



Procurement of EVs to Boost Bihar's Electric Mobility

Why in News?

Recently, Chief Minister Nitish Kumar announced the **procurement of two electric cars during the Bihar [Electric Vehicle \(EV\) Conclave and Expo](#) held in Patna.**

- It is a **significant move towards promoting sustainable and [eco-friendly transportation](#)** in Bihar.

Key Points

- The **event was organised by the Bihar Transport Department in collaboration with World Resources Institute, India, and the Bihar State Pollution Control Board.**
- During his visit, the Chief Minister actively engaged with the **showcased EVs, seeking detailed information about their features and capabilities.**
 - He emphasised the **environmental benefits of EVs** and highlighted ongoing efforts to develop infrastructure for convenient public charging facilities.
 - He **urged the public to explore the advantages of EVs**, emphasising their role in environmental conservation.
- **Transport Department Minister Sheela Kumari inaugurated the conclave and emphasised the collective efforts required to achieve a pollution-free State.**
- According to the Transport Secretary, the **share of EVs among total new vehicle registrations was 7% in 2023, exceeding the national average of 6%.**
- With **Bihar EV Policy** offering **purchase incentives and exemption in motor vehicle tax** and provisions for **robust charging infrastructure**, the **EV penetration in the State** is set to meet the **target of 15%** well within the set timeframe of **2028.**
- According to **[World Resources Institute \(WRI\) India](#)**, **Digitalisation** of the system can hugely **improve the transport system** efficiency in States.
 - **Demand aggregation** can bring about **30% reduction in cost** and help scale the adoption of e-buses.
 - **Open data repositories** are **critical to improve the transport infrastructure** as they can help us improve transport infrastructure planning **to meet growing demand.**
 - Ease of financing is another critical component that can help States in creating an enabling marketplace for public transportation.
- Sudhendu Jyoti Sinha, Adviser at **[NITI Aayog](#)** suggested **several measures to promote electric mobility**, including **implementing aggressive electric mobility initiatives** in a few cities and **encouraging schools to switch to electric buses initially.**

World Resources Institute (WRI)

- WRI was **created in 1982 in Washington, D.C.** It is a **non-profit, science and evidence based institution** that carries out rigorous **policy research of global environmental and development issues.**
- Its **mission is to move human society to live in ways that protect Earth's environment** and its capacity to provide for the needs and aspirations of current and future generations.

NITI Aayog

- The NITI Aayog serves as the **apex public policy think tank of the Government of India.**
- The **nodal agency** tasked with **catalyzing economic development**, and fostering **cooperative federalism.**
 - Moving away from bargaining federalism through the involvement of State Governments of India in the economic policy-making process using a bottom-up approach.

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