

Global Innovation Index (GII), 2025

Prelims: Current events of national and international importance

Why in news?

India rises to 38th position in Global Innovation Index (GII) 2025.

- The GII 2025 is the 18th edition, **measures innovation performance** across **around 140 economies** and unveils the world's top 100 innovation clusters.
- **Published by** - World Intellectual Property Organization (WIPO) in partnership with the Portulans Institute.
- It tracks global innovation trends through **investment patterns, technological progress, adoption rates, and socioeconomic impacts**.
- It provides a useful resource for government, industry, researchers and anyone with a stake in developing innovation ecosystems around the world.
- **Findings of GII 2025 -**
- The Global innovation systems are **undergoing a shift**, while **cutting-edge technologies in AI and quantum computing** are advancing rapidly, R&D growth has slowed down.
- Europe leads as the most innovative region, with 15 countries in the global top 25, including six in the top 10.
- Meanwhile, Southeast Asia, East Asia, and Oceania (SEAO) continue to **emerge as global innovation hubs**, with six economies in the top 25.
- **Top 10 Most Innovative Countries in the World 2025 -**

Global Innovation Index Ranking 2025

This year the most innovative economies are:

1. Switzerland

6. United Kingdom

2. Sweden

7. Finland

3. United States of America

8. Netherlands (Kingdom of the)

4. Republic of Korea

9. Denmark

5. Singapore

10. China

- **Rising economies** - Several middle-income economies continued their upward climb in the rankings, including China, India, Türkiye, Vietnam, and the Philippines.
- **Innovation clusters** - ***China leads the world*** with 24 of the top 100 innovation clusters, followed by the United States with 22.
- The top cluster is Shenzhen-Hong Kong-Guangzhou, surpassing Tokyo-Yokohama due to strong venture capital activity.

*The Top 100 clusters together account for **around 70% of global patent filings and venture capital activity**, underlining their central role in shaping the future of innovation.*

- **Investment slowdown** - The report noted a ***deceleration in innovation investment***.
- Global R&D growth slowed in 2024 to 2.9%, the lowest since 2010, with a further slowdown projected for 2025.
- **India's performance** -
- **Ranking** - India ***rose to 38th place*** among 139 economies, a significant improvement from its 48th rank in 2020 and 81st in 2015.
- **Top performer** - India secured the ***no.1 spot among lower-middle-income economies*** and in the Central and Southern Asia region.
- **Strengths** - The country performed well in ***Knowledge & Technology Outputs*** (ranked 22nd) and ***Market Sophistication*** (ranked 38th).
- **Areas for improvement** - India's lowest rankings were in ***Business Sophistication, Infrastructure and Institutions***.
- **Innovation clusters** - India has four clusters ranked in the top 100 - Bengaluru (21st), Delhi (26th), Mumbai (46th), and Chennai (84th).

References

1. [Indian Express | Global Innovation Index 2025](#)
2. [WIPO | Global Innovation Index 2025](#)

