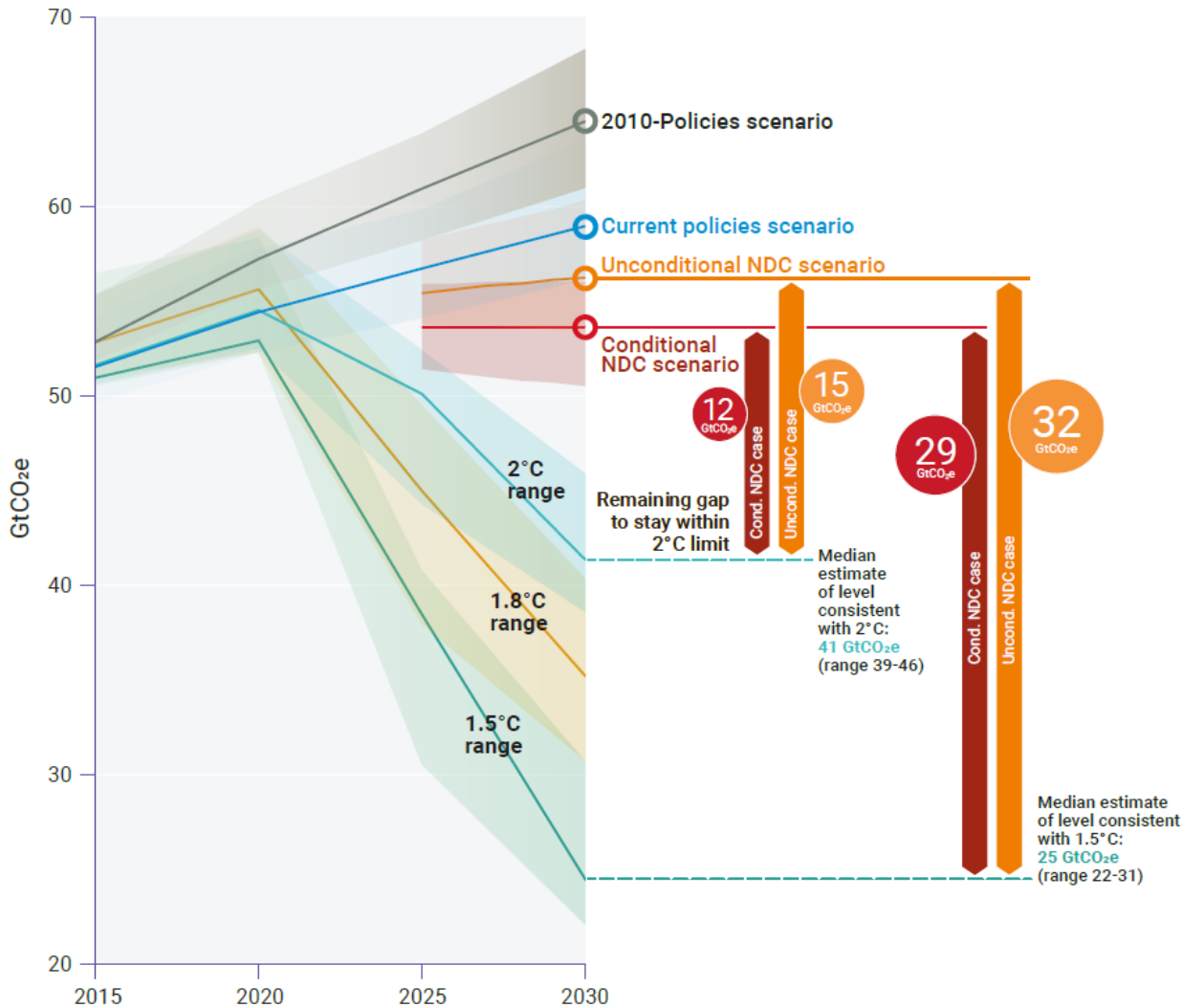


Oil and Gas Methane Partnership 2.0

Giulia Ferrini
01 March 2021

The global greenhouse gas emissions gap is larger than ever



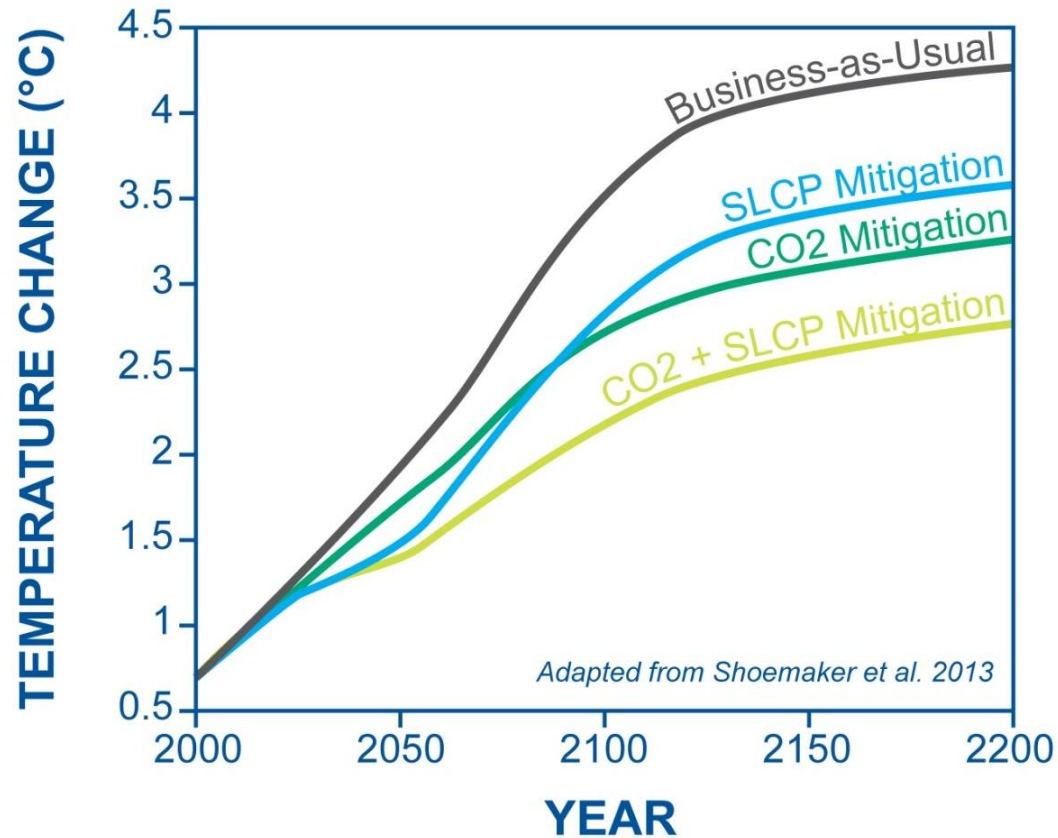
Emissions under current policies need to be reduced by more than 25% and 55% respectively to be consistent with the well below 2°C and 1.5°C goal

Full implementation of unconditional NDCs reduces emissions by 4-5%

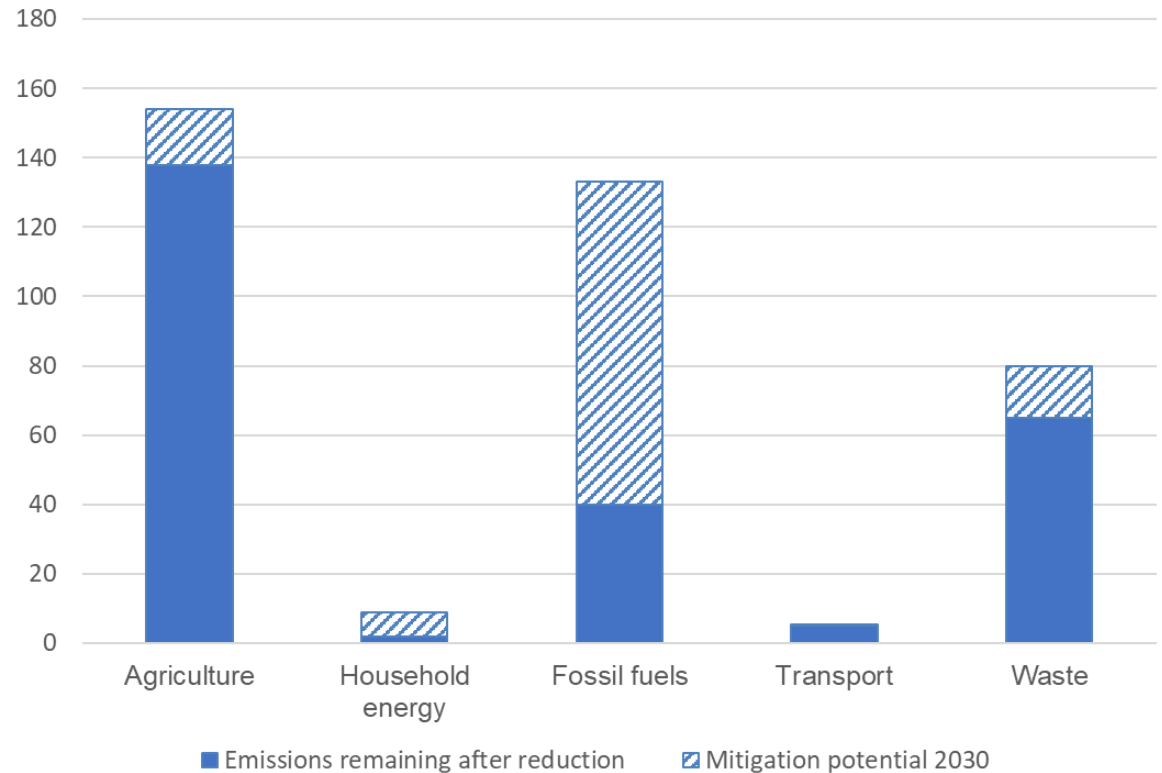
If conditional NDCs are also fully implemented, emissions are reduced by around 9%

Bridging the emissions gap requires that countries increase their NDC ambitions threefold to limit warming to 2°C and more than fivefold for the 1.5°C goal

Reducing SLCPs like methane is critical to limit climate warming



Methane emissions reduction potential at 2030 by sector



OGMP 2.0 is a comprehensive measurement-based methane reporting framework that standardizes rigorous and transparent emissions accounting practices. This will make it simpler to track and compare performance across companies and to link reporting to strategic mitigation action.



OGMP 2.0 Launch Highlights

Oil and gas majors sign up to 'gold standard' of methane reporting

By Kira Taylor | EURACTIV.com

Nov 23, 2020



Kadri Simson announcing methane strategy in October [Lukasz Kobus / EC - Audiovisual Service]

Comments Print

Sixty-two major oil and gas companies on Monday (23 November) agreed to a new framework for monitoring, reporting and reducing methane emissions as part of the Oil and Gas Methane Partnership 2.0.



Environment

Climate crisis: Swathe of oil and gas industry agree 'ambitious' methane emissions reporting framework

Agreement paves way for stricter rules on fossil fuel accounting for one of the planets biggest contributing sectors

Accordo tra l'Onu e 62 compagnie per ridurre le emissioni di metano



L'industria petrolifera e del gas si impegna a rispettare un nuovo quadro per monitorare, segnalare e ridurre le emissioni di metano. Governi, Nazioni Unite, società civile e aziende collaborano a un nuovo e credibile sistema di tracciabilità e divulgazione



ENVIRONMENT NOVEMBER 23, 2020 / 4:01 PM / UPDATED 7 DAYS AGO

EU, UN-led pact commits oil and gas firms to tackle methane emissions

By Shadia Nasralla

Méthane : l'industrie gazière et pétrolière lance un programme de suivi de ses émissions

Övervakning ska stoppa metanutsläpp

KLIMAT
Genom nytt samarbete med FN och EU-kommissionen ska fossilindustrin övervaka och minska sitt läckage av den starka växthusgasen metan. Men inom forskarvärlden hörs skeptiska röster.

– Industrin har mycket att bevisa, med tanke på hur mycket de tidigare hela tiden har spelat ned dessa utsläpp, säger Lena Höglund Isaksson, forskare vid IASA, Internationella institutet för tillämpad systemanalys, i Wien.

Vid utvinning av kol, olja och naturgas uppstår läckage av metan, en växthusgas som är ungefär 30 gånger starkare än koldioxid. Enligt FN:s klimatpanel står metanutsläppen för ungefär en fjärdedel av den globala uppvärmningen.

Sedan förindustriell tid har utsläppen ökat med nästan 150 procent. Ett vanligt missförstånd är att rapande kor och jordbruk står för den största delen av den metan-gas som kan kopplas till mänsklig verksamhet. Minst lika mycket läcker ut fr



Fossilindustrins läckage av metan ska minskas. Foto: AP/TT

fossilindustrins verksamhet. Nu har 62 företag inom fossilindustrin i samarbete med FN:s miljöprogram UNEP och EU-kommissionen förbundit sig att övervaka metanutsläppen, för att på så vis kunna kontrollera och minska dem. Samarbete

kallas för OGMP 2.0, en uppdatering av tidigare OGMP (Oil and Gas Methane Partnership).

Forskaren Lena Höglund Isaksson välkomnar initiativet, men är skeptisk till hur det kommer att genomföras.

– Både jag och många andra forskare har visat att fossilindustrin hittills har rapporterat ungefär hälften så stora utsläpp av metan jämfört med vad mätningarna i atmosfären och andra sätt att uppskatta utsläppen

08136370421 | Guardiannigeria

Oil, gas firms move for better environment via reduced methane emissions

By Chinedum Uwaegbulam

OMGP 2.0

INITIATIVE SETZT NEUE STANDARDS FÜR METHANEMISSIONEN

GAS & WÄRME 24.11.2020 - 15:20

VON THORSTEN CZECHANOWSKY

OGMP Timeline

The Oil & Gas Methane Partnership was launched at the UN Secretary General's Climate Summit in New York in September 2014



OGMP 2.0 launched on 23 November 2020



6 companies
USA



Norway
and



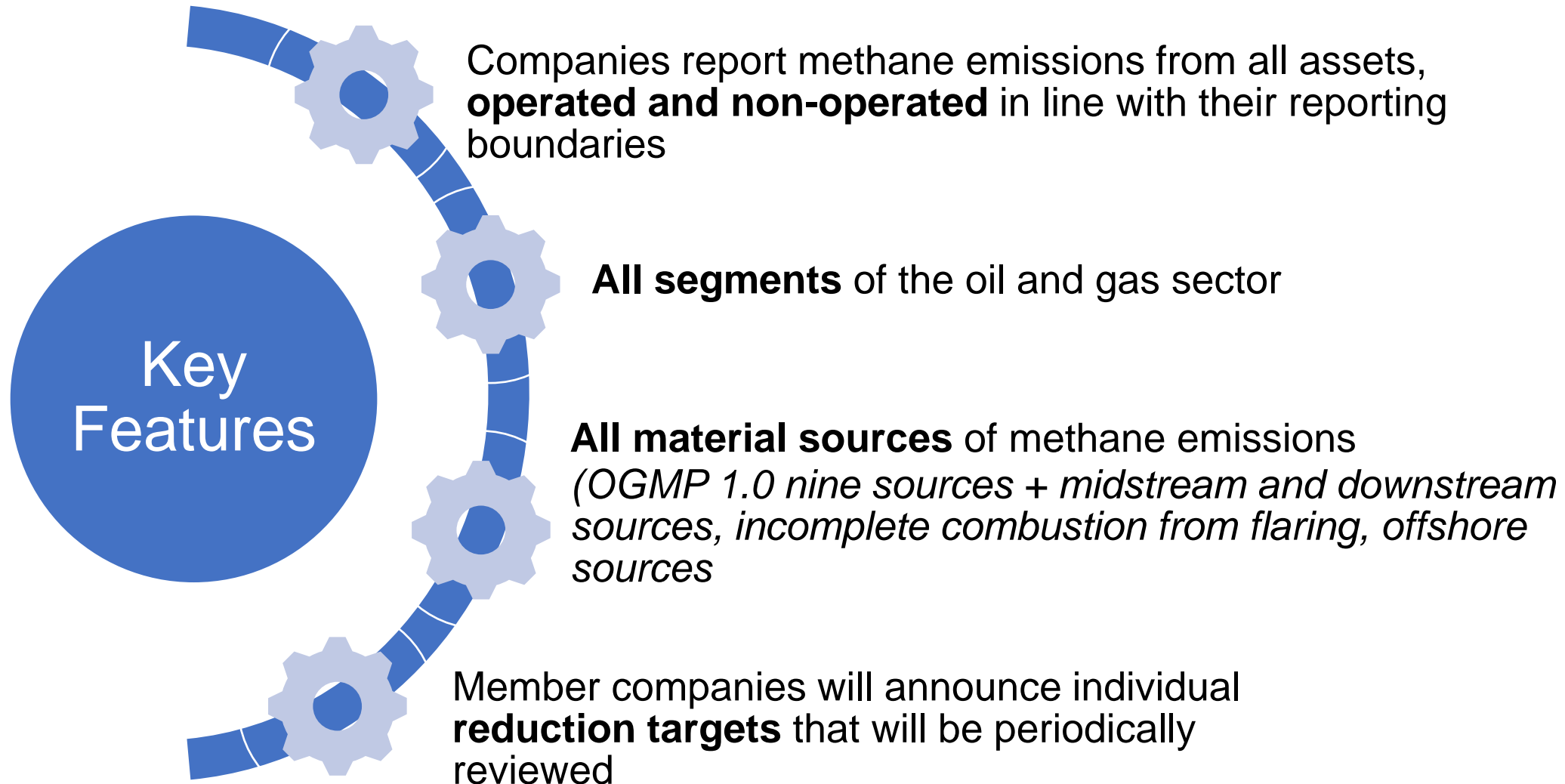
UK joined



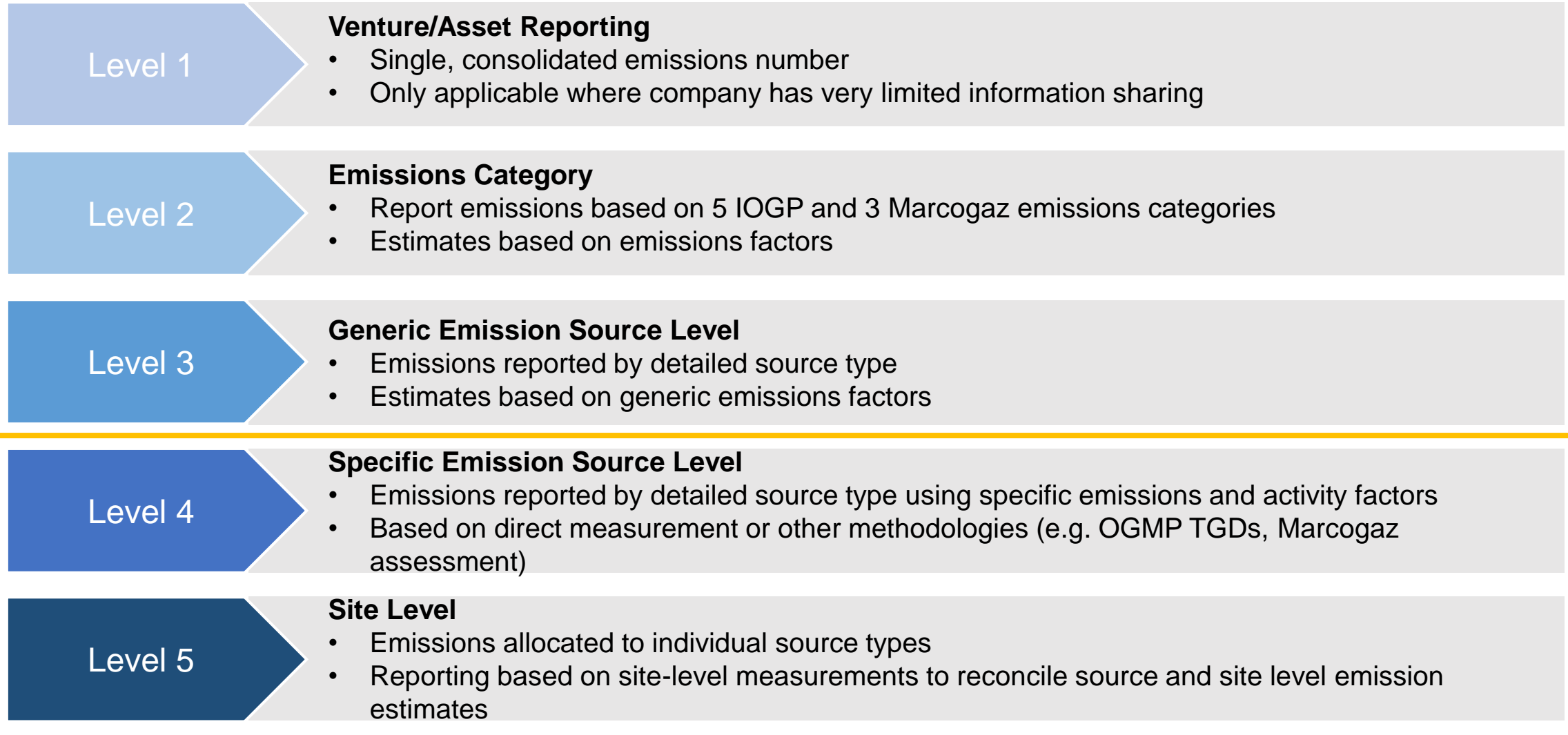
European
Commission
joined

67 companies

OGMP 2.0: The “gold standard” of methane reporting



OGMP 2.0 allows companies to categorize asset-level reporting by 5 categories



**Gold standard is achieved when all assets with material emissions and where there are no demonstrable impediments report at level 4 and demonstrate efforts to move to level 5.*

OGMP 2.0: Member Company Reporting Timeline

Member companies reported 2019 data using a hybrid approach of OGMP 1.0 and 2.0 framework



Member companies begin reporting using OGMP 2.0 framework

Member companies achieve or confirm gold standard for **operated assets** based on 2023 data

Member companies achieve or confirm gold standard for **non-operated assets** based on 2025 data

Task Forces

1. Technical Guidance Documents

- Provide guidance on how to meet OGMP 2.0 reporting requirements for most common material sources in OGMP companies' operations

| | | | |
|--|-------------------------------------|--|------------------------------------|
| Fugitive components | Permeation | Pneumatic (controllers, pump) | Measurement devices |
| Compressor seals (centrifugal and recip) | Glycol dehydrators | Purging & venting (maintenance vents, commissioning/decommissioning) | Starts & stops |
| Incidents | Flaring | Incomplete combustion | Un-stabilized liquid storage tanks |
| Gas well liquids unloading | Oil well casinghead venting/flaring | Gas well hydraulic fracture completion venting/flaring | Acid gas removal vents |

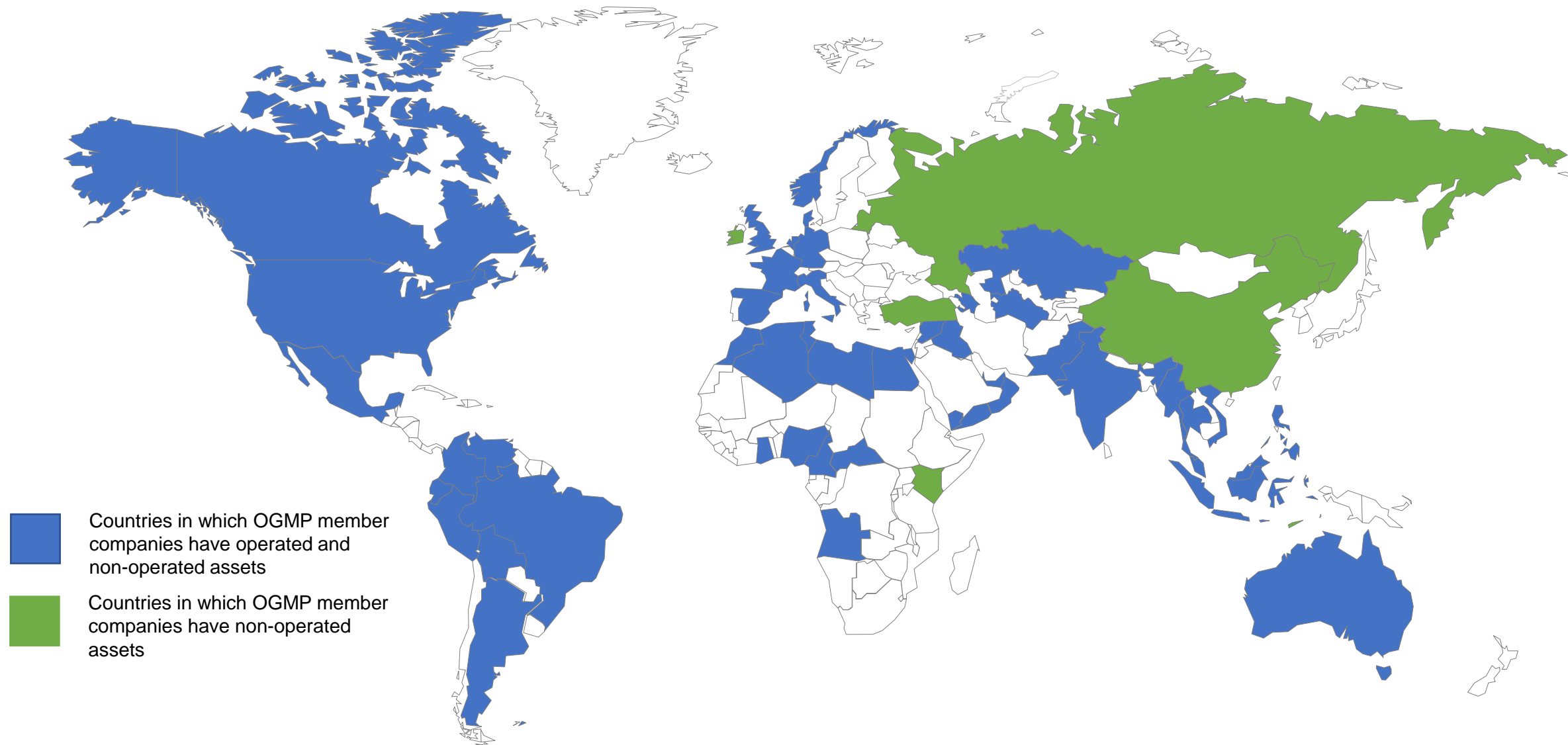
2. Reporting

- **Development of reporting templates** that will be used by OGMP partners to report:
 - ✓ Methane emissions from operated and non-operated assets according to 5 OGMP reporting levels
 - ✓ Progress in meeting their methane targets.

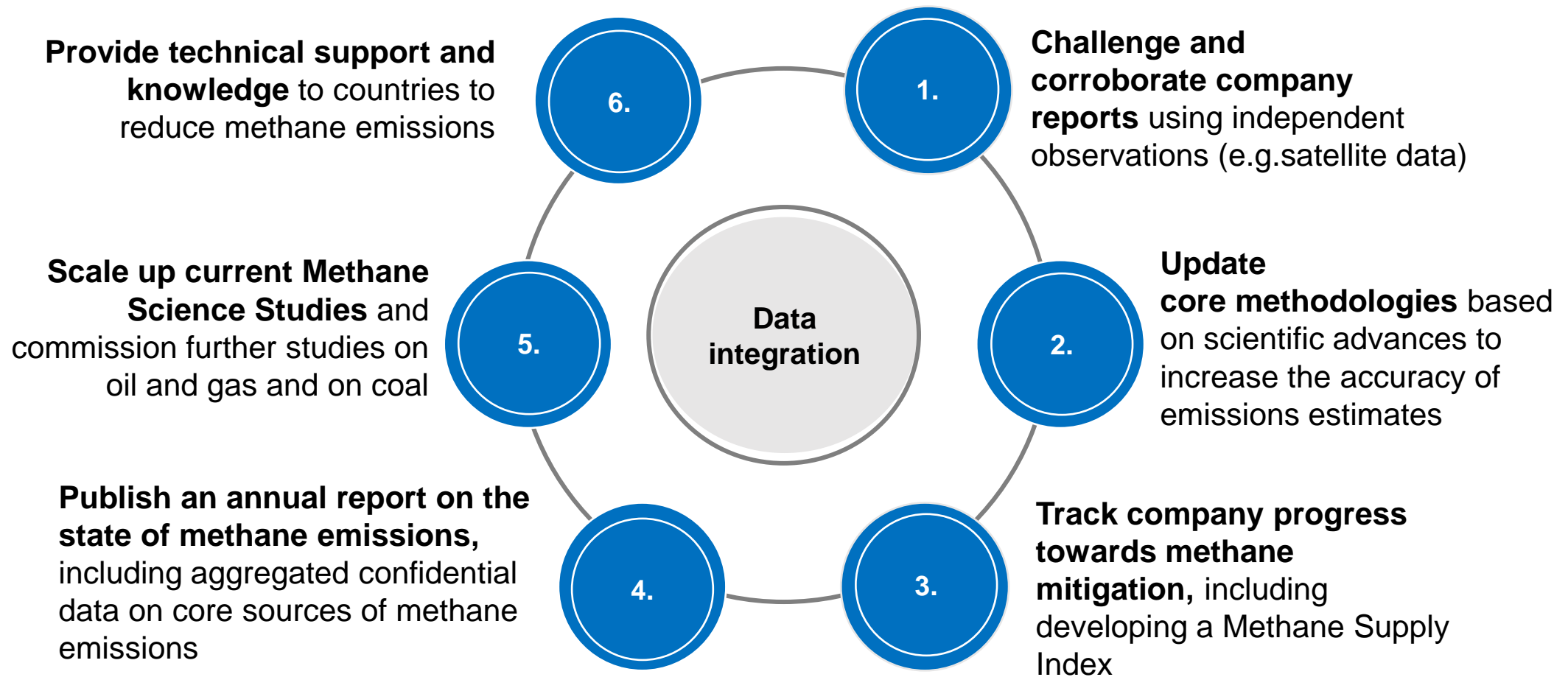
3. Uncertainty and Reconciliation

- **Development of a guidance document including:**
 - ✓ Uncertainty and reconciliation concepts and definitions
 - ✓ Guidance on how to report uncertainty at levels 4 and 5
 - ✓ Case studies

OGMP 2.0 will improve methane reporting around the world



An International Methane Emissions Observatory will provide consistency among multiple methane programs



Functions of IMEO

IMEO will accurately measure, collect, and verify anthropogenic methane emissions to the atmosphere by:

- Integrating and reconciling data on methane emissions
- Analysing and disclosing data to improve the characterization of global methane emissions
- Providing an early warning system for detecting extraordinary methane emissions
- Validating measurement techniques and technologies
- Engaging countries to raise awareness on methane emissions

IMEO Programmes:

Transparency

Provide accurate, unbiased and up-to-date information on methane emissions attributable to fossil fuel operations

Science

Close the knowledge gap on methane emissions through peer-reviewed studies and reconciliation of data

Implementation

Raise awareness and increase capacity of governments to pursue policy options to manage methane emissions



Thank you

Giulia Ferrini
Giulia.Ferrini@un.org

www.unep.org