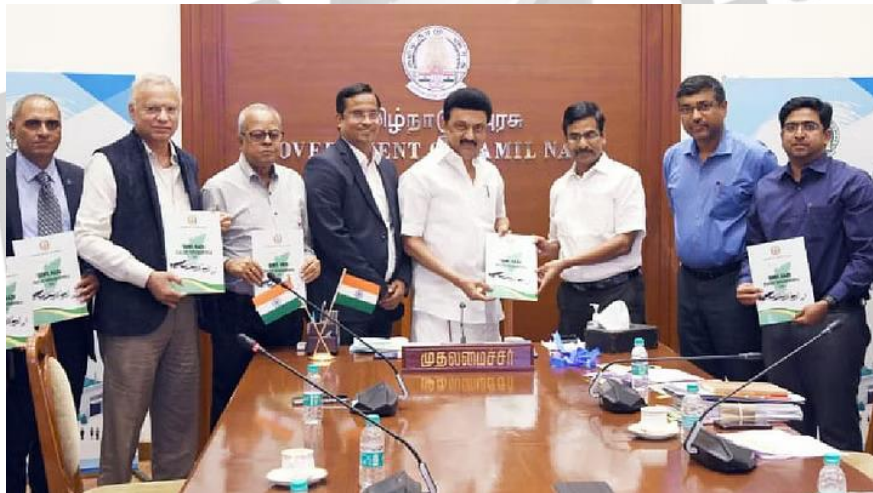


## EVERYDAY CURRENT AFFAIRS – FEBRUARY 15, 2023

### TAMIL NADU

- **The Tamil Nadu government - has unveiled a new electric vehicle (EV) policy to promote the growth of a strong EV ecosystem in the state**
- ✓ The 'Tamil Nadu Electric Vehicles Policy 2023' was released by Chief Minister M K Stalin on February 14, 2023



- ✓ The new policy seeks to strengthen the EV manufacturing value chain, improve EV adoption across vehicle segments, increase electric public mobility solutions, improve green electricity value chain, promote rapid EV infrastructure development, and leverage the synergies of existing research and development centres in the state
- ✓ According to the Policy, the government intends to raise Rs 50,000 crore for EV manufacturing and to generate employment for 1.5 lakh people in the state
- ✓ Reimbursement of state goods and services tax (SGST), investment and turnover-based subsidy, advanced chemistry cell subsidy, electrification of public and commercial transport, and formation of electric vehicle cities are some of the features of Tamil Nadu Electric Vehicles Policy 2023.

- ✓ According to the policy, the government will promote Chennai, Coimbatore, Tiruchirappalli, Madurai, Salem, and Tirunelveli as pilot cities for implementing 'e-mobility solutions' to promote new or expansion projects in the manufacturing of EVs, its components and charging infrastructure
  - ✓ A smart city commissioner will be appointed in each of these cities as nodal officer to coordinate and drive EV adoption.
- ✓ The policy seeks to build exclusive EV parks at its EV hubs of Krishnagiri and Manallur (Chennai).
- ✓ The state government will develop a Future Mobility Park across 300 acre in Krishnagiri to cater to new investments.
- ✓ As per the new policy, EV projects will be provided with a 100% exemption on electricity tax for a period of five years on power purchased from the Tamil Nadu Generation and Distribution Corporation Limited (TANGEDCO) or generated and consumed from captive sources.
- ✓ The government has also decided to waive road tax, registration charges and permit fees for EVs.
- ✓ Further based on the battery capacity and the vehicle type, the state government will also offer incentives for commercial vehicles ranging between Rs 5,000 for e-cycles to Rs 10 lakh for e-buses.
- ✓ The state government will also incentivise converting internal combustion engine-powered commercial vehicles to EVs.
- ✓ The policy also offers financial support to companies who wish to transition/diversify into EV manufacturing for upskilling their workforce.
- ✓ As per the new EV policy, the Tamil Nadu government will also revise the power tariff for public charging stations and offer incentives to charging and battery swapping stations.
- ✓ Further, the state offers a one-time choice for the manufacturing units to opt for reimbursement of SGST, turnover-based subsidy, capital subsidy or special advanced chemistry cells capital subsidy.
- ✓ Also, electric vehicle projects undertaken by a company would be entitled to 100 per cent exemption on stamp duty on purchase or lease of land obtained from the government.
- ✓ Tamil Nadu has also set a target to increase the share of electric buses in state transport undertakings by 30% in a phased manner by 2030.
- ✓ According to the policy, Tamil Nadu has signed memorandum of understandings with companies committing investments of nearly Rs 24,000 crore and employment potential of 48,000 jobs in the EV value chain
- ✓ The new policy shall be valid for a period of five years from the date of the policy notification, or until a new one is announced
- ✓ The last e-vehicle policy lapsed on December 30, 2022.

- **The Tamil Nadu Virtual Academy (TVA) - has jointly launched a programme, 'Maaperum Tamil Kanavu' (The Big Tamil Dream), in coordination with various government departments**
  - ✓ The new programme seeks to create awareness among college students on Tamil culture and heritage and kindle their interest in the language as well as make them aware of various opportunities available in different fields.
  - ✓ The TVA had planned to conduct 100 programmes in various colleges across the state by March 31 this year.
  - ✓ The programme, launched recently, involves prominent speakers from various fields addressing students.
  - ✓ Topics including social justice, women empowerment, socio-economic development, Dravidianism, language, literature, culture, archaeological research, science, technology, Tamil Nadu's industrial development, media, entrepreneurship, challenges, growth of Tamil computing, educational revolution in the last century and government schemes would be covered by the speakers.
  - ✓ About 1,000 students are expected to be covered in each college.
  - ✓ The programme envisages reaching out to one lakh students in 60 days.
- **On February 14, the Tata group-owned Air India - placed the largest ever aircraft order in global aviation history**
  - ✓ In this regard, the letters of intent were signed for purchase of 470 aircraft, a mix of narrow-body and wide-body Airbus and Boeing aircraft.
  - ✓ The order comprises 40 Airbus A350s, 20 Boeing 787s and 10 Boeing 777-9s wide body aircraft, which will be deployed on international long haul routes and then, 210 Airbus A320/321 neos, 190 Boeing 737 MAX narrow body aircraft that will largely operate the domestic routes.
  - ✓ Prior to this, the largest single order for aircraft was in 2011 by AMR Corporation, the parent company of American Airlines, which had ordered a mix of 460 narrow body planes from Boeing and Airbus.

## WORLD

- **On February 14, World Meteorological Organisation (WMO) - said that rise in sea level has been 4.5mm per year during 2013-22**
  - ✓ According to the WMO, the rise could continue through this century, recording a total rise of 0.6 metre by 2100, as compared to 1995-2014 level, even under the low greenhouse gas (GHG) emission scenario
  - ✓ This will affect not only small island nations but also big coastal cities, such as Shanghai, Dhaka, Bangkok, Jakarta, Mumbai, Maputo, Lagos, Cairo, London, Copenhagen, New York, Los Angeles, Buenos Aires and Santiago
  - ✓ As per the report, human influence (activities) was the main driver of the rise since 1971 compared to the rise of 1.3 mm per year from 1901-1971.

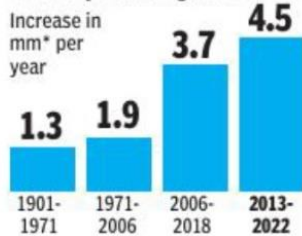
## TRACKING THE RISE

Global mean sea-level b/w  
1901-2018:

**0.2 metre (m)**

### Break-up of rising trend

Increase in  
mm\* per  
year



\*millimetre

▲ Last decade



### SCENARIOS FOR THE FUTURE (compared to 1995-2014 level)

**Scenario 1** (very low GHG emission in consistent with 1.5 degree C of temp rise):

Global mean sea level rise by 2100: **0.28-0.55m**

(Sea-level rise is not globally uniform and varies regionally)

**Scenario 2** (low GHG emission in consistent with 2 degree C of temp rise):

Global mean sea level rise by 2100: **0.32-0.62m**

- ✓ The danger is especially acute for 900 million people who live in coastal zones at low elevations and also for assets worth up to \$14. 2 trillion by 2100 within the coastal floodplains.