

## Daily Current Affairs 16.09.2022

### Important News: International

#### India launches 'Urban Wastewater Landscape in India'

##### Why in News:

- A white paper on "Urban Wastewater Landscape in India" was released at the Exhibition 2022. Hon. Minister of Waterpower Shri Gajendra Singh Shekhawat, Hon. Minister Ms. Lee Vermelin, Minister for Environment, Denmark, and Hon. Minister Shri Fleming Möller Mortensen, Minister for Development Cooperation, Denmark attended the World Water Congress of the International Water Association (IWA) in Copenhagen, Denmark with an Indian delegation.



##### Key Point:

- The Government of India formed a multidisciplinary team with partners from the Atal Innovation Mission, NITI Aayog, Ministry of Jal Shakti and National Mission for Clean Ganga, International Agency Innovation Center Denmark, and Academic Indian Institute of Technology Bombay to prepare a White Paper on Urban Wastewater Management.
- This white paper describes the current state of wastewater treatment in India as a whole as well as potential steps that might be taken to collaborate, co-create, and design future treatment systems.
- The Green Strategic Partnership between India and Denmark, with an emphasis on Green Hydrogen, Renewable Energy, Wastewater Management, and their bilateral ties, is the source of this white paper.
- Teams from the International Center for Clear Water and incubator partners AIC- Sangam and AIC FISE will also receive mentoring at IIT Delhi, IIT Bombay, and IIT Madras under this policy.
- A global program called Next Generation Water Action (NGWA) aims to involve young people from top universities and innovation hubs before, during, and after the IWA World Water Congress and Exhibition in 2022.
- The Danish Embassy, in collaboration with the Atal Innovation Mission, NITI Aayog, has reorganized the AIM- ICDK- 2.0 Water Innovation Challenge during the event.

Source: PIB

#### First inter-modal digital TIR-based transport from India to Iran flagged off from Mumbai's JN port



### Why in News:

- The International STRs or International Road Transports (TIR)-based pilot transport from Nhava Sheva (Jawaharlal Nehru Port), Navi Mumbai, Maharashtra, is the first intermodal digital transport along the International North-South Transport Corridor (INSTC) corridor between India and Iran. has been signaled to stop.



### Key Points:

- It aspires to make cross-border travel paperless while maintaining the TIR system's customs assurance.
- By lowering transportation costs and other formalities, the TIR system contributes significantly to facilitating cross-border trade and transit and preventing operational delays.
- The system would ease the flow of domestic and international transport by giving access to more than 64 TIR operational nations, according to the Federation of Indian Chambers of Commerce and Industry (FICCI).
- TIR systems are also necessary to promote more intra-regional and intra-regional commerce growth.
- The goal of INSTC is to shorten the time it takes manufactured emergency shipments (EXIM) to and from Central Asian markets to arrive in Europe.
- The Chabahar port, which was built with Indian aid, will serve as the region's primary economic transit hub.
- Along with the Iranian government, India is taking part in the construction of Shaheed Beherti Terminal's Phase I at Chabahar Port.

Source: Times of India

## Important News: National

### India becomes a power surplus nation

#### Why in News:

- India has become a power surplus nation.



**key points:**

- India currently has a power surplus with a capacity of over 4 lakh MW.
- India has increased renewable energy generation from 51 thousand 226 gigawatt hours to one lakh 38 thousand 337 gigawatt-hours in the year 2020.
- The proportion of renewable energy in India's power generation sector has grown rapidly in line with the country's goal of sustainable development.
- India is the third largest producer of renewable energy in the world, with non-fossil fuels accounting for 40% of the country's installed electricity capacity.
- Applications based on solar energy can be used to meet cooking, lighting, and other energy demands in an environmentally friendly manner.
- India is a member of the International Solar Alliance (ISA) and has achieved great success in the deployment of technology based on solar energy.
- The International Solar Alliance works towards reducing the use of fossil fuels and making our planet green.
- India aims to reach net zero emissions by 2070 and increase renewable energy to 500 GW by 2030.

**Source: Times of India**

**Important News: State**

**Indore becomes the country's first 'smart city' with a 'smart address'**

**Why in News:**

- After Indore Smart City implements a completely digital addressing system, it will become the first Smart City with a Indore (MP) Smart Address.



**Key Points:**

- Rajat Jain, co-founder of **Pataa Navigations**, and Gupta (IAS), CEO of Indore Smart City, have signed a Memorandum of Understanding (MoU) to advance the smart city.
- **Pataa Navigations** has created patent-pending technology for upgrading smart cities and is collaborating with the Indian Space Research Organization (ISRO) to create a digital addressing system.
- According to the MoU, all businesses, all governmental organizations, and emergency services, including police, fire departments, and ambulances, may use the Patta App to provide services including electronic Know Your Customer (E-KYC) and geotagging.
- All of MP Tourism's tourist destinations will be geotagged with bus stops, public restrooms, and bus stops.

**Source: The Hindu**

**The world's largest museum of Harappan culture is being built in Rakhigarhi, Haryana**

**Why in News:**

- In Rakhigarhi, Haryana, the largest museum dedicated to Harappan culture will be constructed.



**Key Points:**

- In Rakhigarhi, the founding city of the Indus Valley Civilization, a cutting-edge museum will be built at a cost of Rs 32 crore.
- The Harappan Culture Museum is also being built, and it will exhibit over 5000 ancient Harappan artifacts in addition to rest houses, dormitories, and a cafe.

- Apart from the villages of Rakhi Khas and Rakhi Shahpur, Rakhigarhi is located in the Narnaund sector of the Hisar district of Haryana. The area around the site is littered with archaeological ruins.
- The Archaeological Survey of India conducted the village's initial excavation in 1963. (ASI).
- Under Dr. Amarendra Nath's direction, the Archaeological Survey of India later began excavations in Rakhigarhi during the years 1998 to 2001.
- Rakhigarhi, where a DNA test is being conducted, has seen the discovery of 56 skeletons since 1998.
- Rakhigarhi's civilization is thought to have existed between 5000 and 5500 BC, while Mohenjodaro's civilization is thought to have existed approximately 4000 BC.
- While Rakhigarhi covers an area of more than 550 hectares, Mohenjodaro is only about 300 hectares in size.

**Source: Livemint**

## **Nagaland organizes its first Naga Chili Festival**

### **Why in News:**

- The first-ever Naga Chili (Naga King Chili) Festival will take place in Nagaland's Seihama village's Kohima district in 2022.



### **Key Points:**

- The Horticulture Department coordinates the Naga Chili Festival.
- Many Angami villages in the north grow chilies, and Seihama village has emerged as the region that produces the most different varieties of Naga chilies.
- The Naga Chili (King Chili), widely regarded as the hottest chili in the world, has routinely ranked among the top five hottest chilies worldwide according to SHU. Other names for Naga Chili include "Raja Chili," "Bhoot Jolokia," and "Ghost Pepper."
- In 2008, the Geographical Indication (GI) designation was given to Naga Chili, a member of the Solanaceae family and of the genus Capsicum.
- The Naga chili, a native crop of Nagaland, is widely farmed in Peren, Som, Kohima, and Dimapur. It is thought to have its origins in the Jelliangrang region of Nagaland.
- On December 1, 1963, Kohima was designated as the capital of Nagaland, which had just received official recognition as an independent state.

- The state animal of Nagaland and Arunachal Pradesh is the Mithun (Gyal), and the bird of Nagaland is the velips tragopan.

**Source: Indian Express**

### Important News: Economy

#### India's first plastic project listed by EKI Energy Services Limited

##### Why in News:

- EKI Energy Services, a developer and vendor of carbon credits, is the first company to list an Indian plastics project (India's first plastic project) under the global accreditation standard.



##### key points:

- Indore-based carbon credit specialist, EKI Energy Services, which has worked in the field of climate action and offset solutions in 16 countries for the past 14 years, has become the first company to list a plastic project from the country.
- EKI Energy Services' project ensures that plastic waste, primarily polyethylene terephthalate (PET) waste, PET flakes, and chips, is properly sourced and recycled to make Recycled Polyester Staple Fiber (RPSF).
- Recycled polyester staple fiber (RPSF) can be used in the textile industry to make clothing and other useful products made from fabric.
- All participants in the collection and recycling process from waste pickers to recycling facilities will be empowered by such a value chain.
- The project is recognized by VERA, a Washington-based organization under their Plastic Waste Reduction Standards.
- Climate change, carbon credit, and sustainability solutions are offered by EKI Energy Services Ltd.
- The business provides training in quality control and management as well as for carbon credits, asset management, carbon footprint management, sustainability audits, and carbon credits.

**Source: Indian Express**

### Important Days

#### International Day of Democracy 2022 celebrated on 15 September



### Why in News:

- Every year on September 15, people worldwide observe the International Day of Democracy.



### Key Points:

- Promoting democracy around the world is the primary goal of Democracy Day.
- The protection and effective promotion of human rights fundamentals should be remembered on this day, which is known as the International Day of Democracy.
- The United Nations General Assembly established the International Day of Democracy in 2007.
- The first International Day of Democracy was observed in 2008.
- India is said to as the largest democracy in the world since there, 600 million people use their votes to elect the government.
- The International Day of Democracy seeks to promote meaningful engagement in democracy among all citizens and the government.
- The purpose of the International Day of Democracy is to raise awareness of pressing concerns, mobilize political will and financial support for global problem-solving efforts, and commemorate the accomplishments of humanity.
- The Inter-Parliamentary Union was founded in Paris, France in 1889, and today it has its headquarters in Geneva, Switzerland.
- Martin Chungong is the General Secretary of the Inter-Parliamentary Union, while Kirpan Hussain Chowdhury is its President.

**Source: Times of India**