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News: NITI Aayog proposes decarbonising of industrial emissions

Carbon Capture Utilisation and Storage (CCUS)

- Carbon Capture Utilisation and Storage (CCUS) is the technology for decarbonising emissions from high polluting sectors such as steel, cement, oil, gas, petrochemicals, chemicals and fertilizers.
- It has a critical role to play for the country to halve carbon dioxide emissions by 2050.
- The policy framework has been proposed by NITI Aayog.
- CCUS could enable the production of clean products while utilising rich endowments of coal, reducing imports and thus leading to a self reliant India economy.
- CCUS also has an important role to play in enabling sunrise sectors such as coal gasification and the nascent hydrogen economy in India.