

India has been increasingly leaning towards green transition and Russia has the potential to be long term partners with India in aiding its energy transformation. Examine (200 words).

With the nature teaching its importance to mankind through pandemic, India has pumped up its recovery in a green transition path. Like the European Union, Russia could also be potential partner in energy transformation in long term.

What is current position & target?

India has a target of 450 GW of renewable energy by 2030 and 40% of fuel need from non fossil fuels by 2030.

India has achieved around 100GW renewable energy capacity. ~~2024~~

How Russia could supplement energy transformation?

Russia being a reliable partner has proved its capacity to help in various sectors of energy like nuclear and petrochemical etc.

1. With Koodankulam nuclear power plant establishment Russia proved to be long term partner in energy. (out of 6 planned reactors 2 are working with full potential)
2. In petrochemical sector, production of butyl rubber was increased by Reliance petrochemicals along with a Russian petrochemical company. This made India self sufficient in butyl rubber - Thus attributing to make in India Initiative.
3. Being a good partner in BRICS, East Asian Forum, East Economic Forum, Russia could help India in technology transfer and financial aid etc and energy exploration.

Thus ~~despite~~ Russian relations could harness the speed of Indian energy transition in more green way.