



Smog Tower in Delhi

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Why in News

A smog tower is being planned for the National Capital Region (NCR)-Delhi to create a **clean air zone** in the region.

- The smog tower is **one of the devices to control air pollution** in NCR-Delhi.
- It is expected to **reduce particulate matter by 50%** in the area.
- The filters being installed would use **carbon nanofibres** as a **major component**.
- The proposed smog tower is **focused only on reducing particulate matter** load at present.
- It will majorly help to **reduce the severity of air pollution in NCR-Delhi**.

Smog Tower

- Smog towers are structures designed to work as **large-scale air purifiers**.
- They are usually fitted with **multiple layers of air filters**, which clean the air of pollutants as it passes through them.
- **China** has the **world's largest smog tower** and has **reduced PM 2.5 by 19%** in an area of around 6 sq km in the tower's vicinity.

Source: IE