

## **TRAFIGURA TO COMMERCIALY DEPLOY DAPHNE TECHNOLOGY'S PUREMETRICS™ ON LNG CARRIER FOR PRECISE MRV AND OPTIMISATION OF GHG EMISSIONS**

*Lausanne, 15<sup>th</sup> April 2024* - Daphne Technology proudly announces a significant milestone. The company has been selected by Trafigura, a market leader in the global commodities industry, for its first commercial deployment of PureMetrics™, scheduled for the summer of 2024.

Under the terms of the agreement, Daphne Technology will deploy its PureMetrics™ system aboard an LNG carrier chartered by Trafigura and managed by Latsco LNG LLC. PureMetrics™ directly measures and accurately reports real-time tonnes of GHG emissions to the environment, eliminating inaccurate reporting based on fuel consumption estimates. With a combination of an array of sensors, multi-source data integration, and approved methodologies and algorithms, PureMetrics™ ensures compliance with EU Monitoring, Reporting and Verification (EU MRV) and International Maritime Organization Data Collection System (IMO DCS) regulations. PureMetrics™ Compare and Optimize functions further improve operational efficiency, reducing GHG emissions and costs for the operators. PureMetrics™ was awarded approval in principle from [Lloyd's Register in June 2023](#).

### **Implementation Plan and Expected Outcomes**

The planned approach for implementing PureMetrics™ in Trafigura's fleet involves ensuring seamless integration with existing systems and processes, addressing technical challenges, and adhering to evolving environmental regulations and GHG emissions standards.

The contract with Trafigura aligns with Daphne Technology's long-term vision for addressing global methane slip challenges and contributing to the fight against global warming. It demonstrates practical GHG emission reduction measures, scales impact globally, provides actionable insights for emission optimisation, and inspires environmental stewardship.



**Daphne Technology, CEO & Founder, Dr Mario Michan, commented:** *"We are thrilled to have signed our first commercial contract with Trafigura, marking a significant milestone for our young company. While Trafigura is one of our strategic investors, this contract stands on its own merits as a testament to the effectiveness of our PureMetrics™ solution. It is a clear indication of our commitment to delivering value to our partners and clients, and we are proud to collaborate with Trafigura and Latsco on this important initiative."*

**Trafigura's Head of the Energy Transition Group and Venture Capital Investments, Margaux Moore, commented:** *"The deployment of PureMetrics™ on our first vessel is a crucial step towards establishing a baseline measurement for GHG emissions in our maritime operations. This baseline will provide a foundational understanding of actual emissions levels, enabling effective monitoring and targeted reduction efforts."*



**Latsco LNG LLC CEO, George Margaronis, commented:** *“We are excited to participate in such an innovative project, which will enable us to understand the level of emissions in a broader operating profile. Participation in this project shows our commitment to manage efficient ships while always monitoring the environmental impact. The data collected via the installation of the PureMetrics™ system should help us to operate the ship with a reduced emissions footprint in the future.”*

## Ends

*Notes to editors*

### **About Daphne Technology**

Daphne Technology is a Swiss climate deep-tech company, focused on solving the greenhouse gas challenge in tough-to-decarbonise industries. The company develops technologies and scales innovative products to measure and reduce GHG emissions from industrial sources, with a portfolio approach to decarbonisation targeting GHG emission inefficiencies in power generation and energy conversion across the globe.

Daphne's high-tech, innovative approach has attracted investment from global industrial leaders, including Shell Ventures, Saudi Aramco Energy Ventures, Trafigura, AET, Swisscom and JP Morgan, who are committed to enabling an economically sustainable energy transition.

The company has received multiple awards and recognitions, including the Horizon 2020 EU grant, Vaud Innovation Fund SPEI, Swiss Ministry of Environment Award, VentureKick 2020, Climate-KIC 2020, and Venture Business Idea. Daphne has also been featured as a top Swiss Clean Tech and Top 100 Swiss Start-up by VentureLab five times. The company has won several awards, including the Envirotech Maritime Innovation Award in 2021, the inaugural Nor-Shipping Ocean Solutions Award in 2022, and voted the top deep-tech company in Switzerland honoured with the prestigious Deep-Tech/Life Science Award at the 25th edition of the Swiss Economic Forum 2023. For more information, go to [daphnetech.com](https://daphnetech.com)

### **About PureMetrics™**

PureMetrics™ is a pioneering solution for measuring, reporting, and optimising GHG emissions. With a commitment to transparency, accuracy, and innovation, PureMetrics™ empowers businesses to achieve their carbon reduction goals and meet their internal objectives while contributing to a sustainable future. For more information, go to [daphnetech.com/solutions/puremetrics](https://daphnetech.com/solutions/puremetrics)

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***Daphne Technology - innovating a sustainable future with deep-tech.***