OGMP 2.0 consulting

Supporting you in achieving the OGMP 2.0 Gold Standard as well as your other methane objectives

Applications

- Company-, asset-, or facility-level methane emissions monitoring, reporting, and mitigation in compliance with the UNEP* Oil & Gas Methane Partnership 2.0 (OGMP 2.0) program

Benefits

- Demonstrate environmental responsibility
- Identify methane emissions reduction opportunities and abatement options
- Enhance reporting credibility and transparency
- Earn stakeholder trust and investor confidence
- Increase the amount of saleable product

Features

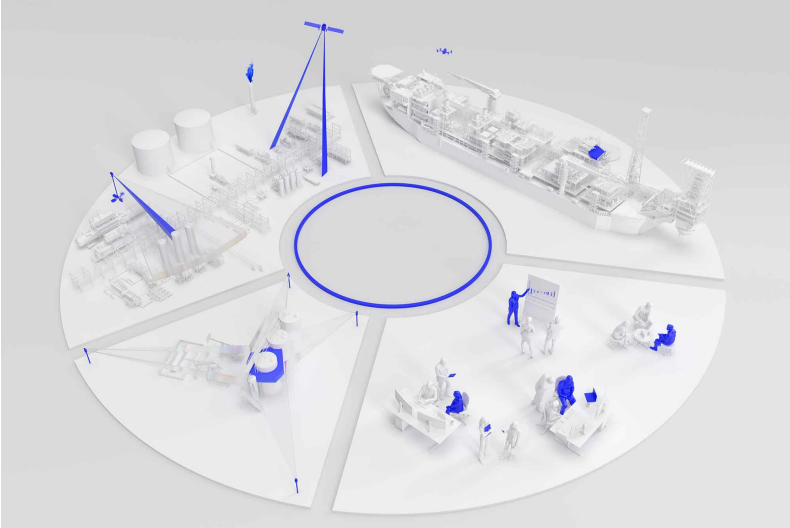
Virtually any work required to achieve the OGMP 2.0 Gold Standard, including

- customized implementation plans
- coordination of global measurement campaigns
- reporting and reconciliation

Our team

The SLB team has deep subject matter expertise in the work required to achieve the OGMP 2.0 Gold Standard and meet your other methane goals.

- **Our team has in-depth knowledge of OGMP 2.0;** one of its members led the workgroups that put together the OGMP 2.0 technical guidance documents.
- **We know oil and gas facilities.** Our process engineers have decades of experience designing, building, and operating such facilities.
- **We understand methane measurements,** having reviewed hundreds of methane measurement technologies and presented overviews as part of the SPE Distinguished Lecturer Program, for industry projects such as the US National Petroleum Council's report on emissions and IOGP workgroups on European methane regulations, and to various regulators, policymakers, and think tanks.
- And finally, our team has a **proven track record.** We have completed numerous methane emissions measurement campaigns globally, often deploying the full stack of measurement technologies for source-level and site-level reporting on offshore and onshore operations, resulting in customers achieving the Gold Standard.



Leverage our proven expertise to facilitate meeting any of your methane goals.

How it improves performance

Methane emissions are among the most tightly scrutinized part of oil and gas operations. From regulatory requirements for measuring emissions and deploying low-methane technologies to voluntary reporting programs such as OGMP 2.0, there are many stakeholders involved. SLB consultants work with your teams—at headquarters, asset, and facility level—to meet the requirements of these compliance programs.

You can use SLB as a one-stop-shop to coordinate planning, measurement, and reporting. Alternatively, you can choose to complement your own organization's practices with individual services, such as simulating methane emissions from tanks by using rigorous thermodynamics.

How it works

Our methodology for helping you achieve the OGMP 2.0 Gold Standard comprises three phases. During the **first phase,** which focuses on planning, our subject matter experts discuss your reporting and measurement objectives, budgets, and timelines with you. Subsequently, the team reviews your facilities and existing methane data to determine how many additional measurements should be performed, where they should be conducted, and what technologies and methodologies should be used for measurement and calculations.

The result is a cost-optimized implementation plan, which describes the most economical approach to achieving the Gold Standard as well as your other methane measurement goals. We can also help present this plan to UNEP to maximize the probability of approval. One of our team members previously worked for UNEP, leading the group that wrote the OGMP 2.0 technical guidance documents, and consequently the team is well-versed with the requirements.

* United Nations Environment Program

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Once UNEP approves the plan, the project is ready for **phase two**—plan execution. SLB coordinates every calculation, simulation, and measurement required. We work with your facility teams and minimize disruption—whether onshore or offshore. Leveraging our established global presence enables expediting the workflow in any country where you operate. The work can be performed by

- SLB crews—such as a leak detection and repair (LDAR) crew, consultants, and process engineers, using proprietary technologies and techniques (e.g., our handheld optical gas imaging camera, continuous monitors, aerial measurements) to measure or calculate emissions
- your crew
- your preferred contractors or ours.

We've developed an extensive global network of service delivery partners, resulting in multiple choices of vendors and technologies for each type of site and source, including the option to select measurement technologies that are available locally and appropriate for the level of materiality. Our project managers move people, equipment, and data where they need to go for efficient and safer project execution.

The **third phase** involves data analysis and interpretation. Data from the measurement campaign can reside in our digital platform, which automates some of the processing and analysis. Our team reconciles source- and site-level data as required for the OGMP 2.0 Gold Standard. Once the measurements are completed, the team evaluates the results and identifies the most cost-effective way to reduce emissions and meet the OGMP 2.0 methane mitigation target. In addition, based on results for the current year, we optimize plans for the subsequent year's measurement campaign—adding measurements where needed and eliminating them where feasible. We also help prepare the annual report submitted to UNEP and can join meetings with UNEP to explain and defend the results.

Additional information

In addition to OGMP 2.0, the SLB team can assist with many other aspects of developing and implementing a methane road map, including

- rapid action to eliminate large, known emissions sources
- identification of credible and achievable methane targets
- compliance with local regulations
- boots-on-the-ground facility audits to understand the root cause of methane emissions
- development of a facility-specific or asset-specific marginal abatement cost curve (MACC), identifying the most cost-effective ways to reduce emissions.

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