

September - 15

## TNPSC BITS

- ❖ Indian Army and the Indian Air Force have conducted a joint exercise 'Gagan Strike' in Punjab.

## NATIONAL

### National Electric Freight Platform



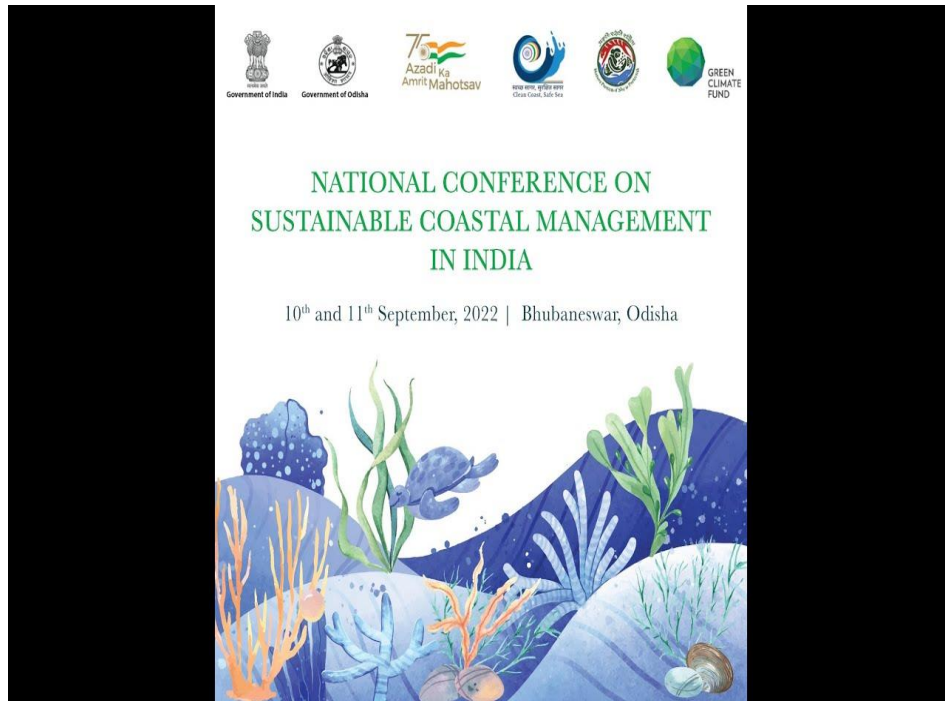
- ❖ NITI Aayog and World Resources Institute (WRI) launched India's first National Electric Freight Platform, E-FAST India.
- ❖ E-FAST India stands for Electric Freight Accelerator for Sustainable Transport-India.
- ❖ The platform aims to raise awareness of freight electrification bolstered by an on-ground demonstration pilot and evidence-based research.
- ❖ This Platform brings different stakeholders together with the support of the World Economic Forum, CALSTART, and RMI India.

### National Conference on Sustainable Coastal Management in India

- ❖ The first National Conference on Sustainable Coastal Management was inaugurated in India in Bhubaneswar, Odisha.
- ❖ The Conference was focused on enhancing climate resilience of India's coastal communities.
- ❖ It was attended by officials from all 13 coastal states of India.



- ❖ It focuses on the three interrelated themes of coastal and marine biodiversity, climate mitigation and adaptation and coastal pollution.



### Centre-State Science Conclave



- ❖ The Prime Minister inaugurated the 'Centre-State Science Conclave' in Ahmedabad.
- ❖ It is a great achievement for India and the government urges the Indian citizens to celebrate the achievements of Indian scientists.

- ❖ It is being organized to strengthen the coordination between Centre and state governments and collaboration mechanisms in promoting innovation and entrepreneurship.

### 3 trade pillars

- ❖ The US-led Indo-Pacific Economic Framework (IPEF) ministerial meet in Los Angeles was concluded recently.
- ❖ India opted to stay out of the trade negotiations but it joined the three other pillars of IPEF.
- ❖ IPEF is based on four pillars namely trade, supply chains, clean energy and a fair economy.
- ❖ India for now refrained from agreeing to the joint declaration on trade.
- ❖ This is due to the concerns over commitments required on the environment, labour, digital commerce and public procurement.
- ❖ IPEF represents over 40 per cent of the global economy.
- ❖ The Indo-Pacific region covers half the population of the world and more than 60% of the global GDP.

**Work in Progress**

**Indo-Pacific Economic Framework for Prosperity has four pillars:**

|  |   |  |
|--|---|--|
| » Trade                                  | Trade pillar deals with environment, labour, digital trade and agri | On remaining 3 pillars, India 'very much comfortable with final outcome' |
| » Supply chains                          |   |  |
| » Clean economy (clean energy)           | India has chosen to stay out of trade pillar until contours clearer | IPEF structured jointly by the US and Indo-Pacific countries             |
| » Fair economy (tax and anti-corruption) |   |  |

 (Concerns over joining trade pillar pertain to digital trade, the linkage of environment and labour to trade, and possible binding commitments of any nature juxtaposed with the benefits that we will receive as a developing economy)

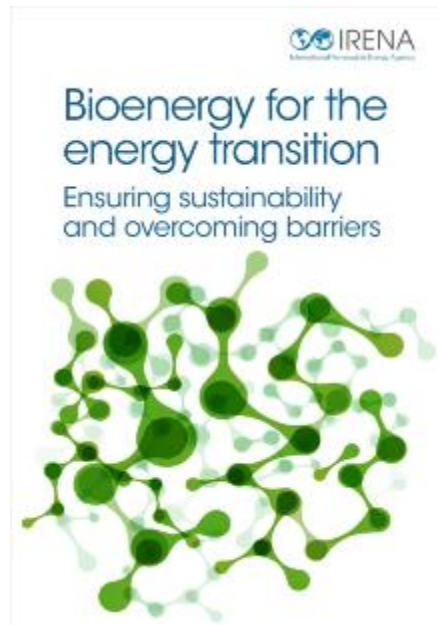
**PIYUSH GOYAL** commerce and industry minister

## INTERNATIONAL

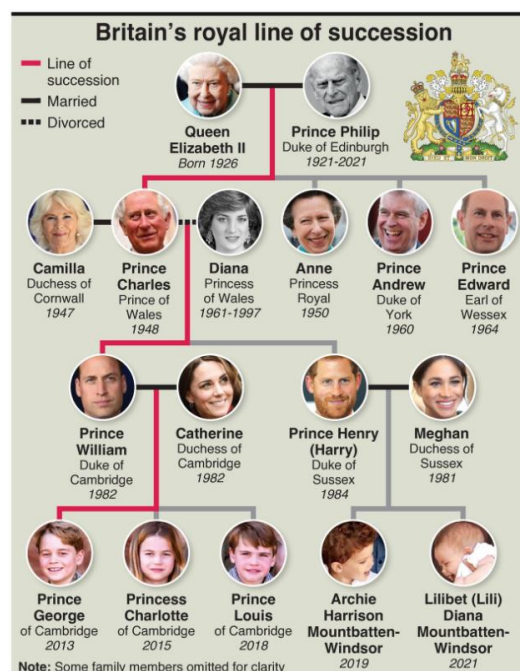
### IRENA Report

- ❖ International Renewable Energy Agency (IRENA) has released the “Bioenergy for the energy transition: ensuring sustainability and overcoming barriers report”.
- ❖ It aims to provide the status of sustainable bioenergy development.

- ❖ Bioenergy is a form of renewable energy generated when we burn biomass fuel.
- ❖ Bioenergy currently accounts for two-thirds of all renewable energy consumption worldwide.
- ❖ Bioenergy can incur negative environmental, social and economic impacts such as biodiversity loss, food insecurity and deforestation.



## Operation London Bridge





- ❖ Queen Elizabeth II, the longest-reigning monarch of Britain, died on September 8.
- ❖ The protocol, including planned ceremonial and political events and the succession of the throne, is known as Operation London Bridge.
- ❖ But there were special provisions if the monarch died when she was in Scotland, called Operation Unicorn.
- ❖ The term Operation Unicorn was first used in the Edinburgh parliament's online papers in 2017.

## Throne of the United Kingdom



- ❖ King Charles III ascends to the throne of the United Kingdom, following the passing of Queen Elizabeth II.
- ❖ At the age of 73, Charles is expected to be the oldest British monarch to be crowned.
- ❖ He has endured the longest wait to ascend the throne in British history.

- ❖ In addition to the United Kingdom, Charles also serves as the head of state for 14 other countries, including Australia, Canada, Jamaica, New Zealand, and Papua New Guinea.
- ❖ Prince William, Charles's oldest child, is now first in line for the throne.
- ❖ He receives the titles Prince of Wales, Duke of Cornwall, and Duke of Cambridge.

## SCIENCE AND TECHNOLOGY

### Project 17A-Taragiri



- ❖ Taragiri is the third stealth frigate of the Indian Navy's Project 17A.
- ❖ The coveted 'Project 17A' was cleared by the govt back in 2015.
- ❖ It involves the building of seven stealth frigates.
- ❖ It is also featuring BrahMos supersonic surface-to-surface missiles.
- ❖ Himgiri is the first of the three stealth frigates being built.
- ❖ The second ship of the 'Udaygiri' class under the project was launched on May.

## STATES

### India's longest rubber dam

- ❖ India's longest rubber dam 'Gayaji Dam' was inaugurated on the Falgu River in Gaya, Bihar.
- ❖ Experts from IIT (Roorkee) were involved with the project.

- ❖ The Falgu River has water only in the monsoon season and remains dry for the remaining period.
- ❖ The dam will ensure water storage in the river throughout the year.



## PERSONALITIES, AWARDS, AND EVENTS

### Meritorious Service Medal



- ❖ Former India Chief of Naval Staff, Admiral Sunil Lanba has been conferred Singapore's prestigious military award.
- ❖ This award is known as the Pingat Jasa Gemilang (Tentera) or Meritorious Service Medal (Military) (MSM(M)).

- ❖ He has been conferred the award for his outstanding contributions in enhancing the strong and long-standing bilateral defence relationship between the Indian Navy and the Republic of Singapore Navy.

## SPORTS

### US Open Tennis Tournament 2022



- ❖ The 2022 US Open is a tennis tournament was the overall 142th edition of the US Open.
- ❖ This is the fourth and final Grand Slam event of the year 2022.
- ❖ Carlos Alcaraz of Spain has won the men's singles title.
- ❖ He has become the youngest player to reach the first position in the ATP rankings.
- ❖ The World number one Iga Swiatek of Poland has won the women's singles title.
- ❖ Swiatek is the first Polish female player to win the US Open title.
- ❖ She has won 10 titles including three Grand Slam titles in his career so far.
- ❖ Rajeev Ram of America and Joe Salisbury of British won the men's doubles.
- ❖ The Czech pair of Barbora Krejčíková and Katerina Siniaková got the women's doubles title.
- ❖ In mixed doubles, the Australian pair of Storm Sanders and John Pearce won the title.

## MISCELLANEOUS

### Nomination for World Heritage List

- ❖ Hoysala temples of Belur, Halebid and Somnathapura in Karnataka have been finalised as India's nomination for consideration as World Heritage sites for the year 2022-2023.



- ❖ All three Hoysala temples are protected monuments of the Archaeological Survey of India.
- ❖ If the Hoysala temples attain this status, these monuments will be fourth on the state's list of World Heritage Sites.
- ❖ The other three includes
  - The Hampi Monuments of Vijayanagara,
  - Pattadakallu Temples complex of the Chalukyan era and
  - The Western Ghats.
- ❖ A World Heritage site is classified as a natural or man-made area or a structure that is of international importance, and a space that requires special protection.

