPs (28) are organized into 2 distinctive areas.
  - **The Blue Zone** - A UNFCCC-managed site that is only open to UN-accredited participants.
  - **The Green Zone** - Managed and delivered by the COP28 UAE Presidency, and is open to everyone.
- To know more about COP-27, click here: [Part - I](#) & [Part - II](#)



## What about COP28?

- **Host of COP28 - Dubai, The UAE**

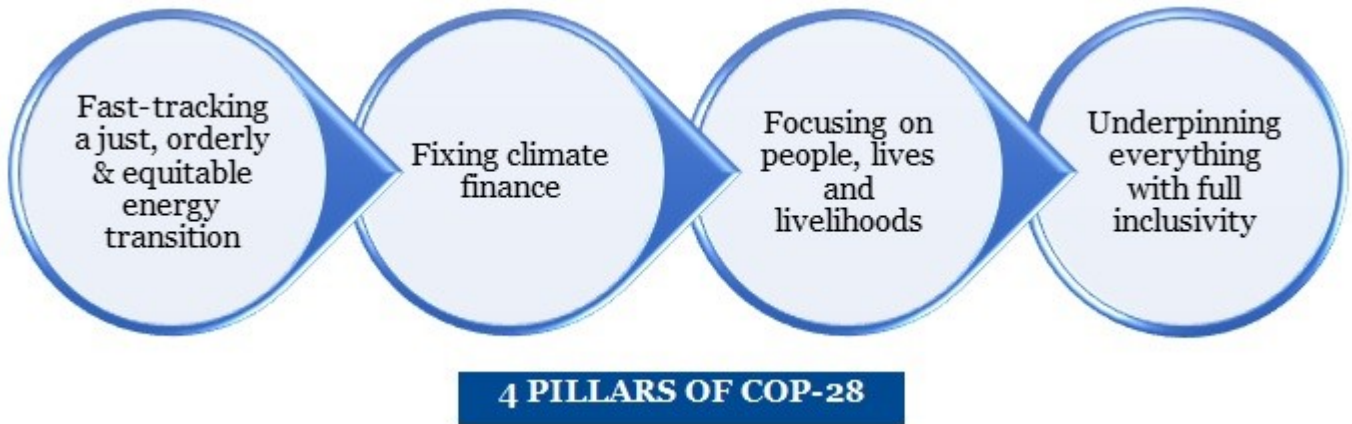
### UNFCCC

- The UNFCCC was formed in **1994** to stabilize GHG emissions and to protect the earth from the threat of climate change.
- The participants at COPs are signatories to UNFCCC and have been meeting every year since 1995.
- At present, the UNFCCC has **198 members**.
- It is one of the 3 Rio Conventions which includes Convention on Biological Diversity (CBD), Convention to Combat Desertification (UNCCD).

- It appointed the chief executive of the state-owned oil company, **Sultan al-Jaber**, as COP28 president.
- The UAE is one of the world's top 10 oil-producing nations.
- **US President Joe Biden** and **China's Xi Jinping** did not attend the event, but both countries were represented.
- **4 themes** - The 4 crosscutting themes are technology & innovation, inclusion, frontline communities and finance.

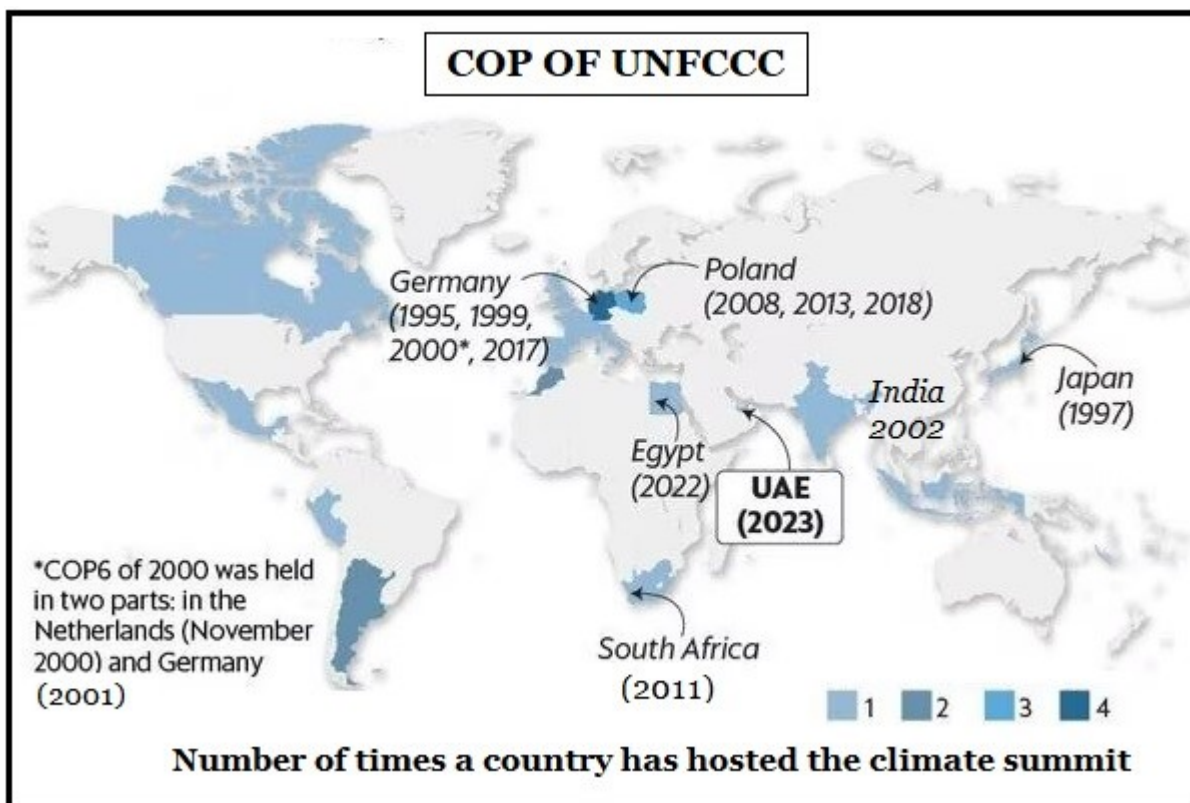
- It also focuses on the progress towards the existing **Paris goal** of limiting the global average temperature rise to well below 2°C above pre-industrial levels, and pursue efforts to limit it to 1.5°C.

*Paris Agreement is a **legally binding** international treaty on climate change that was launched in 2015 and was adopted by 196 countries.*



### Meetings at 2023 UN Climate Change Conference, Dubai - It includes

- 28<sup>th</sup> session of the Conference of the Parties (COP 28)
- 5<sup>th</sup> session of the decision-making body of the Paris Agreement (CMA 5)
- 18<sup>th</sup> session of the decision-making body of the Kyoto Protocol (CMP 18)
- **The World Climate Action Summit (WCAS)** - It was held during the COP 28 where world leaders presented their progress and ambitions, providing guidance for the remainder of the COP.



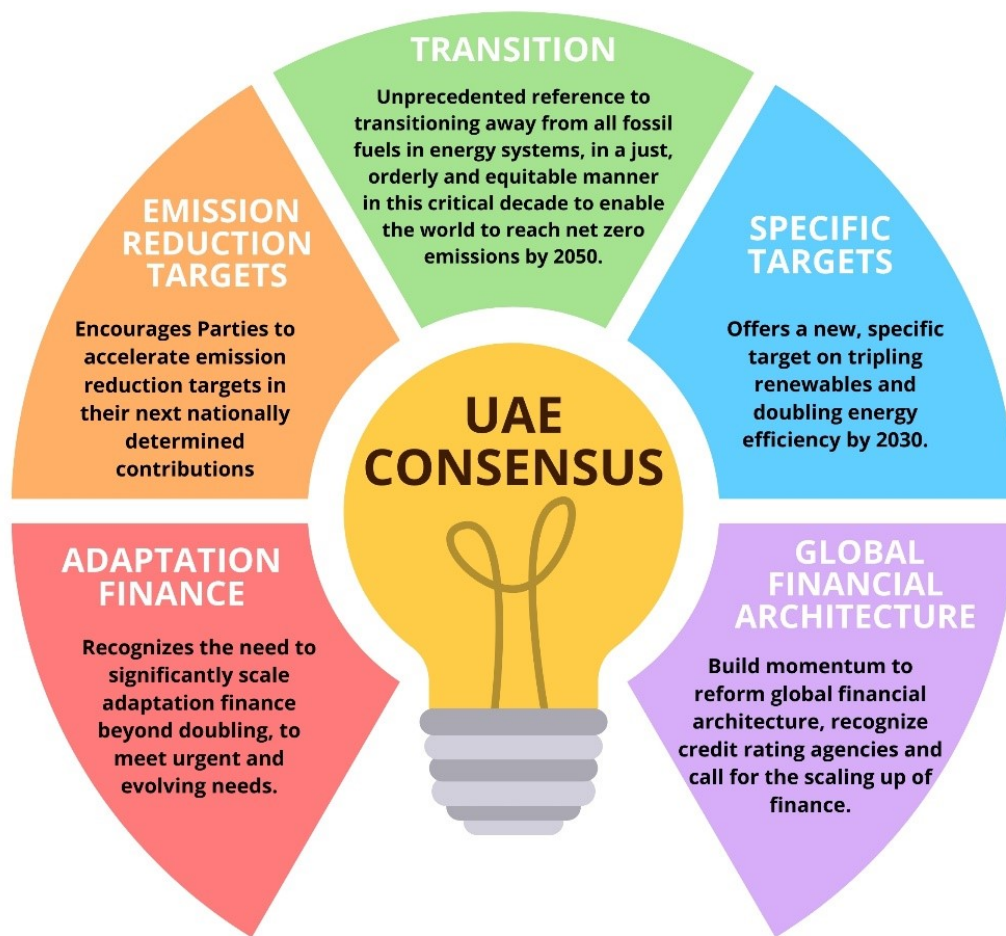
## QUICK FACTS

### India's Updated Nationally Determined Contribution (NDC)

- This update translates the 'Panchamrit' announced at COP 26 into enhanced climate targets.
- **Emissions intensity** - It is the total amount of emissions emitted for every unit of GDP.
  - The goal to reduce emissions intensity and improve energy efficiency was not sector specific.
  - Reducing emission intensity of GDP by 45% below 2005 levels by 2030.
- **Status** - India had already achieved 21% of its emissions intensity as a proportion of its GDP in line with its commitment.
- **Non fossil fuel-based energy** - To meet 50% of cumulative electric power installed capacity from non-fossil fuel-based energy resources by 2030.
- **Power** - 500 GW of non-fossil fuel installed power generation capacity by 2030.
- **Absolute Emission** - Cutting absolute emissions by one billion tonnes, presumably from projected business-as-usual (BAU) 2030 levels.
- **Net-zero emissions** - To be achieved by 2070.

- Net zero refers to a situation in which an organisation's, or a country's, total emissions are balanced by absorption or removal of carbon dioxide from the atmosphere.
- China has a net zero target for 2060 while India has pledged to become net-zero by 2070.

Net Zero



To know about UNFCCC COP-28 Part 2, click [here](#)

To download full pdf, click [here](#)