



## Rapid Fire Current Affairs

### Resource Efficiency Circular Economy Industry Coalition

Recently, the Union Minister for Environment, Forest and Climate Change launched the **Resource Efficiency Circular Economy Industry Coalition (RECEIC)** during the **4th G-20 Environment and Climate Sustainability Working Group (ECSWG)** meeting in Chennai.

- The ECSWG aims to enhance cooperation among the [G20 nations](#) for a **sustainable future**.
- RECEIC, with 39 multinational corporations, aims to **adopt resource efficiency and circular economy** principles to **address environmental challenges from waste**.
- It focuses on tackling **waste-related issues like plastics, microplastics, e-waste, and chemical waste**.
- India's efforts in mitigating plastic waste burdens through [Extended Producers' Responsibility \(EPR\)](#) guidelines are emphasized.
  - **41 lakh tonnes of plastic waste generated in India in 2021-22**, with 30 lakh tonnes allocated to registered recyclers and plastic waste processors.
  - 2.6 million tonnes worth of EPR certificates generated by plastic waste processors, with around 1.51 million tonnes purchased by PIBOs against 2022-23 obligations.

Read more: [India's Circular Revolution](#)

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### Impact of Pollen Diversity on Honeybee Diets

Researchers from **Texas A&M AgriLife Research** seek insights into the **impact of pollen diversity on honeybee diets** and their regulation of pollen collection and consumption.

- Honeybees **balance their protein-lipid intake**, ensuring they **do not overconsume either nutrient beyond what is required**.
- **Inadequate nutrition and landscape transformations** are two significant contributors to the **decline of over 40% of managed honeybees in the United States annually**.
  - Nutritional deficits can have adverse negative impacts on bees and colonies.
- The researchers' primary hypothesis is that **honeybees tightly control their multiple nutrient intakes using a two-level process**.
  - First, foragers judiciously gather **pollen based on its nutritional content**.
  - Next, nurse bees selectively **feed on accumulated pollen, or bee bread, to balance their nutrient intake**.
- The findings of the research will equip beekeepers with valuable insights, enabling them to **provide essential dietary supplements and improve the health of their colonies**.

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### India Hosts Asian Youth & Junior Weightlifting Championships 2023

Recently, the **Asian Youth and Junior Weightlifting Championships 2023** was inaugurated at **Gautam Buddha University, Greater Noida**.

- It is the first time India is hosting this event. The championship sees the participation of **15+ nations from Asia**.
- India's weightlifters recently won a record-breaking **61 medals at the Weightlifting**

## Commonwealth Championships.

Read more: [Role of Sport in Aspirational India](#)

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## FDA Approves Over-the-Counter Birth Control Pill Opill

The U.S. FDA recently approved **Opill, the first over-the-counter birth control pill.**

- **Opill is a progestin-only pill** that uses a synthetic hormone called **norgestrel to prevent pregnancy** by thickening cervical mucus and thinning the uterus lining.
  - Opill is **advised for breastfeeding mothers**, those intolerant to **estrogen**, and individuals with certain health conditions.
- It is **not recommended to use Opill** with other hormonal birth controls or as an emergency **contraceptive.**

Read more: [Medical Termination of Pregnancy \(MTP\) Amendment Act, 2021](#)

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