



Brahmos Missile

Why in News?

The manufacturing of [BrahMos missiles](#) will begin in **Lucknow** in May-June 2025, marking a significant advancement for **the Indian defense sector**.

Key Points

▪ About the Manufacturing:

- According to the Defense Minister **Brahmos missiles along with defense equipment** will be manufactured in Lucknow.
- A **railway track will also be built to transport the missile** to the manufacturing unit
 - In this project, Russian scientists will also work with India .
- It is a part of the [Uttar Pradesh Defence Industrial Corridor](#).
 - The defence manufacturing centres are being established through the Defence Corridor in two states of India, Uttar Pradesh and Tamil Nadu .

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Brahmos Missile



- **The BrahMos missile** , which has a range of 290 km, is an **Indo-Russian joint venture** and is the **world's fastest cruise missile** with a top speed of Mach 2.8 (about three times the speed of sound).
 - BrahMos is named after **the Brahmaputra (India) and Moskva (Russia) rivers**.
- It is a two-stage missile (solid propellant engine in the first stage and liquid ramjet in the second stage).
- It is a **multiplatform missile** i.e. it can be launched from land, air and sea and is a multi-capability missile with high accuracy which operates both during day and night irrespective of weather conditions .
- It **operates on the "fire and forgets" principle** i.e. it does not require guidance after launch.
- Vietnam, **the United Arab Emirates and Indonesia** are among other potential customers for the BrahMos missile.

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