

New Centres for the Fourth Industrial Revolution

Prelims: Current events of national and international importance | Science & Technology | International relations

Why in News?

The WEF has decided to establish 5 new Centres for the Fourth Industrial Revolution (4IR or Industry 4.0), including one in India's Andhra Pradesh.

- **Fourth Industrial Revolution Network** - It is a platform for multi-stakeholder collaboration, bringing together public and private sectors to help ensure emerging technologies deliver benefits for society, while minimising risks.
- **Launched by** - World Economic Forum (WEF) in 2017.

Industry 4.0 - Refers to the current era of rapid technological advancement characterised by the blurring of lines between the physical, digital, and biological worlds, coined in 2016 by **Klaus Schwab**, founder of the WEF.

- **Purpose** - To create a global network that will work with governments and industry to deliver practical policy frameworks and pilots, address regional priorities, and advance international cooperation.
- **Focus areas** - AI innovation, the energy transition, cyber resilience, and frontier technologies.
- **Present global status** -
 - **Existing Centres** - Azerbaijan, Colombia, Germany, Korea, Israel, Malaysia, Oman, Qatar, Rwanda, Saudi Arabia, Serbia, South Africa, the US, Ukraine, Vietnam.
 - **New Centres Announced** - Andhra Pradesh (India), France, UK, UAE.
 - **India's Existing Centres** - Mumbai and Telangana.

India's Centre (Andhra Pradesh)

- **Established in** - Partnership with the Andhra Pradesh government, the Centre for Energy and Cyber Resilience.
- **Objective** - To promote innovation-led approaches to the energy transition while strengthening cyber resilience across industries.
- **Focus** - The centre will develop scalable solutions spanning green energy systems, cybersecurity strategies and workforce development.
- **Significance** - It helps India use new technologies responsibly, boosting its role in

clean energy and cybersecurity, while also supporting global goals like sustainability, safety, and inclusive growth.

Reference

[The Hindu | WEF to launch five new Centres for Fourth Industrial Revolution](#)

