

8th Session - International Solar Alliance (ISA) Assembly

Prelims: Current events of national and international importance | International Organisations

Why in news?

President Droupadi Murmu inaugurated the 8^{th} Session of the International Solar Alliance (ISA) Assembly in New Delhi.

- **Held in -** New Delhi, from October 27 to 30, 2025.
- **Hosted by -** Government of India in partnership with the International Solar Alliance (ISA).

Initiatives unveiled by India

- **SUNRISE** Solar Upcycling Network for Recycling, Innovation & Stakeholder Engagement
 - Aim To unite governments, industries, and innovators to transform solar waste and equipment into drivers of sustainable growth, circular innovation, and job creation.
- OSOWOG initiative One Sun One World One Grid
 - It introduce a transnational electricity grid that supplies power worldwide.
 - **Identifies priority links** East Asia-South Asia, South Asia-Middle East, Middle East-Europe & Europe-Africa, enabling clean energy trade and greater energy resilience over the next decade.
- Global Capability Centre (GCC) & ISA Academy
 - The GCC, a <u>hub-and-spoke</u> network connecting national research and training institutions under a new Solar Technology Application Resource Centre (STAR-C) model.
 - **Aim -** To foster R&D, innovation, and digital capacity-building through the ISA Academy, an AI-driven learning platform that provides personalised solar knowledge access worldwide.
- SIDS Procurement Platform

- Aim To boost energy security & affordability by streamlining demand, financing, and capacity for resilient solar systems in the Caribbean, Pacific, and Indian Ocean regions.
- **Collaboration -** ISA + World Bank.

Quick Fact

Highlights from President's ISA address

- Renewable energy achievements India ranks 4^{th} in total renewable energy capacity; 3^{rd} in solar power generation; 4^{th} in wind power.
- India's solar capacity has surpassed 120 GW, progressing toward 500 GW by 2030.
- **Future Goals** By 2050, India aims to be a global hub for solar innovation, manufacturing, and knowledge exchange.
- Inclusive Initiatives "Solar for All" Aims to bring solar power to the poorest households, not just the privileged & "Solar for She" Empowers women as solar engineers, entrepreneurs, and trainers.

References

- 1. DD News | President Murmu inaugurates 8th session of ISA Assembly
- 2. <u>Down to Earth | India unveils major global solar Initiatives at ISA</u>
 Assembly

