

# METHANE MEASUREMENT DIVISION



INNOVANTA

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Company Number 16820  
INNOVANTA GUYANA INC.

# WHO WE ARE?

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INNOVANTA is a company specialized in Design, Engineering, and Construction, focusing primarily on the Energy Industry. We stand out for our specialized approach tailored to the needs of our clients.

Our self-generation projects using Alternative Energies, energy efficiency, and emission reduction are designed to optimize sustainability and operational effectiveness. y la eficacia operativa.



# OUR PEOPLE

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Our team is composed of professionals with over 20 years of experience in various engineering disciplines for the identification, formulation, and execution of complex engineering projects supported by innovation, science, and technology

INNOVANTA provides global coverage to its clients through national and international strategic alliances. Our network of elite collaborators drives innovation, ensuring business success at every stage.





# QUANTIFYING METHANE

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At Innovanta Guyana, we specialize in delivering advanced methane detection solutions for onshore and offshore platforms using state-of-the-art drone technology. With a commitment to environmental stewardship and operational excellence, we empower the energy sector to minimize emissions and ensure regulatory compliance.

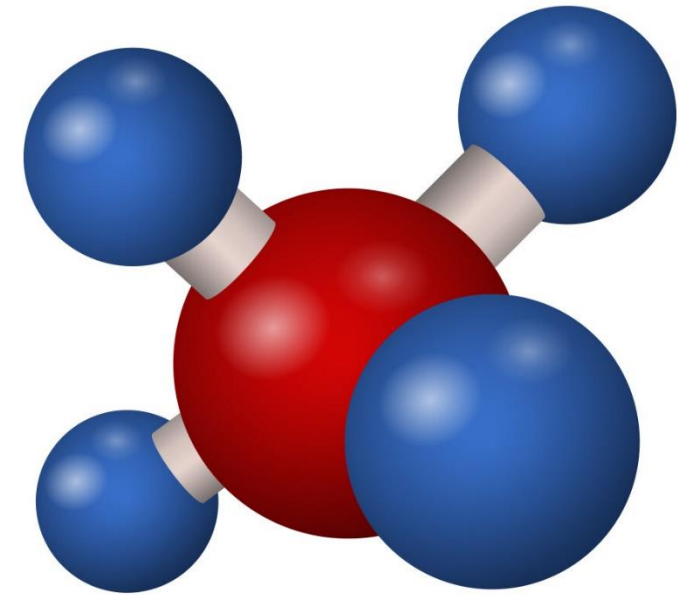


# WHY IT MATTERS

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Methane is over 80 times more potent than CO<sub>2</sub> as a greenhouse gas in the short term. Offshore platforms are critical emission points, and mitigating these emissions is vital for achieving global climate goals. Partnering with us helps you:

- Meet sustainability targets.
- Enhance operational efficiency.
- Strengthen your ESG profile.



# Why Choose Drone-Based Methane Monitoring?



## Value Proposition

- ✓ **Precision and Accuracy:** Our drones are equipped with highly sensitive sensors capable of detecting methane leaks down to parts per million (ppm), ensuring pinpoint accuracy.
- ✓ **Safety First:** Eliminates the need for personnel to work in hazardous environments, enhancing workplace safety.
- ✓ **Cost-Effective:** Reduces the need for costly and time-consuming manual inspections.
- ✓ **Real-Time Data:** Instantaneous methane readings and geospatial mapping enable rapid decision-making.
- ✓ **Minimal Disruption:** Non-invasive operations mean no interruption to your production activities.



# Our Technology

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## Business Promise

- ✓ **Laser-Based Sensors:** High-performance methane detectors using laser absorption spectroscopy.
- ✓ **Thermal Imaging Cameras:** Enhanced visualization for leak detection in hard-to-reach areas.
- ✓ **GPS Integration:** Precise geotagging for accurate location mapping of detected leaks.
- ✓ **AI-Powered Analytics:** Smart algorithms for anomaly detection and trend analysis.



# Our Solution

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## **Core Offering**

Our innovative solution for detection, pinpointing, and quantifying fugitive emissions ensures full-site coverage, delivering fast, cost-efficient, and regulatory-compliant methane data to the energy, renewable gas, and waste management industries, both onshore and offshore.





# THANKS!

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