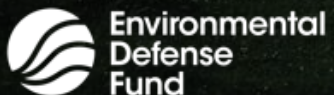


A Comprehensive Toolkit Approach to Methane Reduction

John Tauzel
Senior Director, Global Agriculture Methane
Environmental Defense Fund

CA Dairy Sustainability Summit
26 March 2024





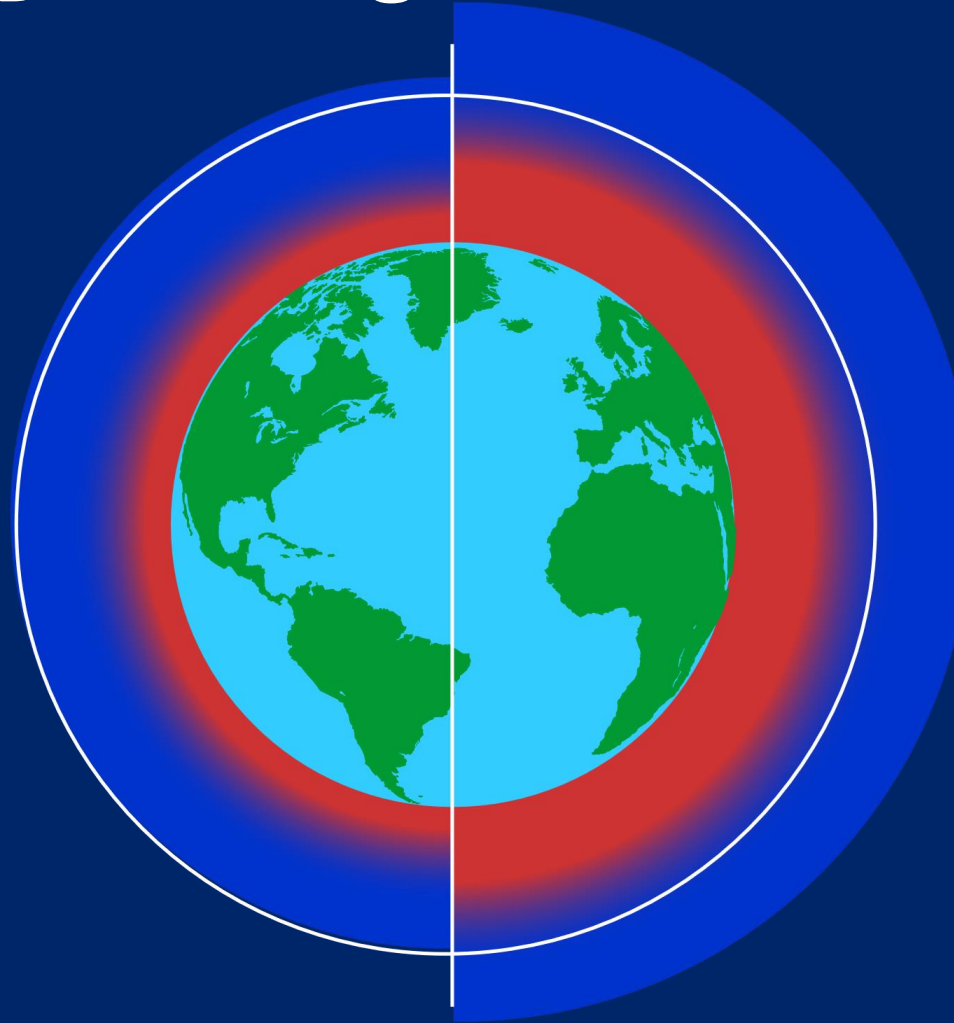
Environmental Defense Fund

**Building a vital
earth for everyone**

Reducing methane now is the fastest way to slow global warming.

100-YEAR TIMELINE

Methane's global warming potential is 8-34 times that of CO₂



20-YEAR TIMELINE

Methane's global warming potential is 84-86 times that of CO₂



**Ensuring vital
nutrition for
everyone**

**Supporting the vital
need for economic
security**

Image: ©Apollo Habtamu via FAO

Climate is the challenge
Climate is an opportunity



Champions will drive change



Dairy Sustainability Framework

REPORTING SECTOR PROGRESS SINCE 2013

Pathways to Dairy Net Zero

US Dairy Net Zero Initiative



Champions will drive change



Solutions look different depending on farming systems



Image Credit: California Jerseys

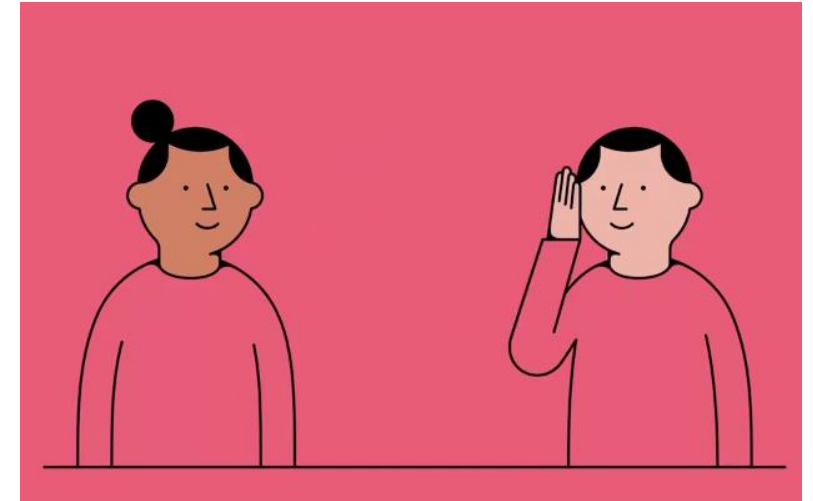
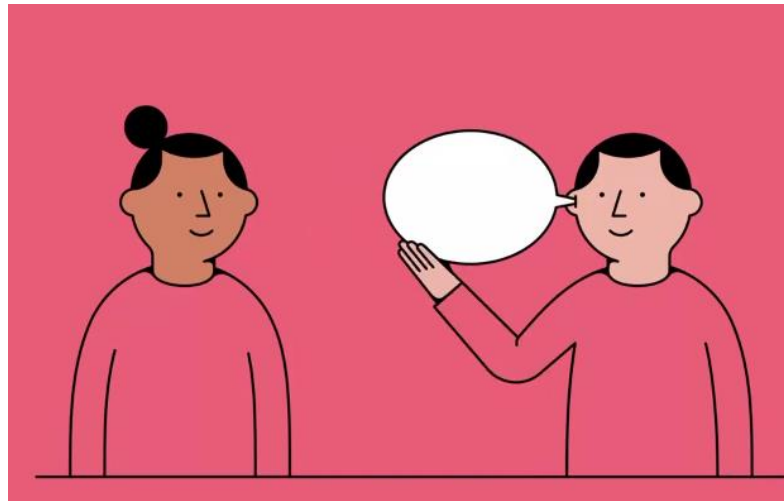
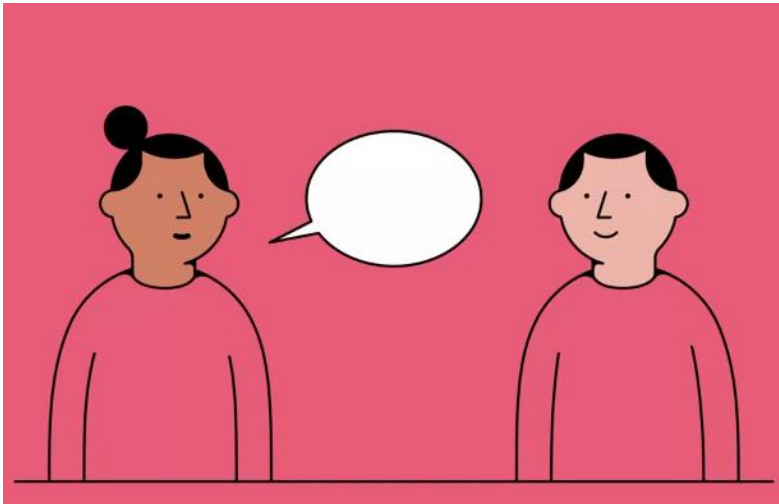
Sustainability is a journey



Supporting a just transition

Principles of successful community engagement

- Increase **citizens' knowledge**
- Encourage citizens to **co-create** additional knowledge
- **Improve the community** or address the identified problem
- Create **future opportunities** for citizens **to engage** each other





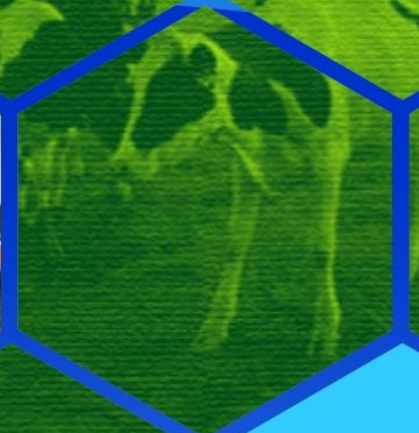
Environmental
Defense
Fund



CH₄



DAIRY METHANE ACTION ALLIANCE (DMAA)



The **Dairy Methane Action Alliance** is an unprecedented convening of global food companies to spur action and transparency to drive down dairy methane emissions.

These companies have committed to two milestones:

1. Annually disclose methane emissions in dairy supply chains starting in 2024.
2. Publish an action plan by the end of 2024 that lays out a pathway to reduce those emissions.

Founding signatories include the **Bel Group, Danone, General Mills, Lactalis USA, Kraft Heinz, and Nestle.**



Thank you

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