

GTT Strategic Ventures invests in high-performing materials for CO₂ capture specialist novoMOF alongside Shift4Good, Regenerative Ltd and existing shareholders

Paris, April 14, 2025 - GTT Strategic Ventures, the investment fund of the GTT group, announces the completion of a funding round of 4.4 million Swiss francs (approximately 4.6 million euros) in novoMOF, a specialist in advanced materials for CO₂ capture. This investment was made alongside Shift4Good, Regenerative Ltd and other investors. The new investors join novoMOF's existing institutional and private shareholders.

A spin-off from Paul Scherrer Institute PSI founded in 2017 and based in Switzerland, [novoMOF](#) develops Metal Organic Frameworks (MOFs) for a range of applications, including point-source CO₂ capture. Its proprietary CO₂-capture materials offer outstanding performance, scalability and are environmentally sustainable by design, with the potential to capture CO₂ at costs well below €100 per ton of CO₂.

Metal-Organic Frameworks (MOFs) are a new class of highly porous materials with exceptionally high surface area in a compact volume. When precisely engineered, they can act as molecular cages, selectively capturing and separating target substances such as CO₂, methane or other high-value gases. Thanks to their versatility, MOFs can be used in a wide range of applications. MOFs were first discovered and developed by Professor Omar M. Yaghi, Professor of Chemistry at UC Berkeley and recipient of the 2024 [Balzan Prize](#). Professor Yaghi is scientific partner of novoMOF.

In partnership with technology providers, novoMOF is currently targeting point-source CO₂ capture across various industrial sectors, including energy production and industrial processes, addressing more than half of the global CO₂ emissions. The company aims to capture six million tons of CO₂ per year with its MOFs by 2030.

MOFs also enable highly space-efficient CO₂ capture designs, making them particularly well-suited for maritime and heavy-duty transport. novoMOF's materials will therefore contribute to reducing emissions in the shipping industry.

Hélène Loncin, Head of Venture Capital at GTT, commented: "GTT Strategic Ventures is proud to support the development of novoMOF, whose high-performance materials will help address the challenge of decarbonising maritime transport. Together with our co-investors, we are pleased to back a talented

and committed team whose work has the potential to make a real difference in CO₂ reduction. Following a particularly active 2024, novoMOF marks the eighth investment of GTT Strategic Ventures, which aims to contribute to the emergence of tomorrow's climate tech champions."

Yann Marteil, Co-founder & Managing Partner at Shift4Good, said: *"At Shift4Good, we invest in bold teams building breakthrough solutions to decarbonize transportation and industry. novoMOF stands out with its highly scalable, low-impact technology and a strong commitment to real climate impact. We are proud to join this journey and support their mission to make carbon capture more accessible, efficient, and sustainable."*

Daniel Steitz, CEO and Founder at novoMOF, commented: *"This investment marks a significant milestone in our journey to make MOF-based CO₂ capture both scalable and economically viable. With the support of GTT Strategic Ventures, Shift4Good, Regenerative, and our existing investors, we are accelerating the deployment of our advanced MOF materials where it matters most—at the heart of industrial, energy and transport emissions. Our goal is clear: to deliver meaningful impact on global emissions through cutting-edge materials and strong partnerships."*

About GTT

GTT is a technology and engineering group with expertise in the design and development of cryogenic membrane containment systems for use in the transport and storage of liquefied gases. Over the past 60 years, the GTT Group has designed and developed, to the highest standards of excellence, some of the most innovative technologies used in LNG carriers, floating terminals, onshore storage tanks and multi-gas carriers. As part of its commitment to building a sustainable world, GTT develops new solutions designed to support ship-owners and energy providers in their journey towards a decarbonised future. As such, the Group offers systems designed to enable commercial vessels to use LNG as fuel, develops cutting-edge digital solutions to enhance vessels' economic and environmental performance, and actively pursues innovation in the field of low-carbon solutions.

GTT is listed on Euronext Paris, Compartment A (ISIN FR0011726835 Euronext Paris: GTT) and is notably included in the CAC Next 20, SBF 120, Stoxx Europe 600 and MSCI Small Cap indices.

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About GTT Strategic Ventures

GTT Strategic Ventures is the investment fund created by the GTT group in 2023, dedicated to investing in Climate Tech champions.

For more information, visit <https://gttventures.com/>

About Shift4good

Shift4Good is an impact venture capital fund with €220 million in assets under management, focused on the decarbonization of the transportation sector. It invests in the transport for goods and people, which alone accounts for around 25% of global CO₂ emissions. Backed by top-notch institutional financial investors and major mobility players, Shift4Good has built a unique model to identify and support the best entrepreneurs—those capable of developing and deploying the radical innovations required by the climate emergency. Shift4Good has offices in Paris and Singapore.

For more information, visit www.shift4good.com

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About novoMOF

novoMOF is a Swiss deep tech company pioneering cost-effective, high-performance, and environmentally sustainable MOFs for carbon capture across industrial processes, energy production, maritime, transport, and more. A spin-off from the Paul Scherrer Institute, novoMOF develops, scales, and commercializes proprietary CO₂ capture materials that enable point-source capture well under €100/ton — making sustainable decarbonisation at scale a reality. The company aims to enable six million tons of CO₂ capture with its MOFs annually by 2030 and collaborates closely with technology partners for capture systems. novoMOF is supported by leading scientific partners, including the co-inventor of MOFs, Professor Omar M. Yaghi.

For more information, visit www.novomof.com

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