

WRAP Exams · wrapexams.com

Prelims PYQ, Mains model answers, and copy evaluation. Write to the desk for this paper, a doubt, or the AI waitlist.

ask@wrapexams.com · +91 85951 84903 · wrapexams.com

Q6

Explain the purpose of the Green Grid Initiative launched at World Leaders Summit of the COP26 UN Climate Change Conference in Glasgow in November, 2021. When was this idea first floated in the International Solar Alliance (ISA) ?

UPSC Civil Services Mains 2021 · GS III · 10 marks · Environment and Conservation

Conservation, environmental pollution and degradation, environmental impact assessment.

Core demand of the question

- Explain the purpose of the Green Grid Initiative launched at World Leaders Summit of the COP26 UN Climate Change Conference in Glasgow in November, 2021. When was this idea first floated in the International Solar Alliance (ISA)?
- Keep India-UK and ISA origin explicit
- Keep the explanation within a 10-mark length

Revision summary

The Green Grids Initiative at COP26 is an India-UK launch of a transnational renewable power grid.

Its purpose is to share solar and wind across time zones so surplus is not dumped and peaks need less coal.

OSOWOG was first floated at the ISA First Assembly in 2018, after ISA's Paris 2015 origin.

COP26 scaled the ISA idea; it did not invent it.

Domestic storage and national grids remain necessary; GGI is not a finished world wire.

Introduction

At the World Leaders Summit of COP26 in Glasgow in November 2021, India and the United Kingdom launched the Green Grids Initiative - One Sun One World One Grid. The purpose is to connect solar-rich and demand-rich regions so that the sun that has set in one country can still light another. The political idea was first floated in the International Solar Alliance.

Body

Purpose of the Green Grid Initiative

- GGI-OSOWOG aims at a transnational grid that moves **renewable electricity** across time zones and borders, so solar and wind are not wasted when local demand is low.
- It seeks **technical standards, investment, and political clubs** for interconnectors, not a single overnight world wire.
- For developing countries it is a bid to cut **coal peak** by importing daytime solar and exporting surplus, which is cheaper than every nation over-building storage alone.

- India-UK co-leadership at COP26 was meant to pull **ISA members, G20 grids, and development banks** into one diplomatic product rather than scattered bilateral lines.
- Purpose also includes **skills, planning tools, and green finance** so poor solar-rich States are not only raw-generation colonies.

When the idea was first floated in the **ISA**

- The **International Solar Alliance** was launched by India and France at **COP21 Paris in 2015** and given a founding conference in New Delhi.
- **One Sun One World One Grid** was first floated by India at the **First Assembly of the ISA in 2018**.
- COP26 did not invent the slogan. It **scaled** an **ISA** idea into a UK-partnered Green Grids Initiative at a UN climate summit.

What it is not

- It is not a completed global grid in 2021. It is a political and engineering programme.
- It does not replace domestic **storage, demand response, and national transmission** such as India's **Green Energy Corridor**.

Flow diagram

ISA 2018 First Assembly -> OSOWOG idea
OSOWOG idea -> COP26 Nov 2021
India and India and UK -> Green Grids Initiative
COP26 Nov 2021 -> Green Grids Initiative
Green Grids Initiative -> Cross-border renewable electricity

Conclusion

GGI-OSOWOG, launched by India and the UK at COP26 in November 2021, exists to interconnect renewable power across borders and time zones. The OSOWOG idea was first floated in the **ISA** in 2018.

Facts & figures

COP26 Glasgow

November 2021 UN climate conference where the World Leaders Summit hosted the GGI-OSOWOG launch.

India-UK

Co-leads of the Green Grids Initiative at COP26.

ISA

International Solar Alliance, launched by India and France at COP21 Paris 2015.

OSOWOG 2018

One Sun One World One Grid first floated at the ISA First Assembly in 2018.

Green Energy Corridor

India's domestic transmission programme for renewables; a national cousin, not a substitute for GGI.

WRAP Exams · Write. Read. Analyse. Practice. · <https://wrapexams.com/upsc/mains-answers/gs-3/2021/explain-the-purpose-of-the-green-grid-initiative-launched-at-world-leaders-summit-of-the-cop26-un-climate-change-conference-in-glasgow-in-november-2021-when-was-this-idea-first-floated-in-the-international-solar-alliance/> · ask@wrapexams.com · wrapexams.com

WRAP Exams