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Semiconductor Mission can give fillip to the sustainable development of chip and display industry. Explain (eco words)

Semiconductors are crystalline solid intermediates which conduct electricity with capacity between conductor and insulator
Eg: Diodes, transistors etc. Semiconductors have become key component in electrical and electronic instruments. To ensure continuous supply of semiconductor made materials like chips, display Government has initiated Semiconductor Mission under Program for Development of Semiconductors and Display Manufacturing ecosystem.

India Semiconductor Mission: (ISM)

As a part of semiconductor development program ISM will drive long term strategies with other components of

development programme to a sustainable semiconductor ecosystem. It is expected to be led by global lead experts.

Why need of ISM?

- (1) Pandemic has increased the use of electronics and has showed the manufacturing sector flaws in India.
- (2) India needs to be dependent on other countries like USA, Japan for Semiconductors and display.
- (3) Moreover around 54% of Indians use smart gadgets.

How this will fillip to Sustainable development?

- (1) Scheme provides fiscal support under Production linked incentives for upto ~~₹50000~~ ₹55000 crore under electronic manufacturing clusters Scheme

- (2) Provide fiscal support upto project cost of 50% for setting up semiconductor and display fab industries
- (3) It will also provide facility to commercialise and modernise existing Semiconductor Fabs
- (4) Provide design linked incentives to design companies upto 50% and product deployment incentive of 6-4% of net sales.

With sustained application of above scheme India could become a Sustainable Chip and Display Industry hub.