

India Joined ATLAS Initiative

*Prelims: Current events of national and international importance | International Relation
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Why in News?

At the **70th IAEA General Conference**, India showcased readiness to share **nuclear expertise**, highlighting its role in the **ATLAS initiative** and leadership in **regional nuclear cooperation**.

ATLAS Initiative (IAEA): India's Participation

- ATLAS stands for Atomic Technologies Licensed for Applications at Sea.
- **Launched in** - August 2026, Washington DC (IAEA ministerial event); India joined at launch.
- **Objective** - To explore safe nuclear power solutions for commercial shipping and floating energy plants, focusing on small modular reactors for maritime and offshore applications.
- India's participation aligns with its Nuclear Energy Mission and commitment to low-carbon energy security.

India's Chairmanship - Regional Cooperative Agreement (RCA)

- **RCA** - It is a framework for nuclear science and technology collaboration in the Asia-Pacific region.
- **Operating under** - International Atomic Energy Agency (IAEA).
- India assumed the chairmanship of the RCA in May 2026, operating under the theme of "**Vishwa Bandhu Bharat.**"
- **Objective** - To emphasizes collaborative research, technology dissemination, and human resource development, thereby reinforcing South-South cooperation.
- This development substantiates assertions regarding India's leadership in regional nuclear cooperation platforms.



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IAEA

International Atomic Energy Agency

Atoms for Peace and Development

GLOBAL COOPERATION
FOR A SAFER
AND BRIGHTER TOMORROW

	Full form	International Atomic Energy Agency
	Established	1957
	Headquarters	Vienna, Austria
	Main objective	Peaceful uses of nuclear energy
	Major areas	Nuclear safety, security, safeguards, peaceful applications
	UN relationship	International organisation within the UN family



NUCLEAR ENERGY
FOR DEVELOPMENT



SAFER NUCLEAR WORLD



STRONGER TOMORROWS

LIGO-India

- Laser Interferometer Gravitational-Wave Observatory (LIGO)-India is a significant Mega-science project.
- **Located in - Hingoli, Maharashtra.**
- **Aim -** To the detection and study of **gravitational waves**.
- It marks a critical milestone with **engineering, procurement, and construction activities**, driven by **extensive international scientific collaboration**.

Reference

[Times of India | India Joined IAEA's Atomic Technologies](#)



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