

Press Release

## GTT obtains funding from Bpifrance for the MerVent 2025 project, winner of the "CORIMER 2022" call for expression of interest

**Paris – February 2<sup>nd</sup>, 2023.** As part of the MerVent<sup>1</sup> 2025 project, winner of the "CORIMER 2022"<sup>2</sup> call for expression of interest, GTT has received €4.66 million funding from Bpifrance<sup>3</sup> for the design of an on-board CO<sub>2</sub> capture system and for the development of intelligent operational performance solutions.

The objective of the MerVent 2025 project is to design, build and operate, by 2025, the first commercial container ship with hybrid wind-assisted and synthetic fuel propulsion. The consortium includes the ship-owner Zéphyr & Borée, CWS, designer and manufacturer of the wing-sails, the Centrale Nantes University with its research teams specialized in energy optimization, OSE Engineering (a subsidiary of the GTT group) for the design of intelligent operational performance solutions, and GTT for the design of a CO<sub>2</sub> capture system on board.

Within the framework of this innovative project, GTT is developing an on-board capture technology solution that will capture at least 30% of the CO<sub>2</sub> emissions of the alternative fuel being considered (LNG, methanol, e-GNL and bioGNL), contributing to the objective of reducing CO<sub>2</sub> emissions by at least 50% for this type of vessel.

**Philippe Berterottière, Chairman and CEO of GTT, said:** *"This design of a commercial container ship with hybrid wind-assisted propulsion and synthetic fuel is the forerunner of a new generation of carbon-free merchant ships thanks to a highly innovative ship design, a hybrid propulsion and an on-board CO<sub>2</sub> capture system adapted to the alternative fuels currently being considered by the shipping industry. We are proud to bring the know-how and experience of the GTT group to the development of a low environmental impact container ship. Our digital intelligence subsidiary, OSE Engineering, will also play an essential role in this project, enabling the operational optimisation of the ship's various propulsion systems."*

<sup>1</sup> More information on MerVent2025: <https://zephyretboree.com/en/projects/mervent/>

<sup>2</sup> The fourth call for expressions of interest from the [Conseil d'Orientation de la Recherche et de l'Innovation des Industriels de la Mer](#)

<sup>3</sup> Bpifrance is a French public investment bank



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### About GTT

GTT (Gaztransport & Technigaz) is a technology and engineering company expert in containment systems with cryogenic membranes used to transport and store liquefied gas, in particular LNG (Liquefied Natural Gas). For over 50 years, GTT has been maintaining reliable relationships with all stakeholders of the gas industry (shipyards, ship-owners, gas companies, terminal operators, classification societies). The company designs and provides technologies which combine operational efficiency and safety, to equip LNG carriers, floating terminals, and multi- gas carriers. GTT also develops solutions dedicated to land storage and to the use of LNG as fuel for the vessel propulsion, as well as a full range of services.

GTT is listed on Euronext Paris, Compartment A (ISIN FR0011726835 Euronext Paris: GTT) and is notably included in SBF 120 and MSCI Small Cap indices.

For more information, visit [www.gtt.fr](http://www.gtt.fr).

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