

October - 15

## NATIONAL

### Education 4.0 Report



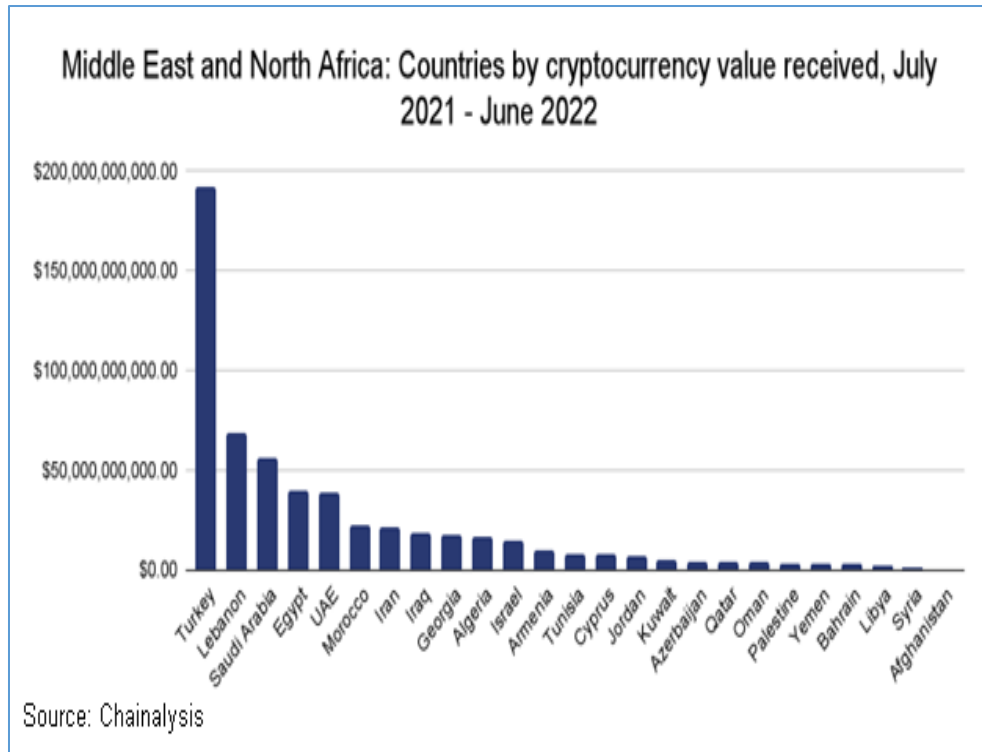
- ❖ The Education 4.0 India report was jointly released by the WEF, UNICEF and YuWaah (Generation Unlimited India).
- ❖ It focuses on the use of Industrial Revolution 4.0 technologies in improving the learning outcomes and reducing inequalities in India's education sector.
- ❖ As per the report, the school-to-work transition is the process of making students employable in a rapidly changing job market.
- ❖ Due to the lack of coordination, school-to-work transitions in India face significant challenges.

## INTERNATIONAL

### World's fastest crypto adopter

- ❖ The 2022 Global Crypto Adoption Index released by the blockchain researcher Chainalysis.

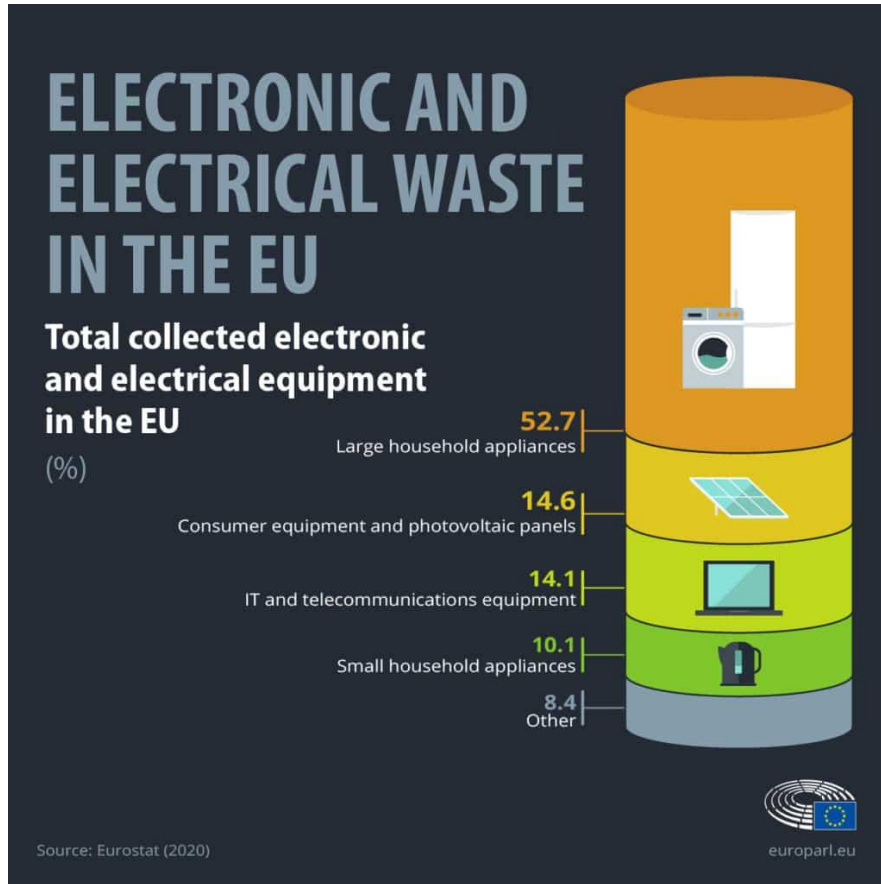
- ❖ It revealed that the Middle East and the North Africa (MENA) region witnessed 48 per cent increase in the volume of cryptocurrency received.
- ❖ This is the highest in the world.
- ❖ This region received cryptocurrency worth 566 billion between July 2021 and June 2022.
- ❖ Turkey currently tops the MENA countries by having highest value of cryptocurrencies received.
- ❖ After MENA, Latin America witnessed the second biggest cryptocurrency growth.
- ❖ It recorded a 40 per cent increase.
- ❖ It was followed by North America at 36 per cent growth and Central Asia, Southern Asia and Oceania at 35 per cent growth.
- ❖ The three MENA countries – Turkey, Egypt and Morocco – were among the top 30 in the index.



### **World's first single charger rule**

- ❖ The European Parliament has approved the new rule to introduce single charging port for electronic gadgets by 2024 in the European Union.
- ❖ It states that all new smartphones, tablets and camera will have a single standard charger.

- ❖ The new rules allow customers to choose between two chargers – one with and one without USB-C chargers while purchasing a handheld device.
- ❖ From 2026, the rules will be expanded to include laptops.
- ❖ The new law aims to minimise e-waste and empower customers to make more sustainable choices.



### **Manesar Anti-Terror Exercise 2022**

- ❖ India is currently hosting the multilateral anti-terror exercise 'Manesar Anti-terror 2022'.
- ❖ It is conducted under the framework of Shanghai Cooperation Organisation (SCO) Regional Anti-Terrorist Structure (RATS).
- ❖ Regional Anti-Terrorist Structure (RATS) is one of the permanent organs of the Shanghai Cooperation Organisation.
- ❖ It has its headquarters in Tashkent, Uzbekistan.
- ❖ The objective of SCO RATS is to facilitate cooperation and coordination against Terrorism, Extremism and Separatism.

- ❖ India assumed the chairmanship of the Council of SCO RATS in Oct 2021.



## ENVIRONMENT

### Bannerman's Turaco



- ❖ The population of the bird species Bannerman's Turaco is deteriorating.
- ❖ This is because of habitat loss and the ancient hunting tradition for obtaining these birds' feathers.
- ❖ This bird species is categorized as Endangered in the IUCN Red List of Threatened Species.
- ❖ There are an estimated 1,500 of these birds in Kilum-Ijim Mountain Forest, situated in northwest part of Cameroon.

- ❖ The red and crimson feathers of these birds have significant cultural importance in Cameroon.

### **Mammal extinction capital of the world**



- ❖ Australia has committed to preventing any animal or plant extinctions in the coming decade.
- ❖ An additional 50 million hectares (124 million acres) of land in Australia, more than 30% of the country, will be protected by 2027.
- ❖ For this, the government created new Threatened Species Action Plan.
- ❖ Under the new policy, 110 “priority species” will be protected over the next 10 years.
- ❖ It is including the koala, the quokka and the northern hairy-nosed wombat.
- ❖ The government has also pledged no new extinctions in the next ten years.
- ❖ Australia has one of the highest rates of species’ extinction in the world.
- ❖ It is driven by the spread of feral animals, climate change and widespread deforestation.
- ❖ In February, koalas were officially listed as an “endangered” species by the government for the first time.

## **PERSONALITIES, AWARDS, AND EVENTS**

### **First Native woman to space**

- ❖ SpaceX launched its crewed space mission to the International Space Station.
- ❖ This crew consists, a Russian cosmonaut, two Americans and a Japanese astronaut.

- ❖ This is the first spaceflight with a Russian launched from US soil in two decades.
- ❖ The commander of this mission is Nicole Mann.
- ❖ She is the first Native American woman to go to space.



## MISCELLANEOUS

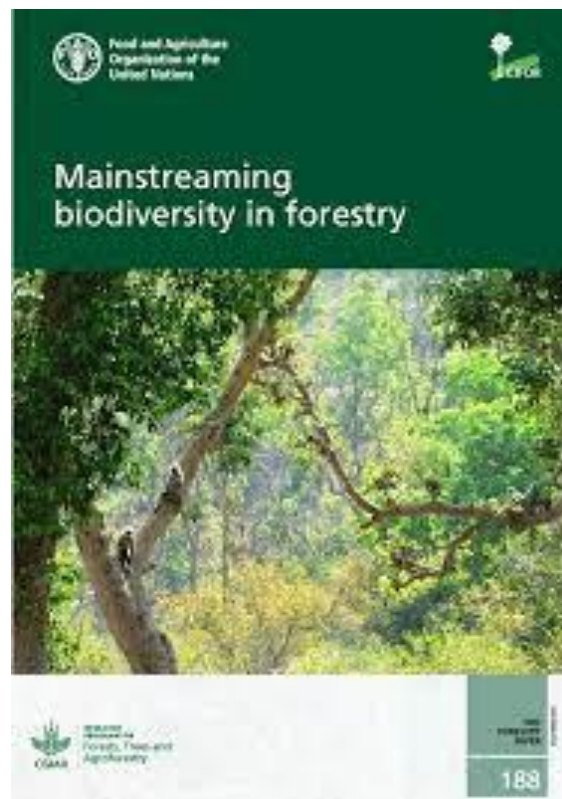
### Global Forest Sector Outlook 2050



- ❖ The report titled “The global forest sector outlook 2050: Assessing future demand and sources of timber for a sustainable economy” was published.

- ❖ It was released recently by the United Nations Food and Agriculture Organization.
- ❖ The consumption of primary processed wood products will increase to 3.1 billion cubic meters by 2050.
- ❖ Their demand may surge by up to 272 million cubic metres by 2050.
- ❖ This is expected to create over 1 million jobs in developing countries.
- ❖ The report also forecasted that the industrial roundwood (IRW) will be vulnerable to uncertainties caused by climate-change.
- ❖ In 2020, about 44 per cent of the IRW production was provided by regenerated temperate and boreal forests.
- ❖ In 2020, the global consumption of fuelwood was 1.9 billion cubic meters.
- ❖ In 2050, this figure is expected to increase 11 to 42 per cent by reaching 2.1 to 2.7 billion cubic meters.

### **Report on 'Mainstreaming Biodiversity in Forestry'**



- ❖ The report was produced through a partnership between Food and Agricultural Organization (FAO) and the non-profit Centre for International Forestry Research (CIFOR), the lead centre of the CGIAR (Consultative Group

- for International Agricultural Research) Research Program on Forests, Trees and Agroforestry.
- ❖ In 2019, the FAO adopted the Strategy on Mainstreaming Biodiversity across Agricultural Sectors.
  - ❖ Mainstreaming biodiversity means embedding biodiversity considerations into policies, strategies and practices of key public and private actors to promote the conservation and sustainable use of natural resources.
  - ❖ CGIAR is a global partnership that unites international organisations engaged in research about food security.
  - ❖ Forests cover 31 per cent of the world's land surface & store an estimated 296 gigatonnes of carbon.
  - ❖ The world's forests provide habitats for about 80 per cent of amphibian species, 75 per cent of bird species and 68 per cent of mammal species.
  - ❖ In addition, about 60 per cent of all vascular plants occur in tropical forests.

