



US Joins International Solar Alliance

Why in News

Recently, the **United States of America has become the 101st member country to join the International Solar Alliance (ISA).**

- Earlier, the [fourth general assembly of ISA](#) was held.

Key Points

▪ About:

- The ISA is an **intergovernmental treaty-based organisation** with a global mandate to **catalyse solar growth** by helping to reduce the cost of financing and technology.
- ISA is the **nodal agency for implementing [One Sun One World One Grid \(OSOWOG\)](#)**, which seeks to transfer solar power generated in one region to feed the electricity demands of others.

▪ Launch:

- It is **an Indian initiative** that was launched by the Prime Minister of India and the President of France on **30th November 2015 in Paris**, France on the side-lines of the **UNFCCC [Conference of the Parties \(COP-21\)](#)**, with 121 solar resource rich countries lying fully or partially between the tropic of Cancer and tropic of Capricorn as prospective members.

▪ Members:

- **101** members, after being joined by the US.

▪ Headquarters:

- The Headquarters is in India with **its Interim Secretariat being set up in Gurugram.**

▪ Objectives:

- To collectively address key common challenges to the scaling up of solar energy in ISA member countries.

▪ New ISA Programmes:

- New ISA programmes have been launched **on management of solar PV panels & battery usage waste** and **solar hydrogen programme.**
 - The new Hydrogen initiative is aimed at enabling the use of solar electricity to produce hydrogen at a more affordable rate than what is available currently (USD 5 per KG), by bringing it down to USD 2 per KG.

[Source: IE](#)

