

# Technology Assessment and Competition Landscape

## Methane Emissions Measurement

### Quick overview

Our client, an integrated oil & gas company, wanted to identify suitable technology partners for methane emission measurement and detection.

### Client success

The support and insights FutureBridge delivered helped our client in understanding the best practices adopted by peers which assisted client in plugging-in technology and knowledge gaps in its existing strategy. Our analysis answered several of our client's critical business questions including:



Reducing methane emission will protect human health, crop yields and many economic and development benefits. How can an oil and gas player assess its technological competitive position in Methane Emissions Measurement?

- Which players are offering methane emission measurement services and how does oil & gas players procure them?
- What is the working principle of the underlying technology?
- What are the benchmarking parameters for comparing these technologies? And how does these technologies perform when compared with each other on the basis of detection, locating the leak, quantification, concentration measurement, flux measurement, etc.?



FutureBridge conducted extensive primary and secondary research to derive information related to methane emission measurement. Our research included:

- Identification of technologies which can detect and measure methane emissions, vectors (drone, fixed installation, etc.) which can support deployment of such technology
- Identified key partnerships, collaborations and consortiums that the peers have joined for developing solutions around methane emission measurement
- Identified the projects implemented for methane emission measurement and performed a deep dive to understand the algorithm deployed, vector used, measurement capabilities, technology developer.

FutureBridge further provided insights on solutions which are predominantly used by major players and its capabilities and underlined the competitors road map for methane emission handling.

Also, FutureBridge's peer benchmarking will help the client in taking a decision whether to invest stand-alone or join any consortium to tackle methane emission challenges.

## About FutureBridge

FutureBridge tracks from 1 to 25 years, how industries and sectors will evolve, develop, and innovate.

We keep your business ahead of the technology curve. Propel your growth, identify new opportunities, markets, and business models. We can answer your key strategic questions. Facilitate focused, tailored solutions and partnerships using our platforms and programs, with access to global information ecosystems and key industry players for their insights and expertise.