



OIL AND GAS CLIMATE INITIATIVE

Guiding the industry towards near zero methane

Lauren Ward

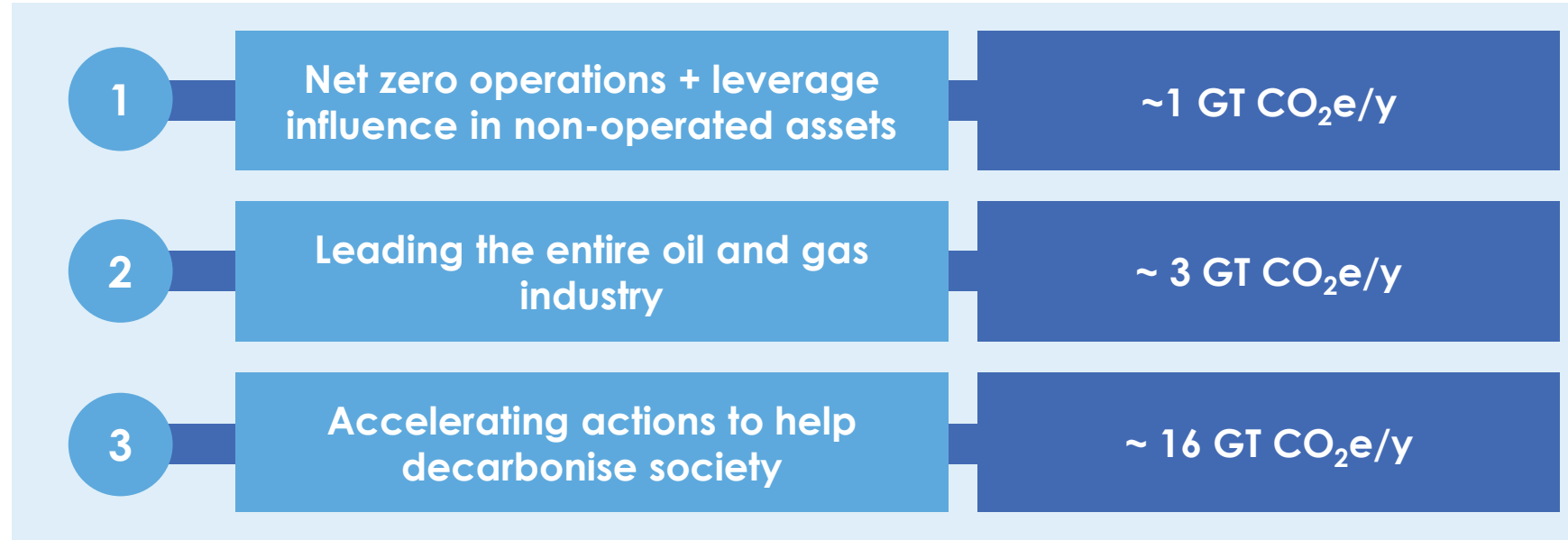
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OUR MEMBER COMPANIES



The Oil and Gas Climate Initiative

Our strategy to catalyse climate impact



Our member companies

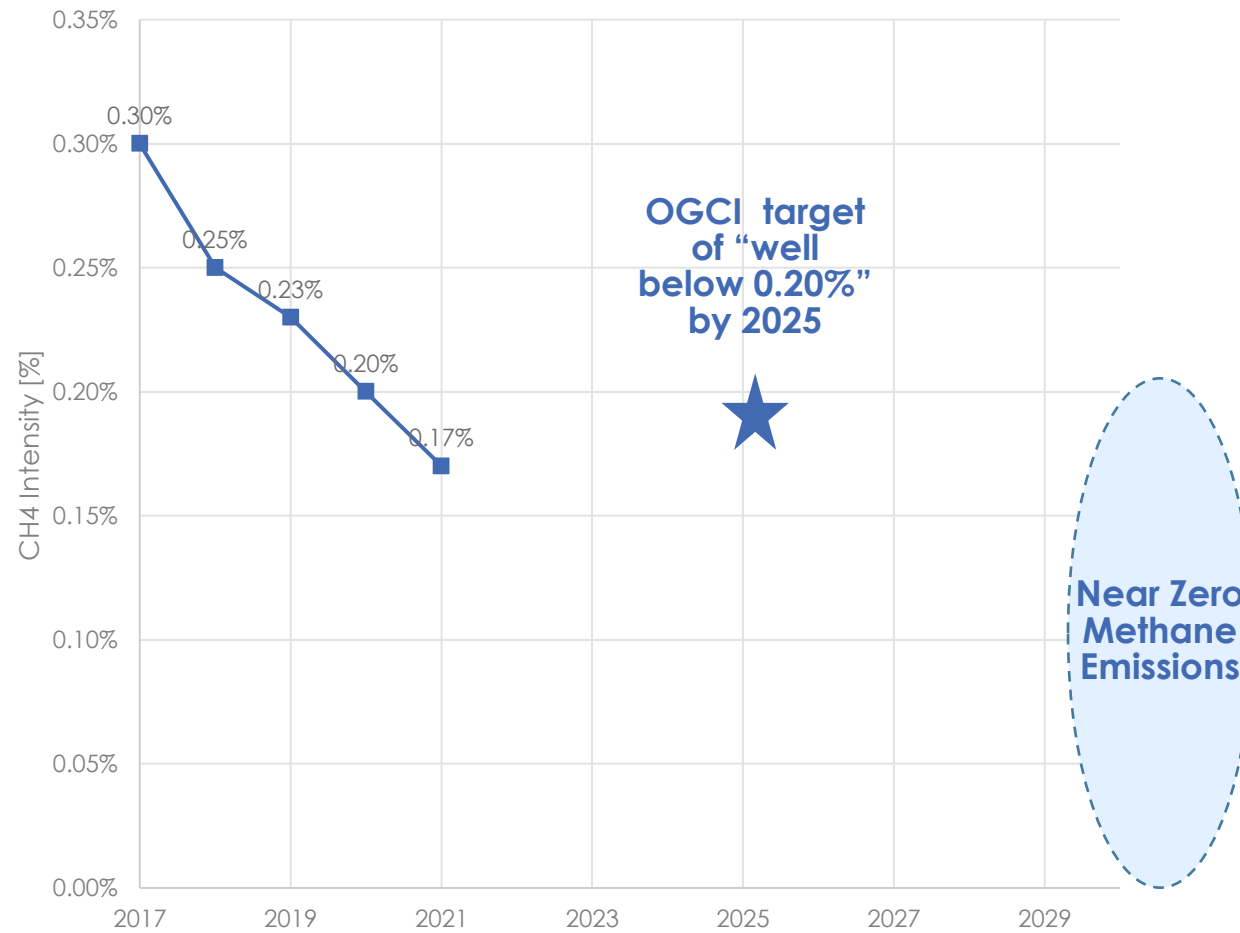


Our focus areas



#1 Target setting – OGCI Upstream Methane Intensity Target

OGCI Upstream Methane Intensity Target & Aiming for Zero by 2030



- OGCI set a **collective upstream methane intensity target of 0.20%** in 2017.
- OGCI member companies met their target in 2021 – four years early.
- They did it by focusing on addressing leaks, flaring and venting.
- OGCI's 0.2% target for methane intensity is now **frequently used as an industry standard**.
- OGCI now aims for **"well below 0.20%" by 2025** and **near zero by 2030**.

#2 A new ambition on methane: Aiming for Zero



The Aiming for Zero initiative aims to **eliminate** the oil and gas industry's methane footprint by **2030**.

“treats methane emissions as seriously as the oil and gas industry already treats safety. We aim for zero and we strive to do what is needed to get there”

Size of the prize: 2 Gt CO₂e per year

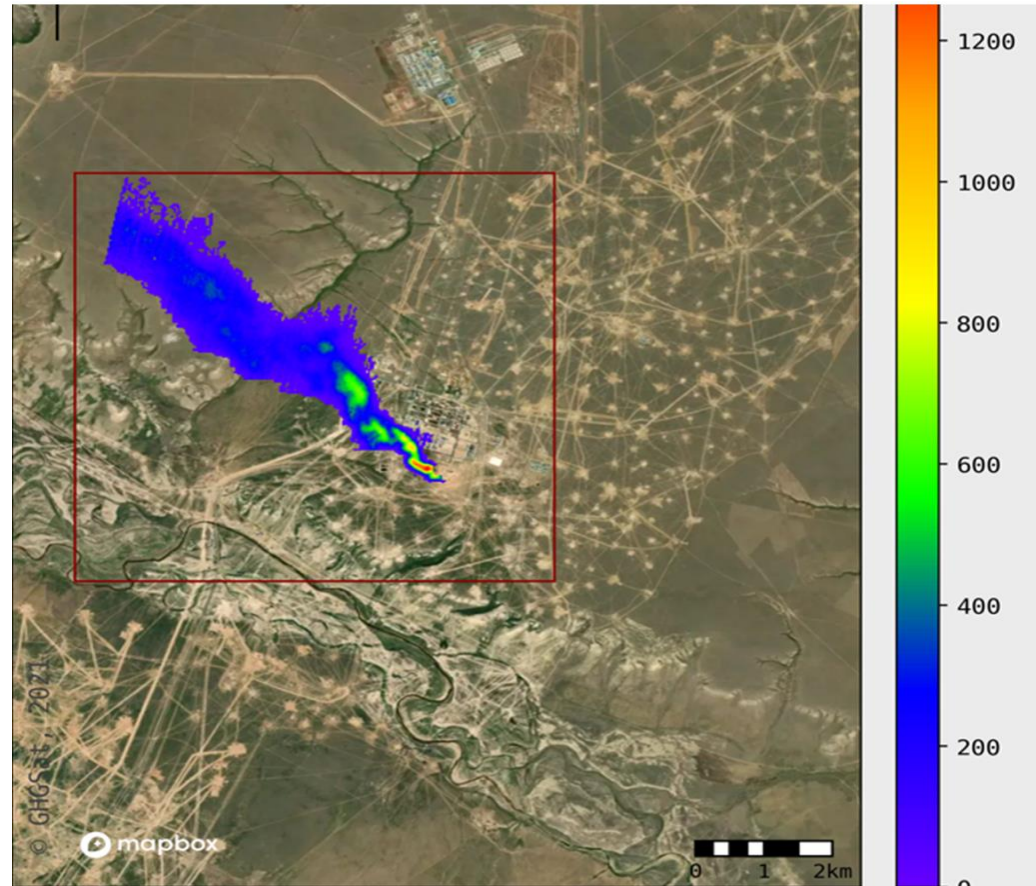
O&G industry answer to the **Global Methane Pledge**

100+ Signatories & Supporters and counting

COP28 Presidency leveraged most of the language for future 2023 Dubai Announcement.

#3 Mitigating methane emissions and supporting broader industry

Using GHGSat technology to mitigate methane emissions in developing countries



Three core objectives:

- 1 Take practical, tangible action to reduce CH₄ emissions.
- 2 Demonstrate how satellite-based detection technologies can be used and integrated as part of a broader LDAR campaign.
- 3 Share resources and knowledge on methane emission reduction with the rest of the oil and gas industry

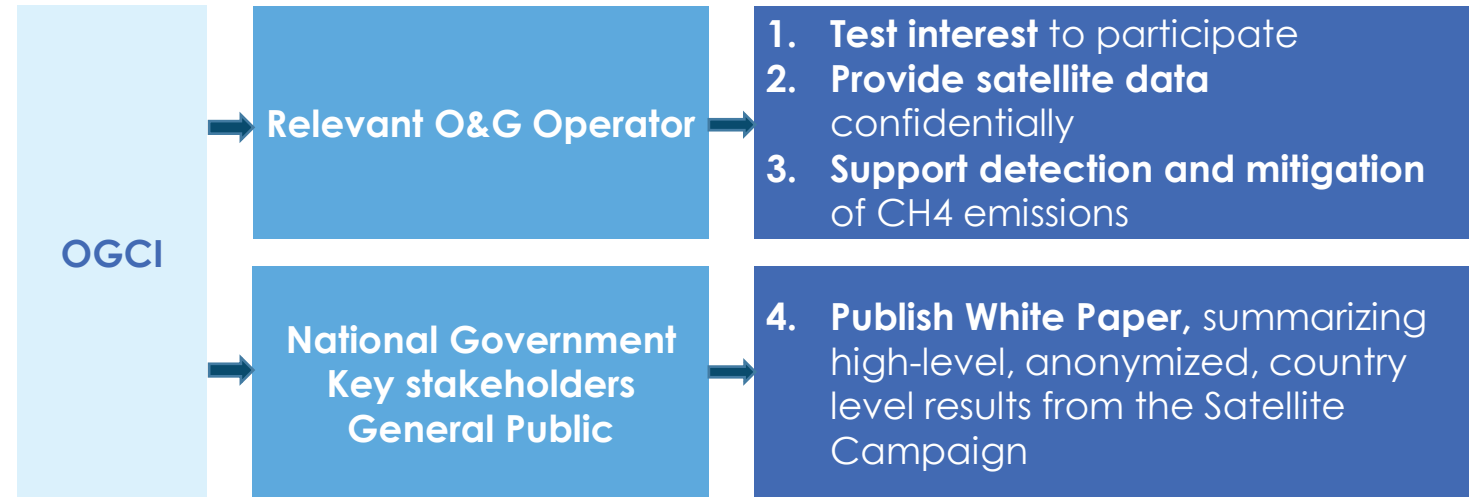
Key Components

- Targeted (GHGSat)
- O&G only
- Impact-focused
- Peer to peer & long term
- Confidential
- Playbook of options
- OGCI funded

Campaign run over:

- Iraq
- Algeria
- Kazakhstan
- Egypt

Engagement & Satellite Data Sharing Processes

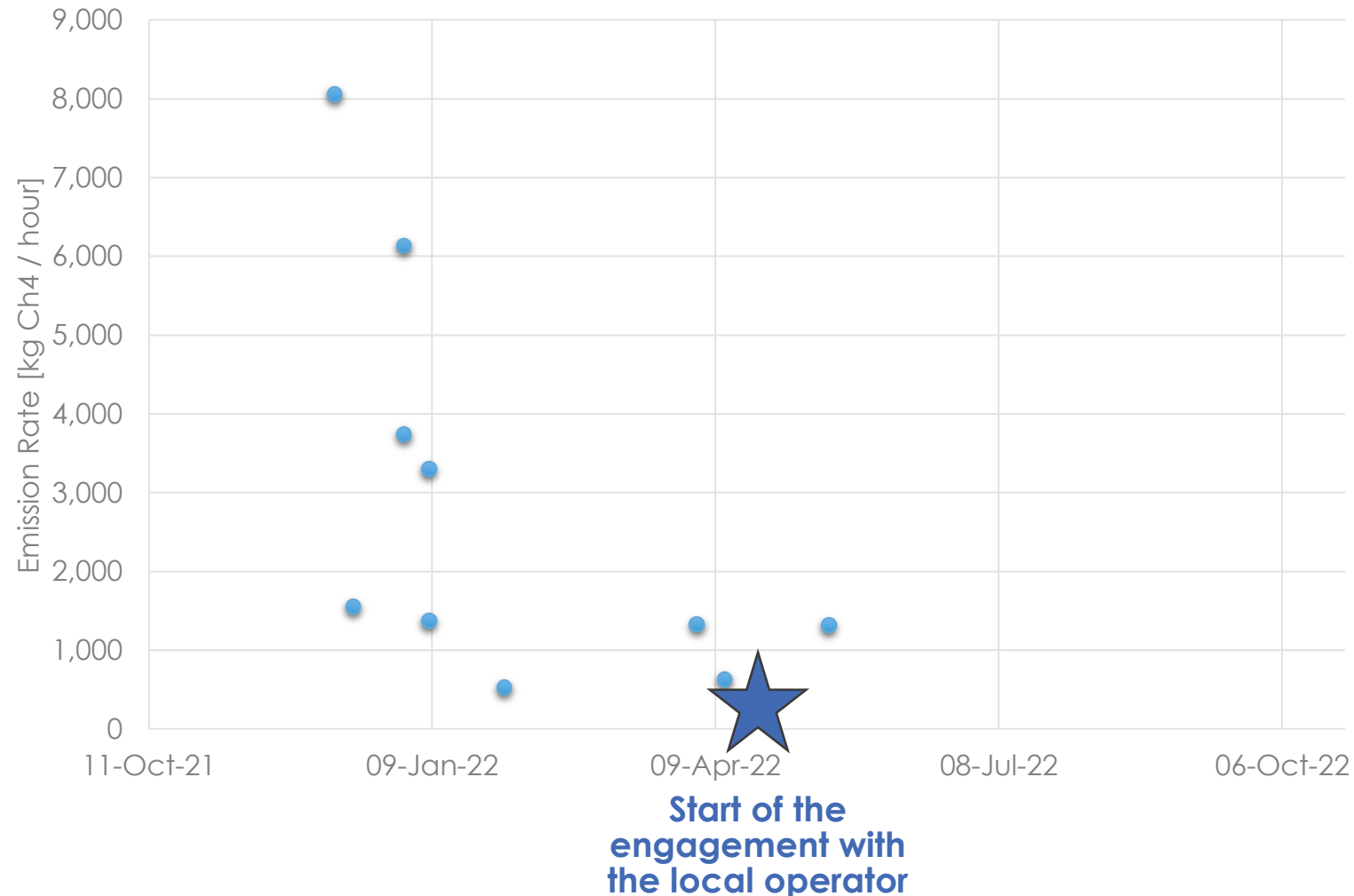


High level results from 1 country Campaign

Number of plumes detected per month per monitored asset (with number of successful observations per month in brackets)

	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22
Site 1	0 (1)	4 (3)	2 (1)	1 (1)	0 (1)	2 (2)	1 (1)	0 (1)	0 (7)	0 (2)
Site 2	0 (1)	0 (1)	0 (2)	0 (1)	0 (1)	0 (1)	0 (2)	0 (5)	0 (10)	0 (2)
Site 3	0 (0)	0 (0)	0 (1)	0 (2)	0 (3)	0 (1)	0 (1)	0 (4)	0 (8)	0 (5)
Site 4	0 (0)	0 (1)	0 (1)	1 (2)	0 (1)	0 (1)	0 (2)	1 (4)	0 (8)	0 (5)
Site 5	0 (1)	1 (1)	0 (1)	0 (1)	7 (3)	0 (0)	0 (1)	0 (3)	2 (3)	0 (0)
Site 6	0 (0)	0 (0)	3 (2)	2 (1)	1 (1)	2 (1)	2 (2)	0 (3)	1 (4)	3 (1)

Satellite Detections over Site 1 - Iraq



Engagement with local operator still ongoing today:

- Satellite Data Sharing
- Investigation of plumes and sources of methane emissions → **elimination of continuous CH₄ plume ranging 0.5 to 8 tCH₄ / hour.**
- 30+ hours of training on (1) detection, (2) quantification, (3) reporting frameworks, (4) mitigation of plumes
- Introduced to external stakeholders (consultants, OGCI member companies, tech service providers, etc.)



Thank you
We welcome any questions

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