India Electric Mobility Index (IEMI) 2025

Prelims: *Current events of national and international importance| Indices and reports*

Why in News?

NITI Aayog released the second edition of the India Electric Mobility Index (IEMI) 2025.

> ***Delhi** emerged as the top-performing State/UT in electric mobility adoption.*

India Electric Mobility Index (IEMI)

- **Purpose** – It measures and evaluates the progress of States and UTs towards their electric mobility goals.
- **Coverage** – All Indian States and Union Territories.
- **Scoring** – States/UTs are scored out of 100.
- **Indicators** – 16 indicators grouped under 3 core themes.
- **3 Core Themes**
  - Transport Electrification Progress –
    - Carries the highest weightage – 50%.
    - Delhi, Chandigarh and Maharashtra qualified as top performers under this theme.
  - Charging Infrastructure Readiness – Assesses the preparedness and availability of EV charging infrastructure.
  - EV Research and Innovation Status – Assesses progress in research, technology and innovation related to electric mobility.
- **Top Performers** – Delhi, Maharashtra, Karnataka, Chandigarh, Goa

Significance of Electric Mobility

- Road transport contributes around 12% of India's energy-related CO_2 emissions.
- Electric bus adoption has gained momentum in India since 2021.
- EV adoption can help reduce fossil-fuel dependence, urban air pollution and transport-sector emissions.

- **Global Context** – In 2025, electric cars accounted for approximately:
  - **US**: 1/10th of new car sales
  - **European Union**: More than ¼ of new car sales
  - **China**: More than ½ of new car sales

Reference

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