



CONFERENCE

Tackling Fugitive Gas Emissions: Regulations, Innovations, and Future Directions

**14 - 15 OCTOBER 2025
CAPE TOWN**

The New EU Regulation 2024/1106 Impact on LDAR Programs in the Energy Sector

Join us at the Conference on Fugitive Gas Emissions (FGE's), a premier event bringing together leading experts, policymakers, and industry professionals to address the pressing issue of FGE's.

Date: 14 - 15 October 2025

Place: TBC, Cape Town

Cost: \$980 per delegate

Travel & Accommodation for own account

QUALIFY NOW FOR THE EARLY REGISTRATION DISCOUNT

Book your seat at before Friday, 6 September 2025, and receive an Early Registration Discount of 50% from cost.

The 2024 amendments to Regulation (EU) 2019/942 are revolutionising how we tackle fugitive gas emissions in the energy sector. This conference will delve into the latest requirements mandating the use of optical gas imaging (OGI) cameras in Leak Detection and Repair (LDAR) programs.

Over two insightful days, participants will explore the latest advancements in detection technologies, regulatory frameworks, and mitigation strategies. Engage in thought-provoking discussions, gain practical knowledge from real-world case studies, and discover innovative solutions aimed at reducing FGE and protecting our environment.

Don't miss this opportunity to be at the forefront of FGE management and contribute to a sustainable future.

For more information, visit www.yellotec.co.za, or contact us at info@yellotec.com

Agenda

Day 1:

Understanding FGE, Regulatory Frameworks, and Detection Technologies

Introduction to Fugitive Gas Emissions:
Overview, significance, and impact on the environment and public health.

Global and Regional Regulatory Frameworks:
Examination of current legislation, compliance requirements, and future trends in FGE regulation.

Health and Safety Considerations:
Addressing the health and safety impacts of FGE and strategies to protect workers and communities.

Mitigation and Reduction Strategies:
Overview of techniques and practices to reduce FGE, including equipment upgrades and leak repair methodologies.

Renewable Energy and FGE Reduction:
Exploring how renewable energy sources can help in reducing FGE and transitioning to a lower carbon future.

Training and Awareness:
Overview of available training and certification as well as discussion on awareness levels needed depending on profession

Case Studies on Mitigation Successes:
Examples of successful mitigation strategies and the lessons learned.

Panel Discussion: Industry Best Practices:
A discussion with industry experts on overcoming challenges in FGE detection and compliance.

Day 2:

Mitigation Strategies, Case Studies, and Future Directions

Advancements in Detection Technologies:
Emerging technologies in detecting FGE, including drones, infrared cameras, and satellite monitoring.

Quantification Methods and Challenges:
Techniques for quantifying FGE and the challenges involved in accurate measurement.

Data Management and Analytics:
Utilizing data for better decision-making, predictive analysis, and trend identification in FGE monitoring.

Case Studies on FGE Detection:
Real-world examples of successful detection and management strategies.

Innovations in FGE Mitigation:
Future technologies and innovations aimed at reducing FGE emissions more efficiently.

Regulatory Compliance and Reporting:
Best practices for ensuring compliance with regulatory requirements and effective reporting.

Panel Discussion: The Future of FGE Management:
Insights into the future challenges and opportunities in FGE management.

Workshop: Using Detection Technologies:
Hands-on session with the latest tools and technologies for FGE detection.



Yellotec is a solution oriented company focused on Machine Health and Reliability through the application of advanced technologies.

