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Software for Estimation of Coal Resources

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Why in News

Recently Coal India Limited (CIL) has launched a software named '**Spectral Enhancement**' (SPE).

It will help to identify thin coal layers beneath the earth's crust and improve the estimation of coal resources using seismic surveys during the coal exploration process.

Key Points

- The **CIL's Research and Development (R&D)** arm **Central Mine Planning and Design Institute (CMPDI)** in collaboration with **Gujarat Energy Research and Management Institute (GERMI)** has developed this first of its kind software.
- This '**Made in India**' software will also help in saving the time and cost of coal exploration, thereby giving a boost to the mission of '**Self-reliant India**' in coal production.
- It is noteworthy that CIL accounts for 80 per cent of India's total coal production.