



Press Release

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Covestro and HGK Shipping subsidiary place their trust in wind assistance: “Amadeus Titanium” is now operating with an innovative drive system

- **Wind assistance system installed on the “Amadeus Titanium”**
- **Covestro and HGK Shipping enhance sustainable short-sea transport services**
- **Savings of about ten percent in fuel and lower CO₂ emissions**

Duisburg / Harlingen. Covestro and HGK Shipping are jointly taking another step towards sustainability: thanks to a resource-saving wind assistance system, the coastal vessel “Amadeus Titanium” operated by Amadeus Schifffahrts- und Speditionen GmbH can complete its transport tasks for its long-standing partner, Covestro, in an even more sustainable manner since the end of March 2026. The vessel operated by the HGK Shipping subsidiary was equipped with VentoFoils® from Econowind at the Dutch port town of Harlingen. This innovative technology makes use of wind power for the drive system and enables average fuel savings of about ten percent – which also means a reduction in the vessel’s CO₂ emissions.

“A very long cooperation arrangement based on trust connects us with our logistics partner, HGK Shipping. The equipment installed on board the ‘Amadeus Titanium’ represents another important step taken within this relationship and is enabling us to make our supply chains even more sustainable,” says Nils Peterzelka, the Sourcing Manager Regional Bulk Shipping of Covestro, setting the project in context. Wolfgang Nowak, the Managing Director of Amadeus Schifffahrts- und Speditionen GmbH, adds his comments from the shipping company’s point of view. “By using WAPS, i.e. so-called wind assistance propulsion systems such as the VentoFoils® from Econowind, we’re able to save fuel in our short-sea transport operations for Covestro. This brings with it both economic and ecological benefits.”

Sustainable transport solutions on the agenda

“Technological progress will create more options to complete transport logistics operations in the maritime sector and in the waterways system with lower emissions in future. Working with strategic partners such as Covestro, we’re seizing the opportunities that the market is opening up in the field of drive technologies, for example, or those that we’re developing for

the design of vessels, often in conjunction with our customers,” says Steffen Bauer, the CEO of the HGK Group and the CEO of HGK Shipping, emphasising his point.

“It’s our goal to reduce our CO₂ emissions in logistics by 30 percent by 2035 and already be climate-neutral in 2050. Today marks a further milestone in our transformation towards green logistics,” says Cristina-Maria Danila, the Head of Global Supply Chain & Logistics at Covestro.

Covestro and HGK Shipping are looking back on a long and successful partnership in inland waterway transport and short-sea shipping. The companies signed the extension of their co-operation arrangement until 2040 at the “transport logistic” trade fair in Munich in 2025. Within this partnership, the “Amadeus Titanium” will exclusively transport Covestro products on European short-sea routes.

Notes on the attached photo:

The coastal vessel “Amadeus Titanium”, operated by Amadeus Schiffahrts- und Speditions GmbH, a subsidiary of HGK Shipping, is carrying out its transport assignments for its long-standing partner Covestro in a more sustainable manner thanks to Econowind’s VentoFoil® wind assistance propulsion system.

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About the HGK Group:

Häfen und Güterverkehr Köln AG (HGK) is the logistics company within the City of Cologne’s public utilities group. Formerly just a port operator, HGK has developed into a group that provides integrated transport and logistics services with operations across Europe. Structured in five divisions, Logistics & Intermodal, Shipping, Rail Operations, Infrastructure & Maintenance and Real Estate, the HGK Group operates the largest inland waterway port network in Germany, one of the largest private railway companies for transporting cargo, specialist logistics firms and terminals as well as its own railway network and workshops for railway goods traffic through its subsidiaries and holding companies. HGK Shipping GmbH is the largest inland waterway shipping company in Europe.

About the HGK Shipping division:

HGK Shipping is part of Häfen und Güterverkehr Köln AG. Its fleet comprises about 300 vessels, including owner-operated ships. The spectrum of goods transported ranges from liquid chemical products and liquefied gases to dry goods and even break-bulk cargo.

About Covestro:

Covestro is one of the world’s leading manufacturers of high-quality polymer materials and their components. With its innovative products, processes and methods, the company helps enhance sustainability and the quality of life in many areas. Covestro supplies customers around the world in key industries such as mobility, building and living, as well as the electrical and electronics sector. In addition, polymers from Covestro are also used in sectors such as sports and leisure, telecommunications and health, as well as in the chemical industry itself.

The company is geared completely to the circular economy. In addition, Covestro aims to achieve climate neutrality for its Scope 1 and Scope 2 emissions by 2035, and the Group's Scope 3 emissions are also set to be climate neutral by 2050. Covestro generated sales of EUR 12.9 billion in fiscal year 2025. At the end of 2025, the company had 46 production sites worldwide and employed approximately 17,600 people (calculated as full-time equivalents).