



Sharing experiences for a comprehensive Methane Management – Eni Global Natural Resources

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Bologna

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Agenda



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Eni Methane Management

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Eni Strategy for OGMP 2.0

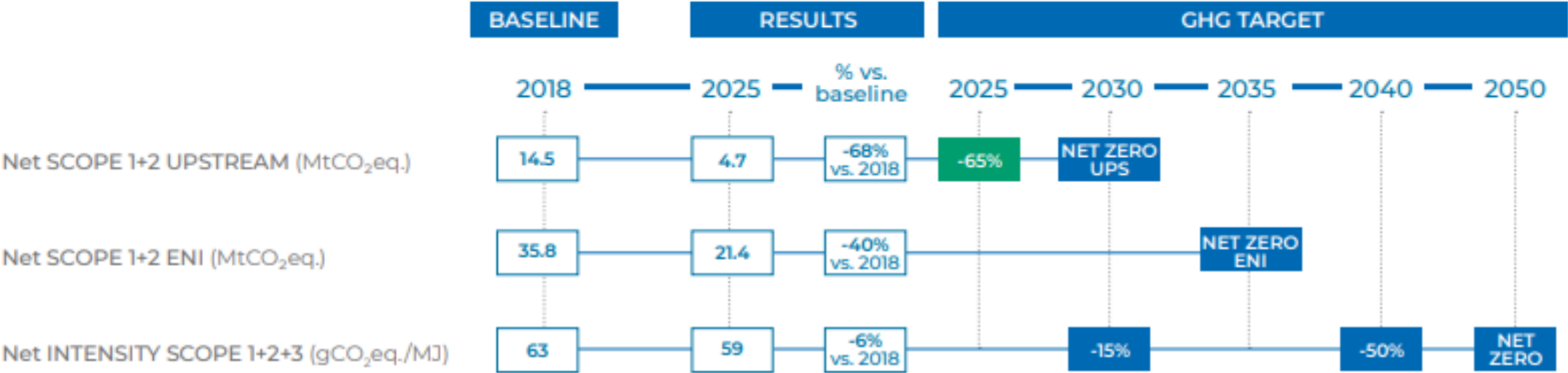
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2025 – OGMP 2.0 Jointly Operated Assets Case Study



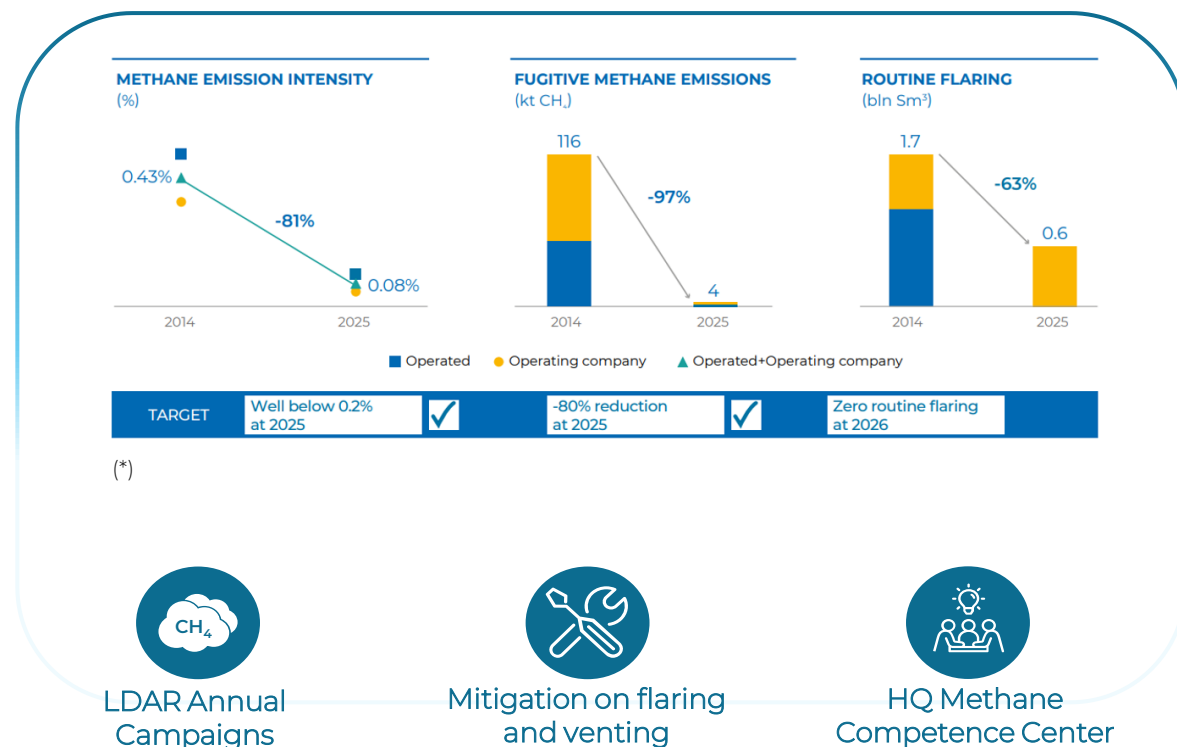
Eni Methane Management

Emissions targets



(*) Eni For a Just Transition – Sustainability Report 2025 –Page 49-50

Eni Upstream Decarbonization Path



Key Pillars:

- ✓ Net zero emissions in 2030 (Scope 1+2) UPS and Net Zero Intensity (scope 1+2+3) for Eni Group in 2050
- ✓ Target aiming for zero methane emissions by 2030

Leadership on Methane Emissions:

- ✓ 80% reduction of Upstream fugitive emissions in 2019 vs. 2014 through LDAR campaigns;
- ✓ Additional reductions from 2019 to 2025 (-97% vs 2014);
- ✓ 0.08% methane intensity in 2025 respect to OGCI target of 0,2% in 2030.
- ✓ OGMP Gold Standard Reporting in 2024 & 2025
- ✓ MOI signed with NOCs for capacity building and training on decarbonization actions

Eni Partnership and Methane Targets



Zero routine Flaring
@2030

2003



Well below 0.2%
methane intensity for
Upstream @2025 (vs.
2014)

2014



OGMP 2.0
Gold Standard Reporting

2020



-30% of global methane
emission reduction by
2030 compared to 2020

2020



Net zero Scope 1+2
emissions by 2050

2023



Partnership with World
Bank on Flaring
reduction initiatives

2024

GGFR partnership led by the World Bank which aims to reduce the practice of flaring globally by 2030. Eni declared to anticipate the zero routine flaring by 2025.

OGCI (Oil & Gas Climate Initiative): the Oil and Gas Climate Initiative is a CEO-led initiative that aims to accelerate the industry response to climate change. OGCI member companies explicitly support the Paris Agreement and its aims. Target:

- Methane intensity target well below 0,2% (Vs2014)
- Aiming for Zero Emissions

Oil & Gas Methane Partnership 2.0 (OGMP 2.0) multi-stakeholder initiative launched by UNEP and the Climate and Clean Air Coalition. The OGMP 2.0 is a measurement-based reporting framework for the oil and gas industry that improves the accuracy and transparency of methane emissions reporting.

The **Global Methane Pledge (GMP)** was launched at COP26 by the European Union and the United States. Participants joining the Pledge agree to take voluntary actions to contribute to a collective effort to reduce global methane emissions.

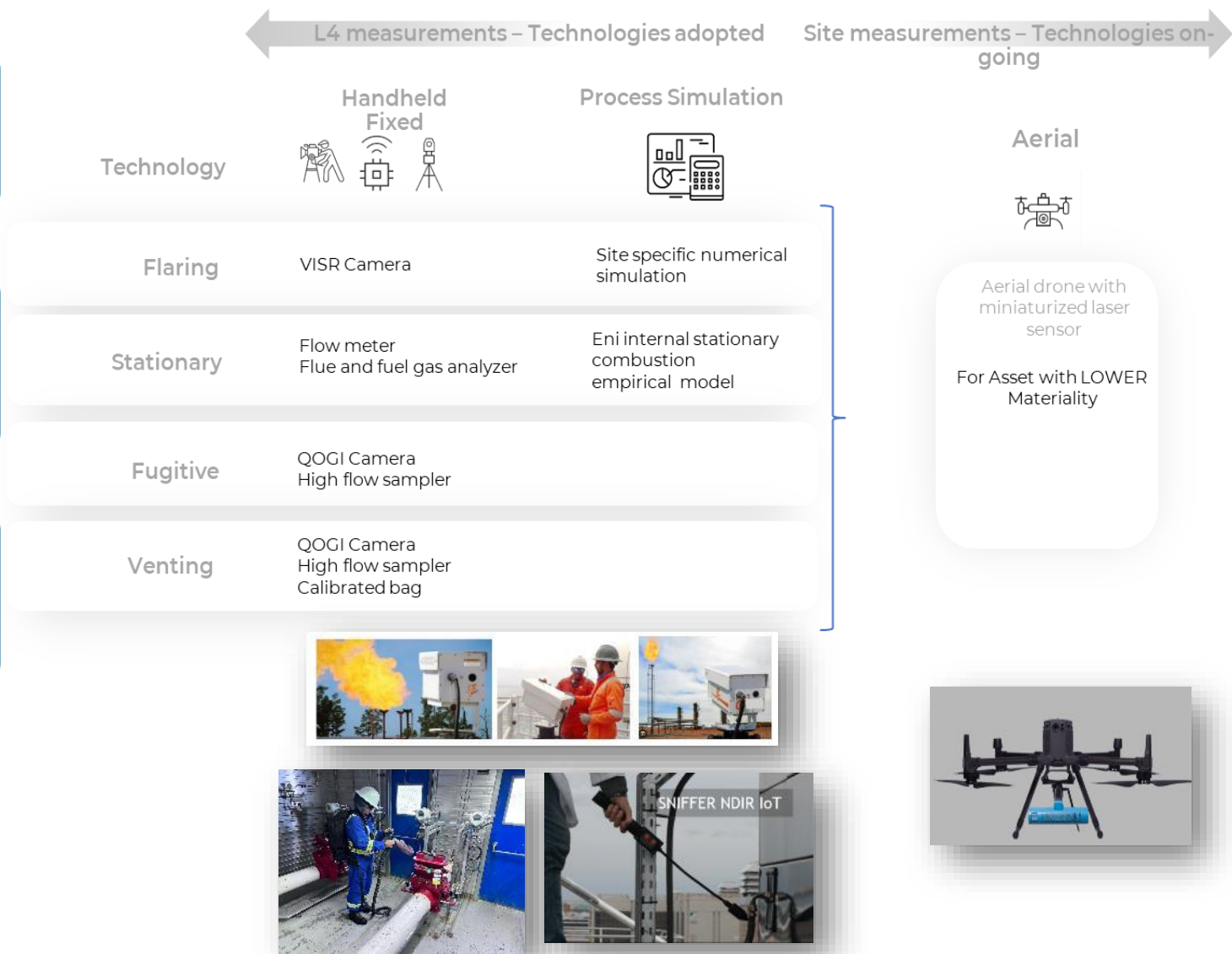
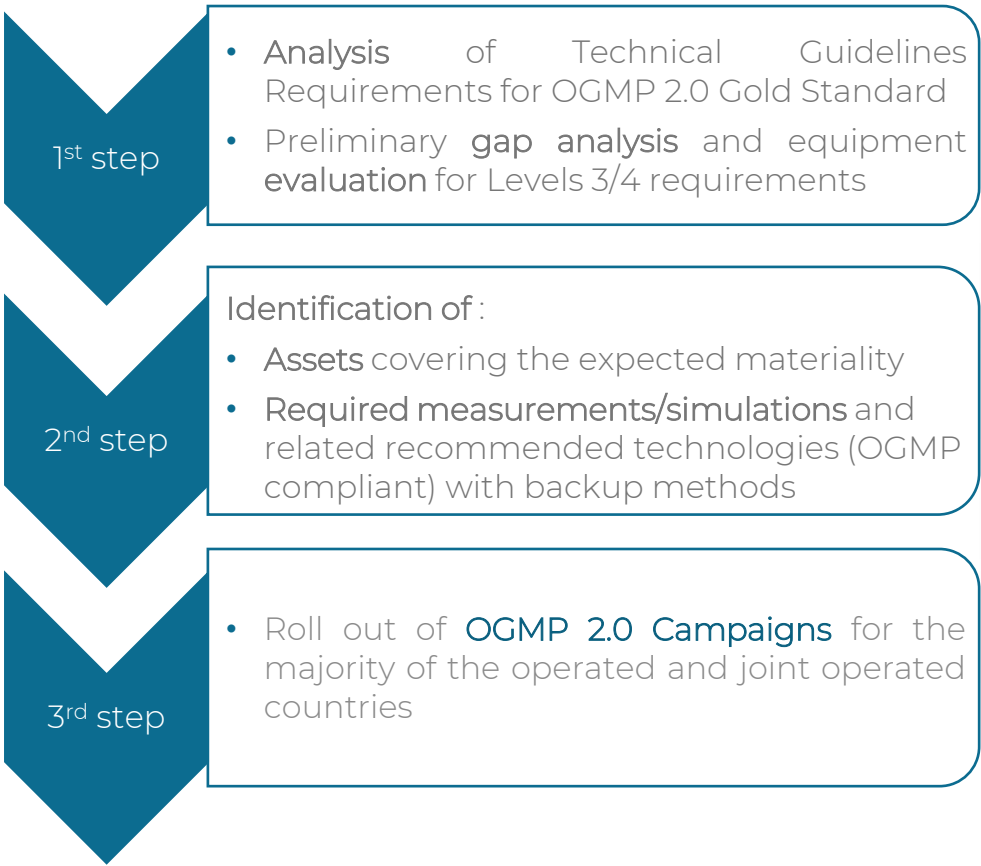
The **Oil & Gas Decarbonization Charter (OGDC)** was launched at COP26. It is collaboration to accelerate the decarbonization of the global oil and gas sector by fostering inclusive industry cooperation and knowledge sharing.

GFMR (Global Flaring and Methane Reduction) partnership led by the World Bank to finance flaring reduction initiatives in low income Countries



Eni Upstream Initiatives for OGMP 2.0 Compliance

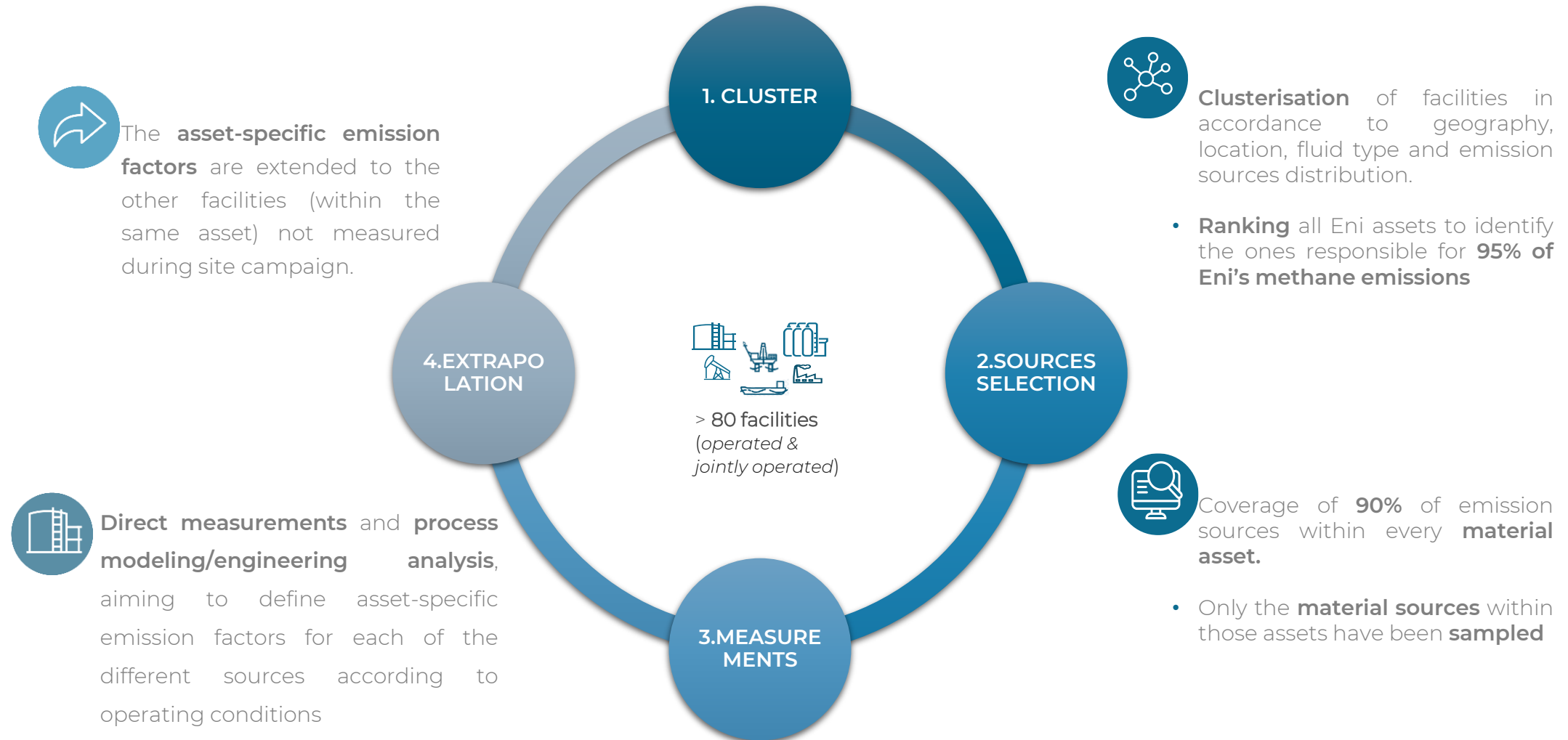
Eni Strategy for OGMP 2.0



Methodology Adopted - Technical



- Methodology in line with OGMP Technical guidelines
- Target : Ensure the quantification of methane emissions for main material assets (**Operated and Jointly operated assets**)
- Iterative method to ensure OGMP requirement fulfillment



Engagement Strategy. A multidisciplinary Effort



Measurement

- **Materiality Analysis** – Operated and Jointly Operated Assets Methane data collection and elaboration – *Eni HQ Multi Team*
- **Campaign planning** - Planning of OGMP campaign including Operated and Jointly Operated Assets– *Eni HQ Multi Team*
- **Field Campaign** - Implementation of OGMP campaign using Eni Contractors – *Eni HQ Multi Team + First Party*



Concurrence

- **Costs:** Budget definition and sharing of the costs - *Eni HQ Multi Team + First Party*
- **Contract Strategy:** Availability of Eni OGMP Contract



Engagement

- **Results:** Sharing of the results and presentation to First Party
- **Training** on OGMP and Methane accounting
- **Workshops** on OGMP extended to NOCs
- **Supporting the adherence** of First Parties to OGMP 2.0

A long standing success story: tackling Fugitive Emissions



How Eni Upstream tackled Fugitive Emissions with a progressive approach

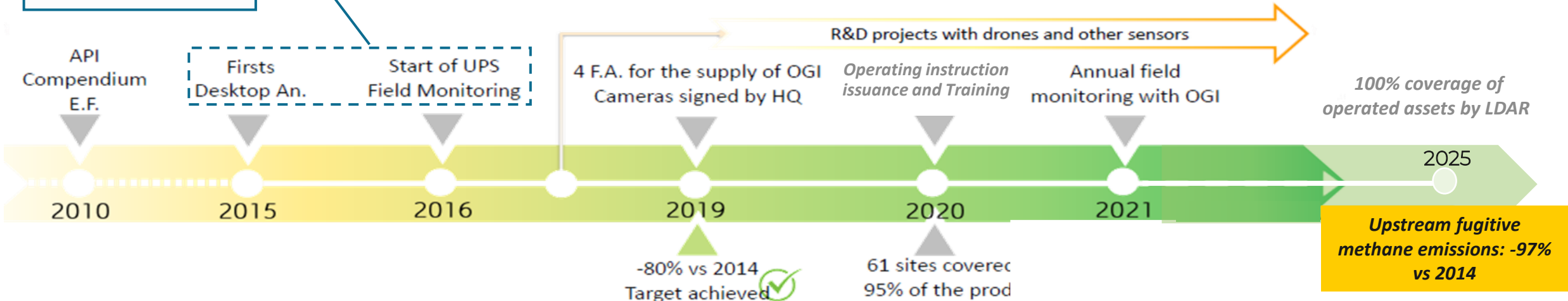
Starting from 2016, Eni has conducted periodic **campaigns for the identification and quantification of fugitive emissions on 60+ assets worldwide**, covering now +99% of total production.



The results of the first steps of those campaigns (**desktop studies**), **showed an average 70% decrease in fugitive emissions estimations** compared to API GHG Compendium Facility level Emission Factors.

Desktop Studies
Average -70% in fugitive emissions

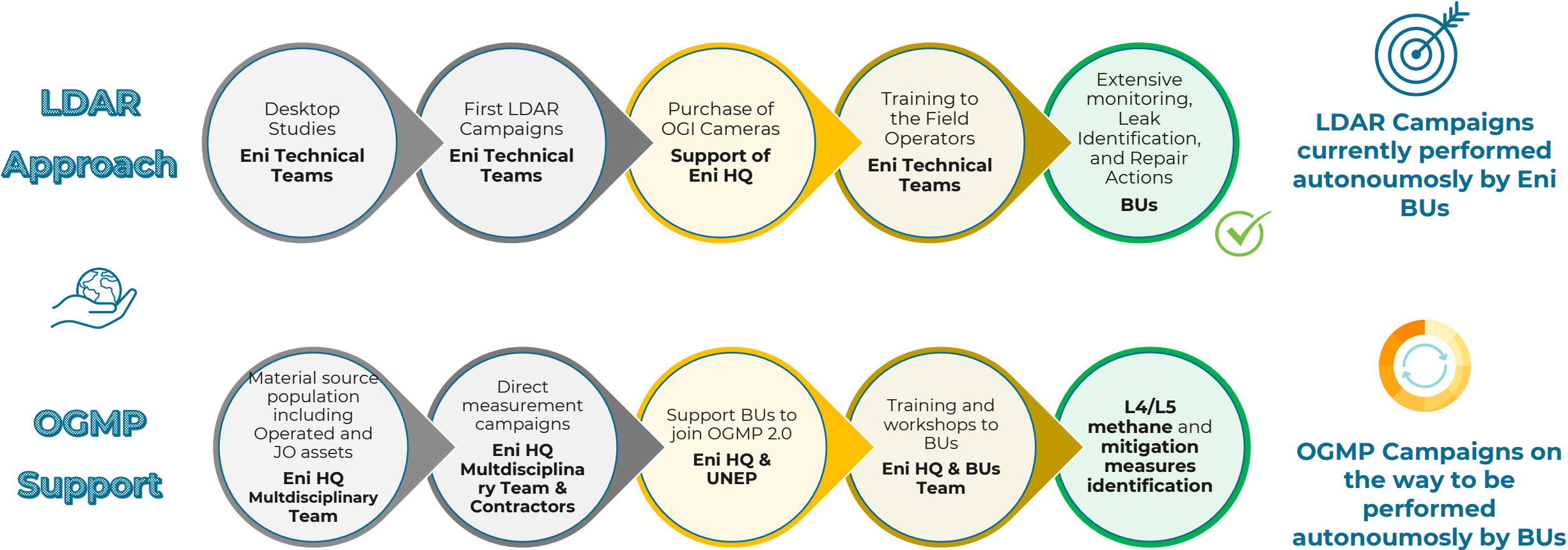
The following steps (site surveys for identification and quantification) **lead to further reduction in the estimations** and to plan **repair and maintenance activities to eliminate fugitive emissions**.



LDAR vs. OGMP Approach



Eni approach on OGMP 2.0 reflects the same successful method adopted for fugitive emissions.

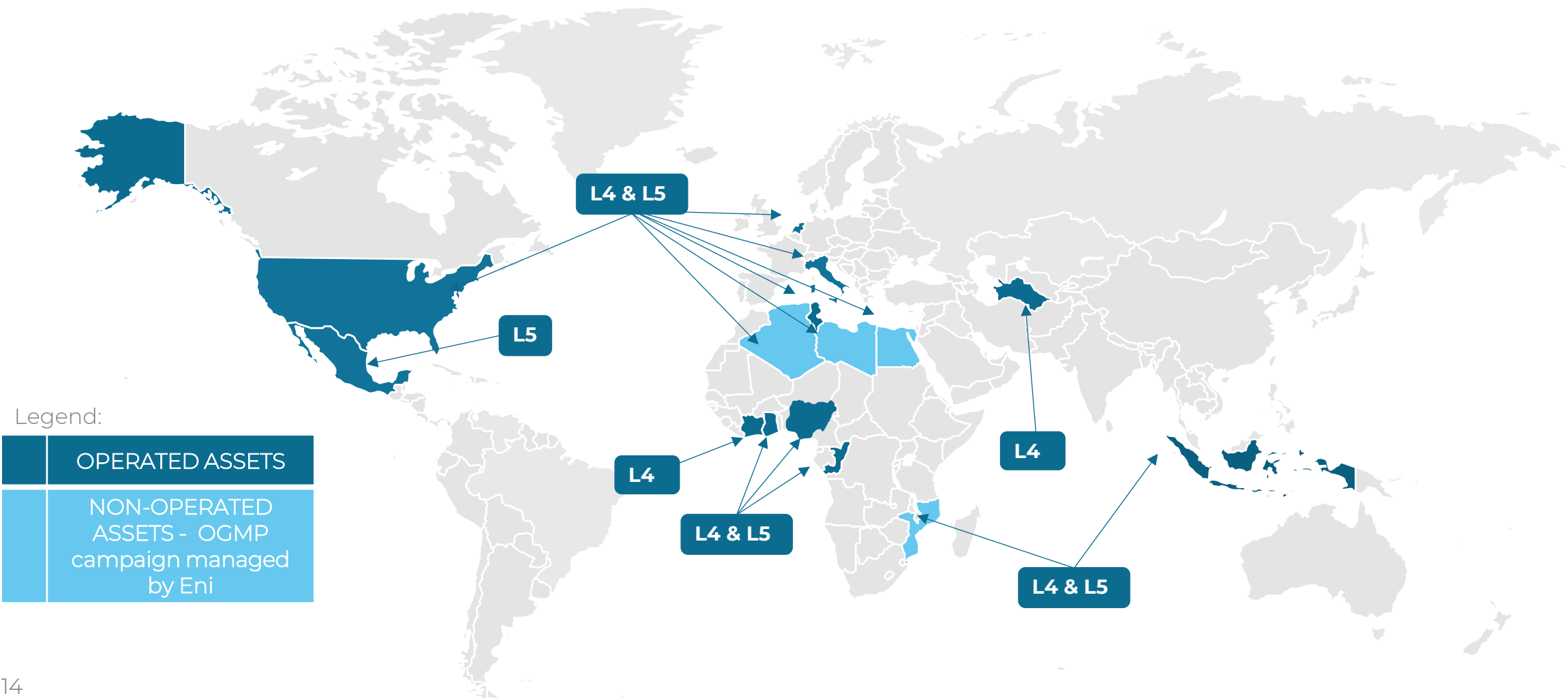




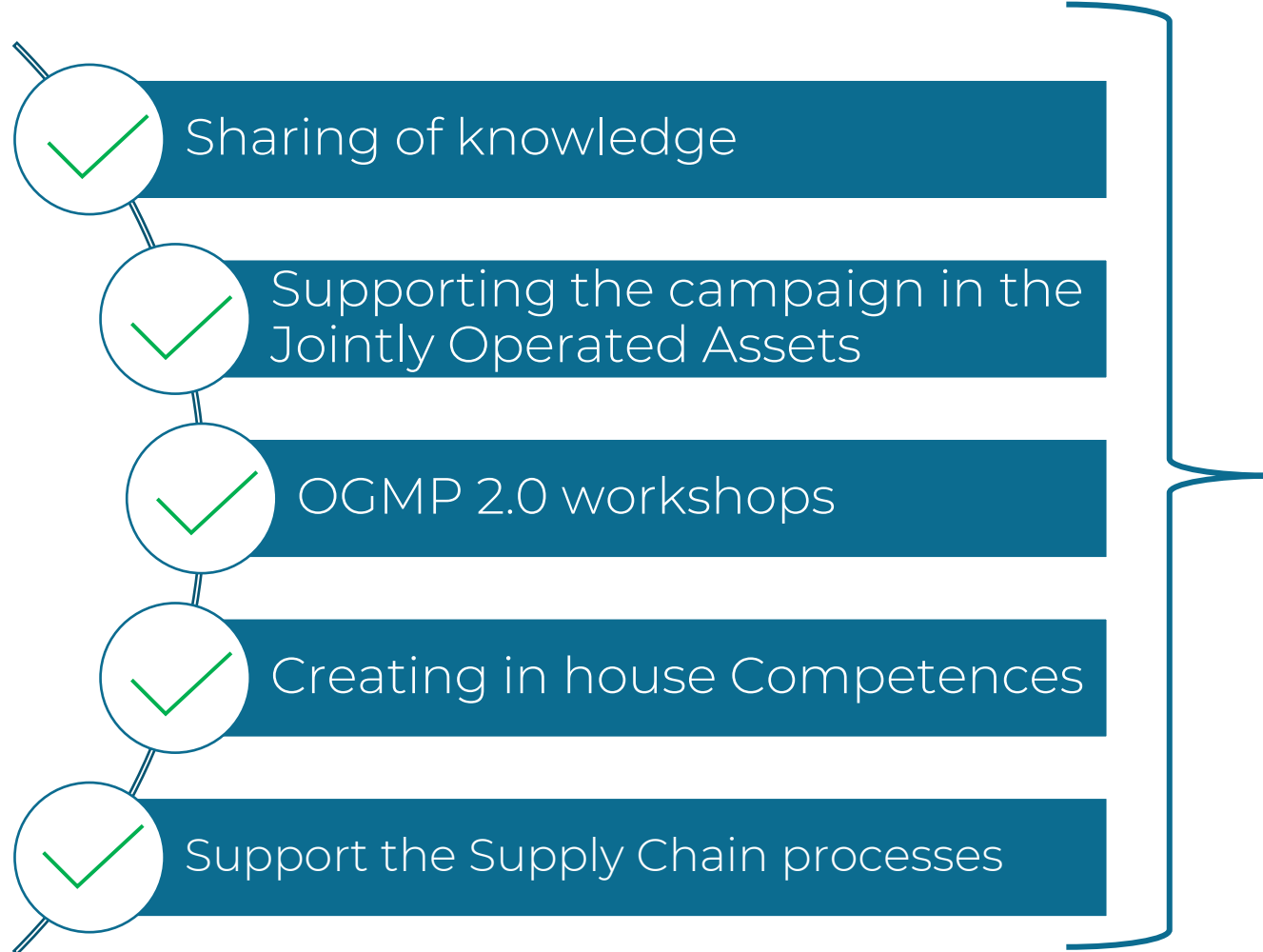
2025 – OGMP 2.0 Jointly Operated Assets Case Study

OGMP 2.0 2025 Plan - Activities

Below the summary of the campaigns performed by Eni in 2025



Focuses



Eni Approach implies first party's involvement, knowledge sharing, capacity building and on ground actions aimed to empower Jointly Operated Assets for autonomously carry out the Campaigns.

OGMP 2.0 2025 - Challenges & Successes within JOAs



Key Challenges

- **Restricted Imports:**
Difficulties/Ban on drone import/use preventing Level 5 site-level measurements.
- **Logistical Barriers:**
Constraints on the movement of tools within Countries.
- **Multi-Level Governance:**
Multiple local authorities within the same Country.
- **Extreme Desert Climate:**
High temperatures during summer limit the feasibility of measurement campaigns, reducing the available operational window.

Eni Successful Story in Jointly Operated Assets



Below the results achieved within the Jointly Operated Assets

- Significant progress in flaring reduction and methane management across North Africa (Egypt, Algeria, Libya)
- Continuous enhancement of emissions monitoring, measurement, and reporting capabilities
- Strengthened collaboration with partners, regulatory authorities, and international organizations
- Ongoing capacity building and technical knowledge sharing across operated assets

Asset Coverage

- Multiple countries
- 10+ facilities involved
- Monitoring programs implemented

People & Competencies

- 100+ professionals trained
- LDAR best practices
- Methane management

Stakeholder Engagement

- Regular technical workshops
- Partner collaboration
- Institutional engagement

Asset Coverage

- Flaring reduction projects
- Venting mitigation actions
- Continuous improvement initiatives



Thank you