

Methane Alert and Response System

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Methane Alert and Response System Latest News

Recently, the UN Environment Programme's International Methane Emissions Observatory (IMEO) announced that its Methane Alert and Response System will be expanded to cover coal mines and waste facilities.

About Methane Alert and Response System

- It is a **data-to-action platform** set up as part of **UNEP's International Methane Emissions Observatory (IMEO) mission**.
- It **aims** to put **open, reliable and actionable data** into the hands of those who can reduce emissions.
- It is the first public **global satellite detection and notification system** providing actionable data on very **large methane emissions around the world**.
- It was announced at the **United Nations Climate Change Conference's Conference of Parties (COP 27) in November 2022** and began its initial pilot phase in January 2023.
- **Objective:** It uses satellites to **scan the globe for major emission sources** and alerts countries and companies so that they can take methane action and accelerate progress supporting the **Paris Agreement**

and Global Methane Pledge.

Working of Methane Alert and Response System

- **Detection of large sources** of human-caused methane emissions.
- **Notification of relevant countries** and companies about these detected emissions.
- **Response from notified stakeholders** to address the emissions.
- **Tracking progress of actions taken** to reduce emissions and collaboration to prevent future methane.

What is the International Methane Emissions Observatory (IMEO)?

- It was launched at the **G20 Leaders Summit in 2021**.
- It focused initially on emissions of Methane from the fossil industry.
- It reconciles methane data from scientific measurement studies, satellites through the **Methane Alert and Response System (MARS)**, rigorous industry reporting through the **Oil and Gas Methane Partnership 2.0 (OGMP 2.0)**, and national inventories.
 - The **Oil & Gas Methane Partnership 2.0 (OGMP 2.0)** is **UNEP's flagship programme** that includes a partnership of companies to improve the accuracy and transparency of methane emissions data from the oil and gas sector through a committed framework.

Source: **DTE**

Source: <https://vajiramandravi.com/current-affairs/mars/>

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