

U.S. Department of State

Methane Mitigation from Pledges to Plans to Progress



Ilissa Ocko, Ph.D.
Senior Advisor
Office of the Special
Presidential Envoy for Climate
U.S. Department of State

Office of the Special Presidential Envoy for Climate (SPEC) has made methane mitigation a **priority**



30% of current warming and **fastest** way to curb the climate crisis



Strategies available to cut emissions in **half**, many affordable



Global reach that leverages work of domestic agencies

Priority areas

Driving

PLEDGES

US and EU launched Global Methane Pledge in 2021, now has **155+** country participants

Facilitating

PLANS

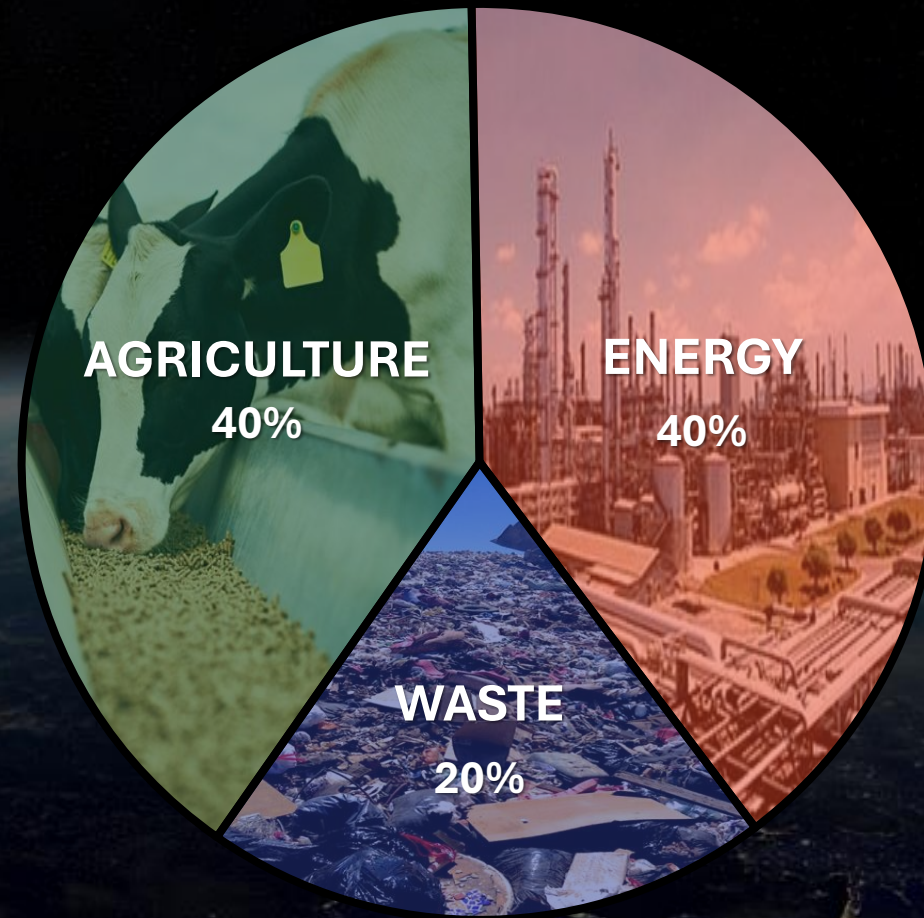
90+ countries have released or are developing methane action plans

Securing

PROGRESS

Working across **all sectors** and with **major emitters** to implement projects and strengthen policies, while facilitating **data tools** and mobilizing **funding**, and with many agency and international **partners**

Securing progress across **all sectors**



Current global methane emissions
UNEP Global Methane Assessment 2021

Securing progress by **major emitters**



The screenshot shows the U.S. Department of State website. At the top left is the Department of State seal and the text 'U.S. DEPARTMENT of STATE'. To the right are navigation links for 'Newsroom', 'Business', 'Employees', 'Job Seekers', 'Students', 'Travelers', and 'Visas', along with social media icons for Facebook, X, Instagram, YouTube, and Email. Below this is a secondary navigation bar with 'POLICY ISSUES', 'COUNTRIES & AREAS', 'BUREAUS & OFFICES', and 'ABOUT', each with a dropdown arrow, and a search icon. The breadcrumb trail reads: 'Home > Office of the Spokesperson > Press Releases > Sunnylands Statement on Enhancing Cooperation to Address the Climate Crisis'. The main heading is 'Sunnylands Statement on Enhancing Cooperation to Address the Climate Crisis' with three stars above it. Below the heading are the labels 'MEDIA NOTE' and 'OFFICE OF THE SPOKESPERSON', and the date 'NOVEMBER 14, 2023'.

Recalling the meeting between President Xi Jinping and President Joseph R. Biden in Bali, Indonesia, the United States and China reaffirm their commitment to work jointly and together with other countries to address the climate crisis. In this regard, U.S. Special Presidential Envoy for Climate John Kerry and China Special Envoy for Climate Change Xie Zhenhua met in Beijing from 16 to 19 July 2023 and at Sunnylands, California, from 4 to 7 November 2023 and released the following:

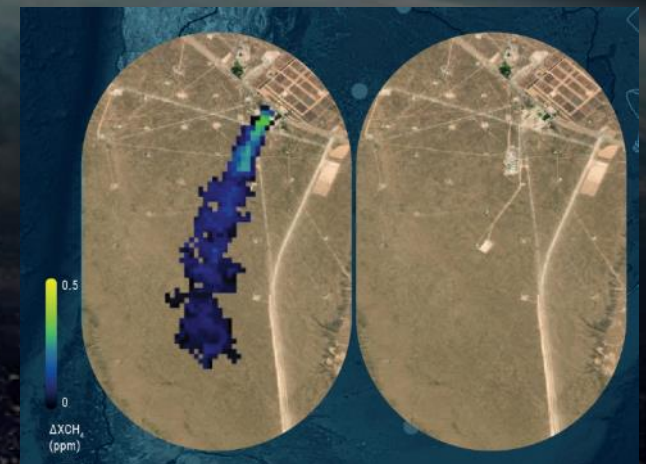
Methane and Other Non-CO2 GHG Emissions

10. The two countries will implement their respective national methane action plans and intend to elaborate further measures, as appropriate.
11. The two countries will immediately initiate technical working group cooperation on policy dialogue, technical solutions exchanges, and capacity building, building on their respective national methane action plans to develop their respective methane reduction actions/targets for inclusion in their 2035 NDCs and support each country's methane reduction/control progress.
12. The two countries intend to cooperate on respective measures to manage nitrous oxide emissions.
13. The two countries intend to work together under the Kigali Amendment to phase down HFCs and commit to ensure application of ambitious minimum efficiency standards for all cooling equipment manufactured.

Securing progress by facilitating **data tools**



International
Methane Emissions
Observatory
**Methane Alert and
Response System
(MARS)**



<https://methanedata.unep.org/>

Securing progress by mobilizing **funding**



Agency and international **partners**

EPA

USTDA

**UNEP Climate and
Clean Air Coalition**

USAID

EXIM

**UNEP International
Methane Emissions
Observatory**

USDA

DFC

World Bank

DOE

COMMERCE

Regional MDBs

DOT

**U.S. Chamber +
Business Councils**

Upcoming milestones: **COP29**



Methane and Non-CO2 Greenhouse Gases Summit

hosted by US, China, and COP29
Presidency of Azerbaijan

Global Methane Pledge Ministerial

hosted by US, EU, CCAC

Upcoming milestones: 2035 NDCs



Support Global Stocktake consensus

39. *Reaffirms* the nationally determined nature of nationally determined contributions and Article 4, paragraph 4, of the Paris Agreement and *encourages* Parties to come forward in their next nationally determined contributions with ambitious, economy-wide emission reduction targets, covering all greenhouse gases, sectors and categories and aligned with limiting global warming to 1.5 °C, as informed by the latest science, in the light of different national circumstances;

Why methane mitigation is a **must**

1 **Possible**

Numerous strategies available to slash methane emissions

2 **Practical**

Many cost-effective opportunities and co-benefits

3 **Powerful**

Large climate and societal benefits from action