

Global Methane Tracker 2024

By IAS Toppers | 2024-03-15 15:30:00



Environment, Ecology & Disaster Management

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The International Energy Agency (IEA) has released its Global Methane Tracker 2024.



[Ref: DTE]

Key highlights of Global Methane Tracker 2024:

- In 2023, methane emissions from the **energy sector** remained alarmingly high, reaching approximately **120 million tonnes (Mt)**.
- **Bioenergy** sources added another **10 Mt** of methane emissions.
- Approximately **80 Mt** (about **70%**) of methane emissions from **fossil fuels** were attributed to the **top ten emitting countries**.
- The **United States** is identified as the leading contributor to methane emissions from **oil and gas operations**, followed by **Russia**.
- **China** is highlighted as the foremost emitter of **coal operations**.
- Despite some regional declines, the global methane emission levels are still too high to meet the [Paris Agreement](#) objectives, especially limiting warming to **1.5°C**.
- A reduction of **75%** in methane emissions from **fossil fuels by 2030** is necessary to meet these climate goals.
- Achieving this target requires an estimated investment of about **US \$170 billion**, less than **5%** of the fossil fuel industry's income in 2023.