OGMP 2.0 Compliance & Implementation Blueprint

Strategic Integration of Opgal OGI/QOGI Technology into Corporate Reporting

1. OGMP 2.0 Framework

The Oil and Gas Methane Partnership (OGMP) 2.0 is the definitive, measurement-based global methane reporting framework overseen by the UN Environment Programme (UNEP) and the International Methane Emissions Observatory (IMEO).

To secure the framework's "Gold Standard" designation, operators must transition away from theoretical desktop emissions factors and move toward verified empirical measurement. This requires constructing a granular, source-level bottom-up inventory (Level 4) and mathematically reconciling it against site-level top-down data (Level 5).

Implementation Strategy & Core Principles

This non-prescriptive guidance offers considerations for operators to approach Level 4 (L4) inventory and Level 5 (L5) estimate development, including reconciliation. When implementing this framework, operators must focus on three core principles:

Targeted Efforts

Operators should focus their most robust measurement efforts on reducing uncertainty associated with larger emissions sources within their portfolios.

Iterative Improvement

Operators will build up experience over time, allowing for the continuous refinement of measurement and reconciliation to achieve higher-quality results.

Rigorous Transparency

Transparency of method and the reporting of complete results are critical to the integrity of the framework.

2. Technology Spotlight: Opgal's OGI & QOGI Solutions

Quantifying remote and inaccessible sources (primarily vents) has historically been a primary challenge for bottom-up tracking. Opgal's technology addresses these challenges directly across international regulatory and framework requirements:

Regulatory Compliance

Opgal's Optical Gas Imaging (OGI) technology is fully compliant with both US and EU methane and VOC regulatory detection requirements.

Level 4 Validation

Opgal's QOGI software has been validated as the Best Available Technology (BAT) for Level 4 source-level/bottom-up reporting of remote, major emission sources (vents).

Environmental Adaptability

The QOGI software and validation process successfully addresses varying background conditions, such as cloudy skies, ensuring consistent data integrity in the field.

Bridging to Level 5

Once these major emission sources are quantified accurately, reconciliation with Level 5 site-level/top-down estimates is achieved with much greater certainty.