

Fossil fuel energy consumption in India was reported at 73.5% in 2014 across sectors. In 2018 primary energy consumption in the country was dominated by coal. India produces nearly 59% of electricity from coal.

Fossil fuels are detrimental to climate and environment. The globe is heading towards a transition from fossil fuel to non-fossil fuel energy.

Breakthrough technology:

India needs to identify the sectors like battery for EVs, solar panels, solar wafers and nuclear etc., to create a partnership ecosystem on manufacturing.

Raw materials:

Raw materials like lithium are vital for EV which is very scarce in India.

Subsidies:

Till now the major junk of energy subsidies are fossil fuel based and it needs to be increased on non-fossil fuels i.e., renewable energy subsidies.

Solar potential:

India started International Solar Alliance to harness solar potential it has. It needs to be streamlined with local grid with KUSUM Scheme.

India wants to increase 450 GW renewable energy and 40% of energy electricity from non fossil fuel by 2030 which is still under achieved and less below its projection as well.