



International
Association
of Oil & Gas
Producers

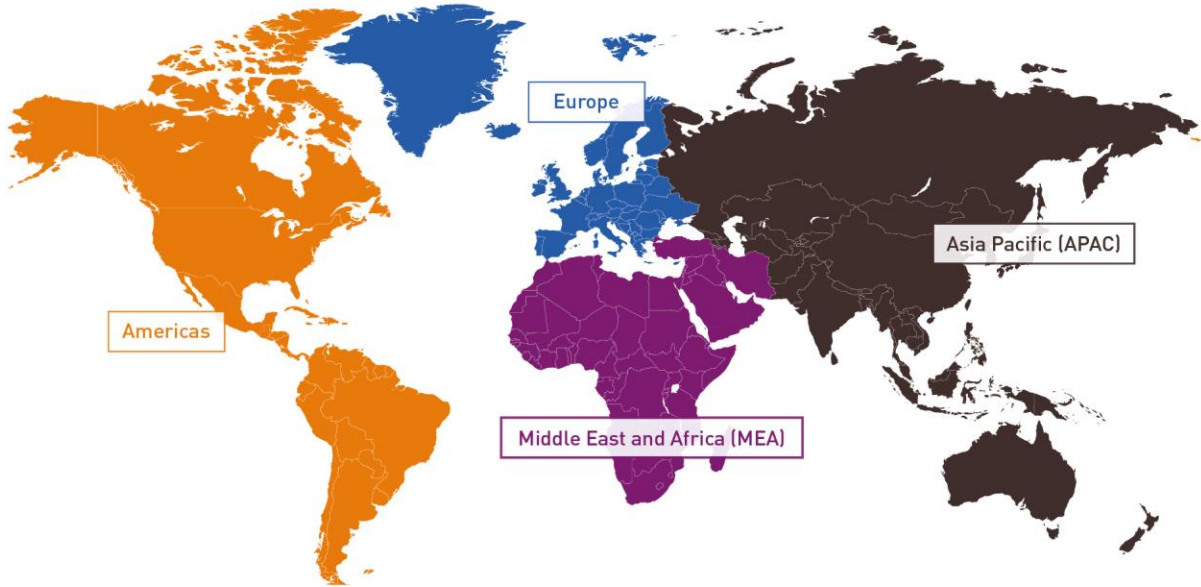
UT Energy Week

Dr. Faye Gerard
IOGP Energy Transition Director
28th March 2024



We speak on behalf of a global membership

IOGP has 90 Members (as of 1st March 2024)



The map shows the division of the world into four regions on which subscription shares are based. The delineation of zones is not intended to reflect offshore boundaries.

Map shows locations of Member Head Offices. Many operate globally

Americas

APA Corporation	Hess
API	IADC
ARPEL	IBP
Atlantic LNG	Kosmos Energy
Baker Hughes	Oxy
BW Energy	Pan American Energy
CAPP	Petrobras
Cenovus Energy	Pluspetrol
Chevron	SLB
ConocoPhillips	Suncor
EnerGeo Alliance	YPF SA
ExxonMobil	

Europe

Aker BP	Neptune Energy
Aker Solutions	Offshore Energies UK
Assala Energy	Offshore Norge
bp	OMV
BVEG	OPITO
Capricorn Energy	ORLEN S.A.
Centrica (Spirit Energy)	Repsol
Cepsa EP	RomGaz
DNV	Saipem
Element NL	SBM Offshore
Energy Institute	Shell
Eni SpA	TechnipFMC
Equinor	TotalEnergies
Harbour Energy	Trident Energy
HeliOffshore	Tullow Oil
Ipicpa	Vår Energi
MOL	Wintershall Dea

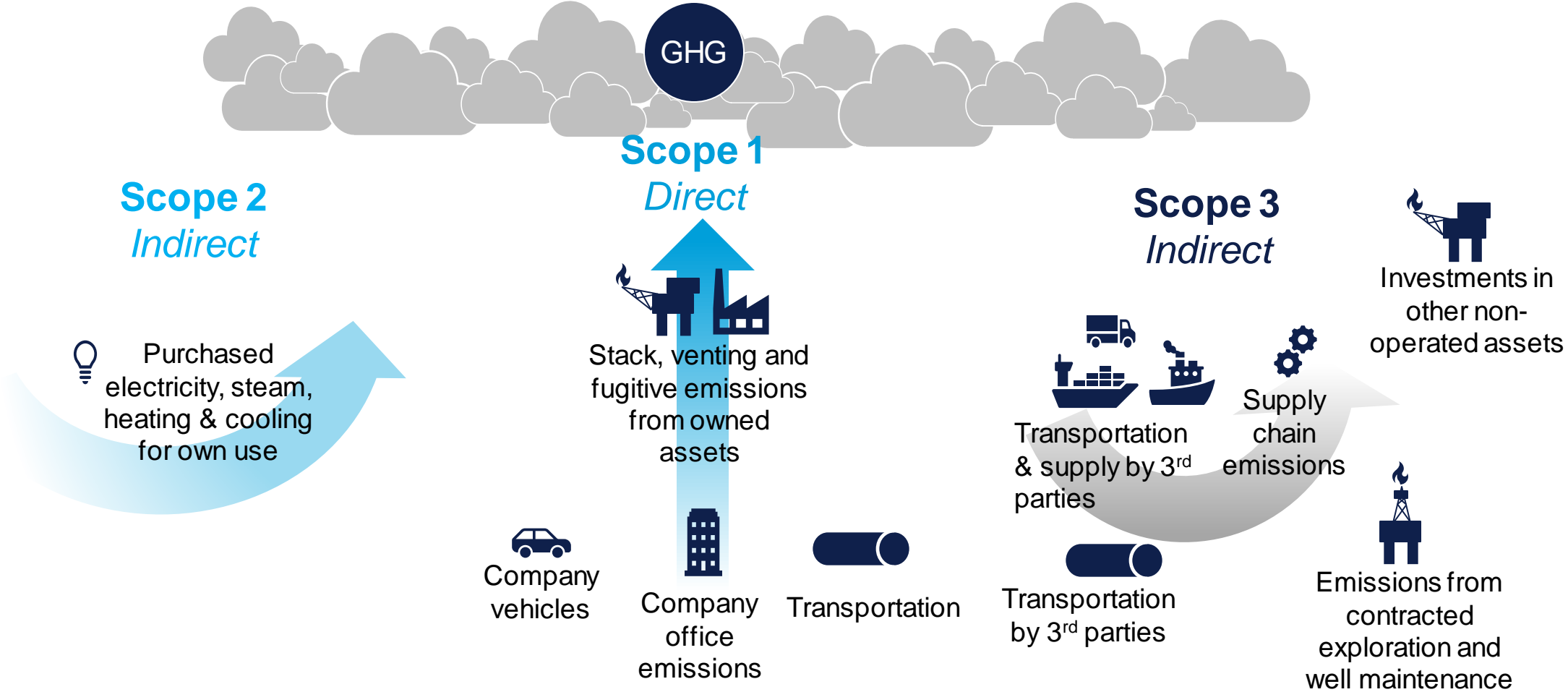
Middle East and Africa (MEA)

Addax Cameroon	Dolphin Energy
ADNOC	Dragon Oil (ENOC)
Aramco	EGPC
Azule Energy	Genel Energy
Bapco Energies	Gulf Keystone Petroleum
Basrah Gas Company	North Oil Company
CCED	PDO
Cheiron Energy	QatarEnergy (Qatar Gas)
Crescent Petroleum	Sonangol
Dana Gas	

Asia Pacific (APAC)

Australian Energy Producers	ONGC
Beach Energy	PETRONAS Carigali
Brunei Shell Petroleum	Prime Energy
CNOOC International	PT Pertamina Hulu Energi
INPEX	PTTEP
KazMunayGas	SOCAR
NCOC	Woodside Energy

Classification of scope 1, 2 & 3 emissions



IOGP Energy Transition framework

IOGP to step up as a **catalyst and an enabler** to help the Industry drive **Low Carbon Projects & Operations** and support the need for:

- Standardization, rapid adoption & repeatability to enable massive scale up across the whole Industry globally
- Transformative lower carbon technologies for new and existing assets

How the oil and gas industry contributes to a low carbon future

There is no single pathway to a low carbon future.

The oil and gas industry contributes in many ways to achieving the goals of the Paris Agreement.



REDUCE
EMISSIONS
IN OPERATIONS



REDUCE
FLARING



COAL TO
GAS SWITCH



INVESTMENT IN
RENEWABLES



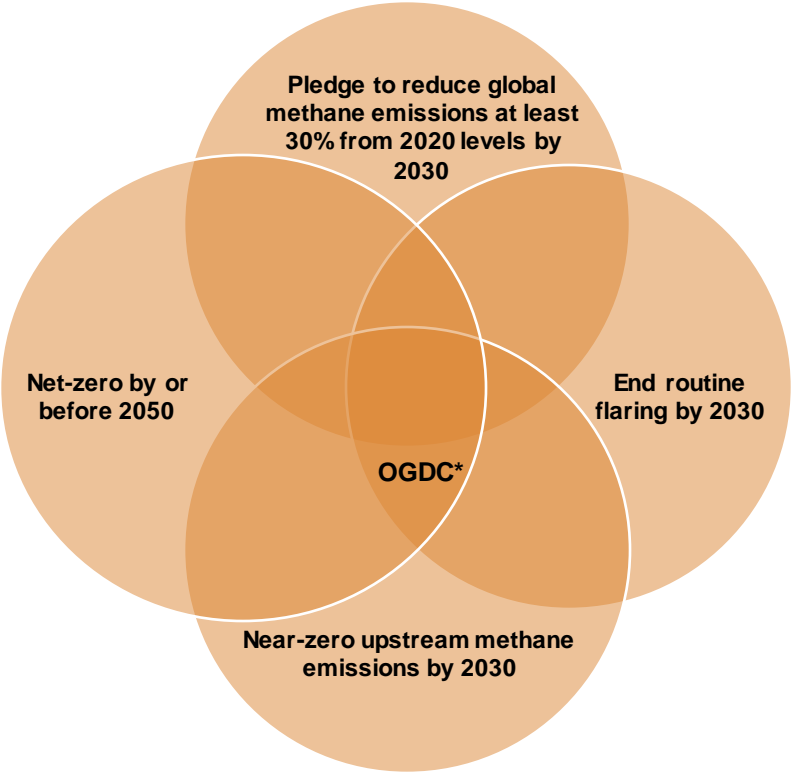
CARBON
CAPTURE
(UTILIZATION)
AND STORAGE



CLEAN
HYDROGEN

Oil & gas decarbonisation commitments

Oil & gas commitments



How?

Developing resources for industry

Best practices and guidelines

Collaboration with credible organisations

Coordinating efforts and perspectives

Engaging with stakeholders and authorities

Working with policy makers

Barriers

Reporting mechanisms

Standardisation and consistency

Deployable business models

De-risking the value chain and driving investment

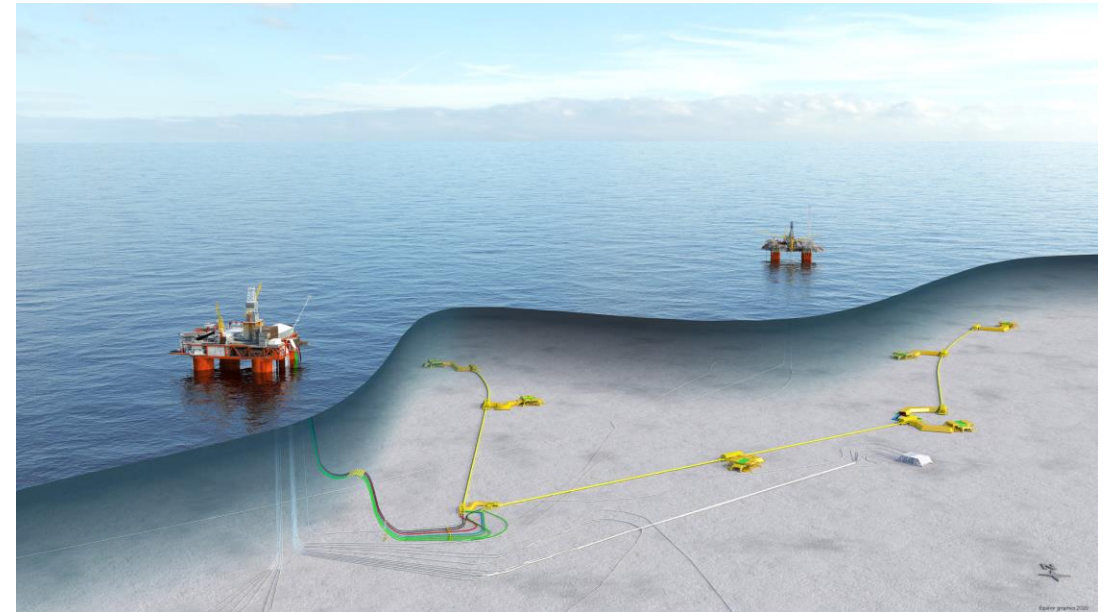
Developed regulatory frameworks

Defining project design and operations

*Oil and Gas Decarbonisation Charter

CCS technologies supporting decarbonisation

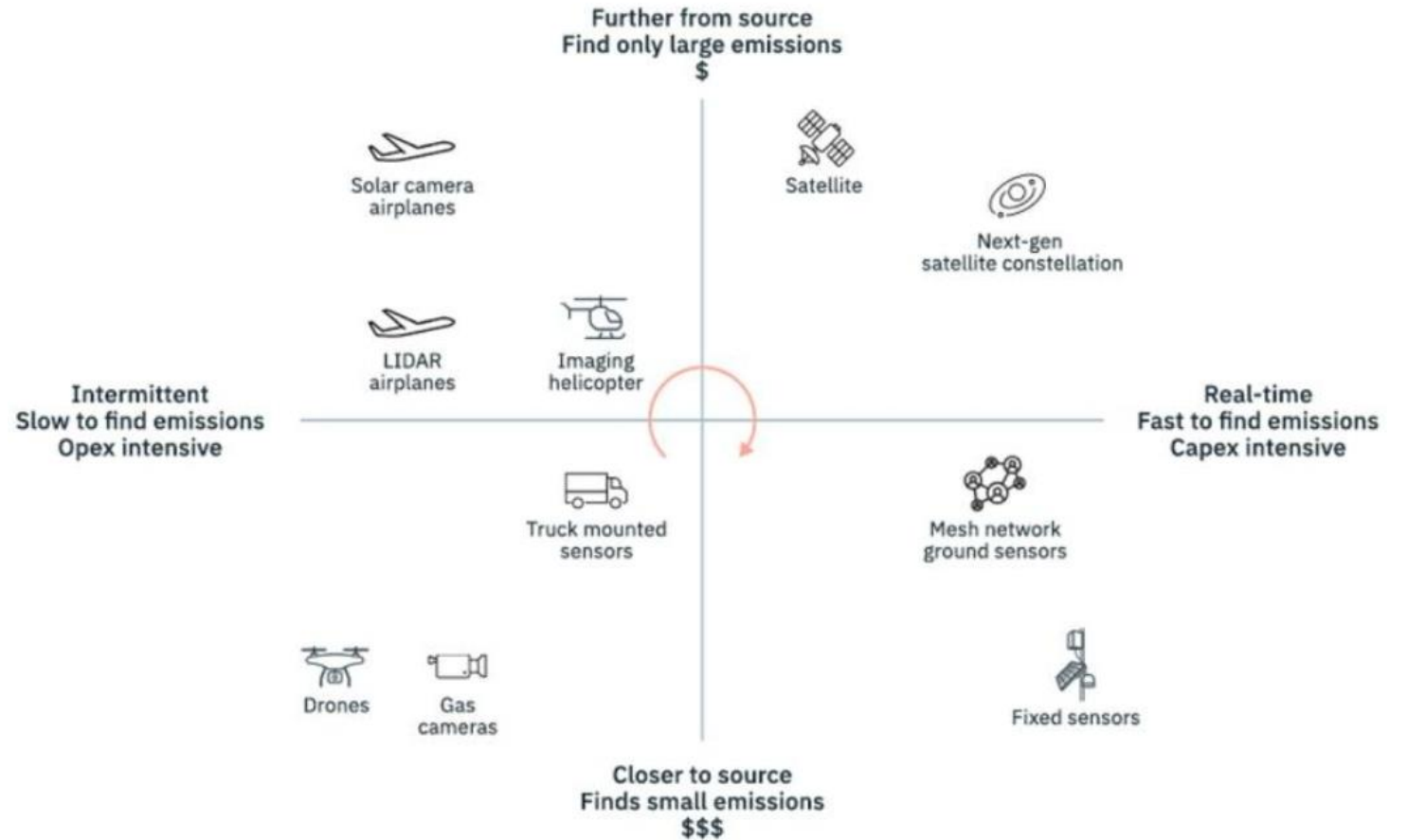
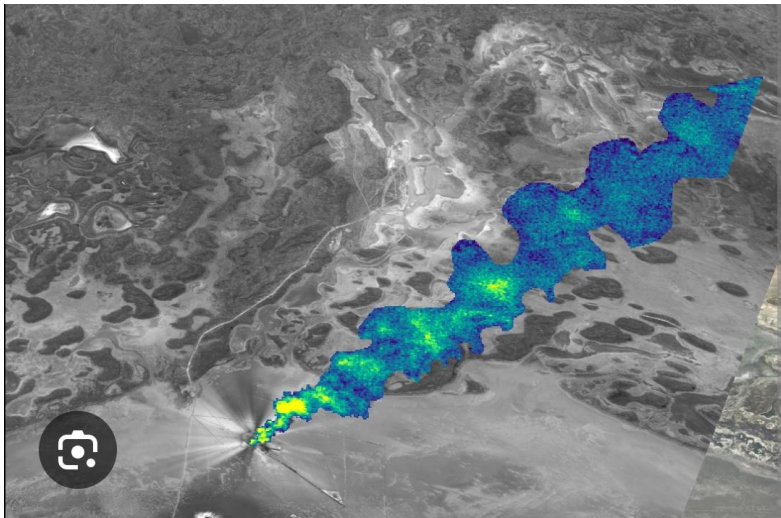
- CCS can enable the decarbonization of multiple industrial sectors
- IOGP collaborates across industry to ensure inclusion of technology solutions, including:
 - Abatement of anthropogenic emissions from heavy industry (e.g. steel and cement production)
 - Carbon neutral and removal technologies
 - Bio Energy CCS (BECCS), from sustainable forest feedstocks
 - Direct air Capture (DAC), from ambient air



Note: IOGP published practices to enable the scale up of these technologies, delivered through our Expert Groups

Technologies addressing fugitive methane emissions

- IOGP Framework includes technology solutions to detect, and quantify fugitive methane emissions from oil & gas assets.
- Database to select and optimize deployable technologies to monitor specific sites





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