



Methane Mitigation Projects Call for Proposals

March 31, 2021

OUR MEMBER COMPANIES



ExxonMobil



aramco



OGCI CI is unique...

THE INITIATIVE: LOWER CARBON VIA COLLECTIVE ACTION & PARTNERSHIPS



CLIMATE INVESTMENTS: DELIVERING LOWER CARBON VIA INVESTMENTS



INVEST in innovative low-carbon technologies and solutions.

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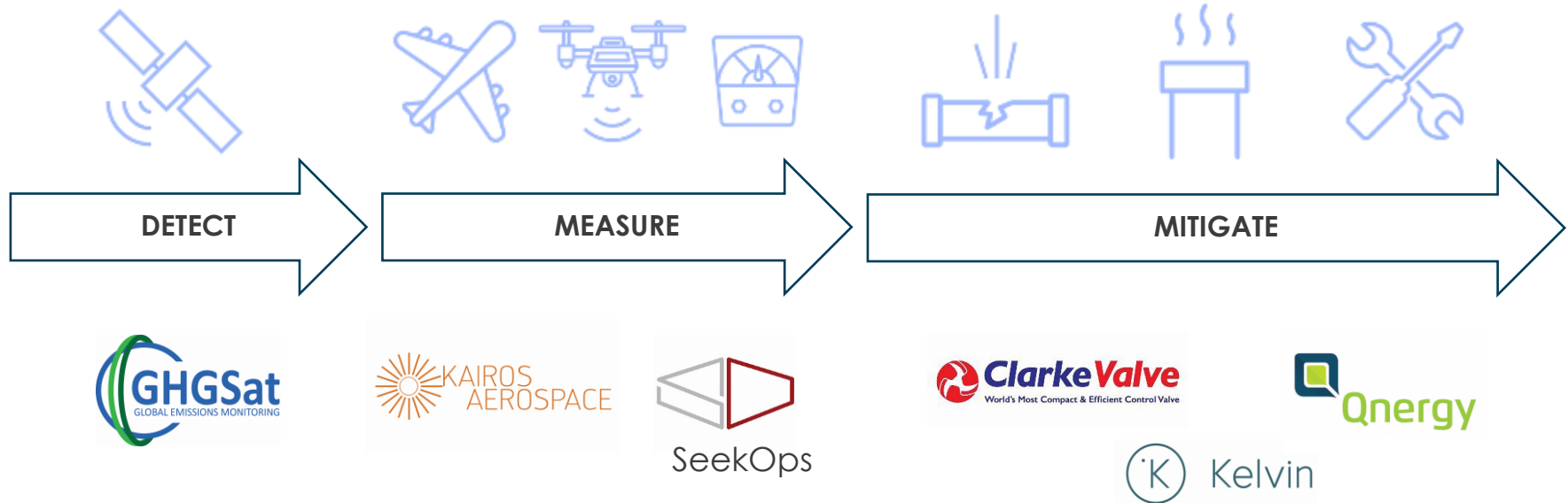


IMPLEMENT our solutions with OGCI members and our external network



IMPACT at global scale

Investments to reduce methane emissions



2020 Investment Call:

Projects to Reduce Methane Emissions

2020 Investment Call: Projects to Reduce Methane Emissions

Broad solicitation for projects where OGCI Climate Investments can enable rapid implementation through investment

Solicitation Encouraged

- Commercially and operationally viable projects that reduce methane emissions in oil and gas operations around the globe.
- Applications demonstrating business models that can scale up, be replicated, and encourage broader industry adoption.

Target Areas: Venting Reduction, Fugitives Reduction, Flare Minimization, Complete Combustion, etc.

Application window: June – September 2020



Summary of Process Responses

- 80 proposals received during the three-month window
 - 11 countries represented in the response group
- Applicant Segmentation
 - Technology Providers
 - Project Developers
 - NOCs
 - Small and Mid-Sized IOCs
 - Consultancies
- Wide variety of project types
 - Vented and flared gas capture for use in oilfield power generation and pumping
 - Infrastructure to transport stranded gas to consumption areas
 - Technology for methane detection and monitoring (onshore and offshore)
 - Vapor recovery systems for fuel storage tanks
 - Gas pneumatics replacement
 - Modular data centers as load for power generated in the oilfield
- Project impact ranged from < 10,000 to several million tonnes CO₂ equivalent per year
- Capital requests ranged from < \$1 MM to over \$400 MM

- Primary Screening Criteria
 - Emissions Impact
 - Feasibility
 - Commercial Viability
 - Execution Complexity
- Sample Shortlisted Projects
 - Hybrid energy storage systems for drilling rigs – up to 1 million tonnes CO₂e per year
 - Associated gas captured for distributed power generation – up to 2.5 million tonnes CO₂e per year
 - Flare gas extracted and used to fuel steam generation units in lieu of diesel – up to 500 thousand tons CO₂e per year in two phases with potential follow-on opportunities
- Commercial Value Propositions
 - All projects reduce emissions while providing financial value to customers
 - Attractive equity returns with opportunities to lever with non-recourse debt