



## EVERYDAY CURRENT AFFAIRS – SEPTEMBER 02, 2024

### TAMIL NADU

#### ➤ U.S. Renewable Energy Firm to Invest 400 cr. in Tamil Nadu

## US firm to set up gigafactory in Chengalpattu

*The Rs 400-crore green hydrogen plant would generate employment for 500 people*

**CHENNAI:** The high-level delegation led by Chief Minister MK Stalin bagged yet another investment during its trip to the US, inking a Rs 400-crore deal with US-based Ohmium to set up a new green hydrogen and electrolyser gigafactory in Chengalpattu.

The MoU with Ohmium co-founder and CEO Arne Ballantine in San Francisco was exchanged in the presence of Chief Minister Stalin, who is currently touring the United States along with Industries Minister TRB Rajaa and senior officials to attract investments to the State.

"We've secured a Rs 400 crore investment from Ohmium in Chengalpattu, creating 500 jobs. This marks a significant step in nurturing the ecosystem for green energy production and fuelling a sustainable future," Stalin said in a social media post.

Explaining the details of the gigafactory, a source said it would break water into hydrogen and oxygen using renewable energy, enabling the production of green hydrogen, which is widely considered as the pollution-free fuel of the future. It is industry-agnostic and will facilitate India's transition to clean energy.

Meanwhile, Stalin would leave for Chicago from San Francisco on Sep-



**Chief Minister MK Stalin at the MoU signing function in San Francisco**

Ohmium is a green hydrogen com- tember 2. "All arrangements are on to

- ✓ American renewable energy firm Ohmium would set up a unit in Chengalpattu district at an investment of 400 crore to produce green hydrogen and manufacture electrolyzers.
- ✓ The unit is expected to generate 500 jobs.
- **Anna University gets Patent for Innovative Drone Technology**
- ✓ Researchers at the Madras Institute of Technology, Anna University, Chennai, have developed a path-breaking technology that is claimed to open up a new era of drone operations.



- ✓ The Indian Patent Office, Intellectual Property India, has granted patent for the airborne-based intelligent autonomous landing system for mini-unmanned aerial vehicles (UAVs) that come with accurate identification of geographical location of landing sites from the plurality of images captured.

## CONFERENCES & SUMMITS

- **India-US Defence Acceleration Ecosystem (Indus-X) Summit**
- ✓ The third edition of the India-US Defence Acceleration Ecosystem (Indus-X) Summit will be held at Stanford University in California in early September.



- ✓ During this, top defence leadership of both the countries will discuss on enhancing the cross-border defence innovation ecosystem.
- ✓ The theme of the 3rd Indus-X Summit is "Harnessing investment opportunities to enhance cross-border defence innovation ecosystem."
- ✓ INDUS-X, launched in June 2023, aims to strengthen the strategic technology partnership and defence industrial cooperation.

## IMPORTANT DAYS

- **World Coconut Day – September 02**



- ✓ World Coconut Day was established in 2009 by the Asian and Pacific Coconut Community (APCC), an intergovernmental organization under the United Nations Economic and Social Commission for Asia and the Pacific.
- ✓ The APCC, representing 19 coconut-producing countries in the Asia-Pacific region, chose September 2 to commemorate the organization's founding in 1969.

