

Methane & GHG Advisory Services

From an initial assessment to verified emissions and GHG reporting

INTRODUCTION

Global Expertise in Emissions Intelligence

Optimizing environmental performance requires more than advanced technology and accurate measurements. It calls for **expert guidance, deep regulatory understanding**, and a structured approach to strategy and implementation. Aellia's advisory services help organizations translate **environmental ambitions into measurable results** by providing practical, implementation-focused support. We ensure that methodologies, data management processes, and reporting frameworks are **robust, auditable, and scalable**, enabling consistent performance and compliance across all assets and operations.

THE CHALLENGE

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Oil & Gas operators face increasing pressure to comply with **OGMP 2.0** and the **EU Methane Regulation**, meeting methane intensity targets and delivering effective reduction and abatement programs. Achieving this requires **credible, measurement-based inventories** supported by **audit-ready, defensible data**, as regulators and stakeholders demand ever greater transparency. At the same time, operators must expand their scope toward broader **GHG and ESG reporting** (Scope 1 + 2), turning compliance obligations into consistent, organization-wide practice

OUR APPROACH

From baseline to audit-ready reporting – design, implementation and validation.

We take an **implementation-first approach**: Practical, scalable, and designed to **reduce time-to-compliance** and stay within budget. Our methodology combines **measurement expertise** and **hands-on advisory** to deliver **higher quality outcomes**, faster, and at lower cost than building internal capability from scratch.

Our Advisory Services

Training & Capacity Building

- **Tailored technical training programs** covering OGMP, GHG accounting and reporting, methane management emissions, MRV, LDAR, emissions measurement, quantification methodologies and reporting requirements
- Training is adapted to **client's operational context, regulatory obligations and maturity level**

Advanced Reconciliation & L5 Inventory

- Includes **temporal and spatial extrapolation** + uncertainty of all factors.
- Merge of **source- and site-level quantifications** to consolidate inventory for **L5 reporting**

GAP Analysis & Technology Advice

- Assess **readiness for OGMP / EUMER / CSRD and other regulation** including tools, expertise, resources, processes
- Collect documents and conduct **desktop assessment**
- Define **GAPs for compliance**
- Recommend **best practices, methods and technologies** to measure, quantify, and **reduce methane emissions**
- Define a prioritised **steps and actions plan**
- Progressive execution of the **roadmap**

Roadmap & Implementation Plan

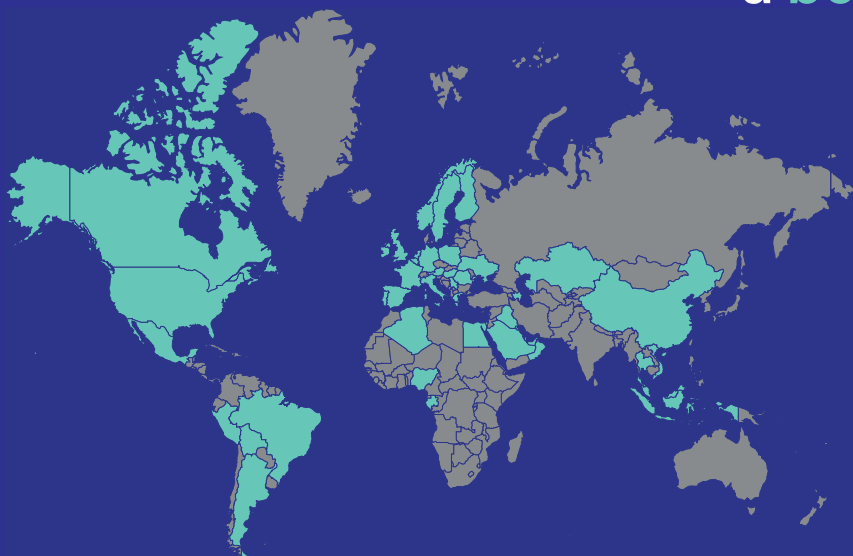
- Create a **multi-year roadmap** in line with **OGMP/EUMER framework**
- Define procedures for inventory, measurements, and extrapolation agreed by all personnel involved. It can include the annual **OGMP Implementation**
- Pathway including **L3/L4/L5 data** from a variety of sources with **extrapolation, uncertainty estimation and abatement**

Audit & 3rd Party Verification

- For companies conducting measurements in house (partially or fully), **verifications and validation of their data** with suggestions for improvements both for data processing and monitoring practices
- It can include **emission data analysis**
- It can include **audits of internal and external providers** (better defined in the next one)

Corporate GHG Reporting

- Development **GHG inventory** in accordance with ISO 14064, **covering Scope 1 & 2**
- Includes all **GHG compounds** (e.g., CH₄, CO₂, N₂O)
- Builds on existing **methane measurement and OGMP/ MRV activities**
- Establish a complete, **auditable GHG reporting framework** that supports regulatory, corporate and voluntary reporting requirements



Main countries we are active in

COMMON PAIN POINTS

Where operators most often struggle:

- **Fragmented and inconsistent data:** scattered across systems and teams, making reliable reporting difficult
- **Difficulty progressing beyond Level 3:** advancing to source-level reporting requires new methods and expertise
- **Uncertainty on strategy and technologies:** choosing the right approach and tools to meet targets efficiently
- **Internal capability gaps:** limited in-house resources to design and sustain robust programs

KEY OUTCOMES

Our Advisory enables:

L3 → L5

Compliance Uplift

From Level 3 to Level 5 maturity through an organised and streamlined implementation process.

30%

Cost Efficiency

Reduction in measurement and reporting costs through optimised materiality analysis.

70%

Operational Impact

Reduction in fugitive methane emissions through targeted repairs based on accurate source-level data.

100%

Audit Readiness

Gap analysis against fully auditable practices — robust, defensible datasets for internal and external verification.

HOW WE CAN HELP

Whether you are:

- Starting your **OGMP and MiQ journey**
- Preparing for **EU Methane Regulation compliance & abatement roadmaps**
- Improving **inventory quality & GHG reporting**
- Strengthening **internal capabilities**
- Preparing for **audit and third-party verification**

We provide **targeted, practical support tested in real operating environments and tailored to your needs.**

WHY AELLIA

With over **30 years of experience**, Aellia has built a strong reputation for delivering high-quality, reliable solutions across the globe. Our team of **more than 170 technical experts** works tirelessly to support clients in **over 40 countries**, having successfully executed **more than 13,000 projects** to date. We have analyzed **over 50 million emission sources** and **measured more than 170,000 valves**, contributing to a significant **reduction of 37 million kilograms of emissions**. Through our efforts, we have also helped identify and address **€136 million in flare losses**, underlining our commitment to efficiency, sustainability, and measurable impact.

Contact us to discuss your priorities and challenges.

Get In Touch