

PRESS RELEASE

GREEN PORTS: Net-Zero Mission, a European exhibition to understand the energy transition of ports

A MAGPIE exhibition making European research results accessible to citizens and schoolchildren



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Le Havre, 10/03/2026 - The European MAGPIE project - sMART Green Ports as Integrated Efficient multimodal hubs -. Is marking the end of its work with an educational exhibition to involve the general public in this project that is shaping the future of its region.

Hosted at the LH Port Center (Le Havre, France), the exhibition aims to make the results of European research on the ecological and energy transition of ports accessible, focusing on HAROPA PORT and the Seine Axis, as well as other European ports. A MAGPIE exhibition is also being organized in the port of

Rotterdam, Netherlands, to further disseminate the project's results across Europe.

Funded by the **European Union's Horizon 2020** research and innovation program (2014-2020 multiannual financial framework), the MAGPIE project (Grant Agreement No. 101036594) aims to develop, test, and demonstrate innovative solutions for more sustainable, smarter ports that are better integrated into European multimodal logistics chains, in line with the objectives of the **European Green Deal** and **carbon neutrality**.

An exhibition in Le Havre organised by AIVP, with the support of HAROPA PORT

In Le Havre, the exhibition is organized by AIVP - **Association Internationale Villes et Ports** (International Association of Cities and Ports) - a partner in the MAGPIE project, which **designed, coordinated, and produced the exhibition content** in collaboration with the AGGELOS agency. The exhibition is hosted at the **LH Port Center**, with the support of **HAROPA PORT**, the pilot port for the MAGPIE project.

As such, **HAROPA PORT** contributed to the large-scale demonstrations carried out within the framework of the project, testing innovative solutions aimed at reducing the carbon footprint of port activities and improving the environmental performance of multimodal logistics chains. **HAROPA PORT**, together with the other pilot ports, will play a key role in scaling up selected solutions and sharing knowledge with other European ports. Its support for hosting the exhibition reflects this commitment.

HAROPA PORT brings together the ports of Le Havre, Rouen, and Paris along France's main river-sea corridor, connected to more than 660 ports worldwide. As such, **HAROPA PORT** is a major driver of decarbonisation along the Seine axis and across France through, for example, the continued development of green corridors. The creation of a barge bypass lock in the Port of Le Havre (a 200-million-euro project) to increase inland waterway transport, and the electrification of quays to reduce CO₂ emissions, also symbolize that commitment. Through these initiatives, **HAROPA PORT** namely aims to decarbonise port operations and to facilitate the shift toward more efficient multimodal transport.

The **AIVP**, an international network bringing together port cities and port authorities, plays a central role in **disseminating the results of the MAGPIE** project, ensuring their distribution to local authorities, ports, and urban stakeholders, while strengthening the link between port innovation, territories, and citizens. In line with AIVP's ambitions, its network works to ensure strong and lasting connections between ports, cities and citizens, helping to secure **public support and local authority engagement** for energy transition pilot projects.

An exhibition to share European research outcomes

The "**Green Ports: Low-Carbon Mission**" exhibition offers an immersive and entertaining experience that translates the MAGPIE project's demonstrators into accessible educational content. It gives visitors a better understanding of the strategic role of ports in global trade and in the local context of the Seine axis, as well as the challenges associated with decarbonizing port activities.

The exhibition is aimed at:

- **Schoolchildren and students,**
- **Citizens** who want to learn about the challenges of the ecological transition of ports and port cities.
- **And professionals who are interested in this research in one way or another.**

Interactive content based on MAGPIE demonstrators

The exhibition features several interactive devices inspired by solutions tested as part of the MAGPIE project, including:

- The board game “Les Aventuriers du quai” (The Quay Adventurers), which simulates the operation of a hybrid locomotive, allowing players to compare different energy choices and their environmental impacts
- A digital module dedicated to the optimized management of truck flows, aimed at reducing emissions and port congestion;
- Another physical game, “Equilibre à quai” (Quay Balance), illustrating the challenges of supplying electricity to ships at berth and balancing the grid;
- a digital simulation of alternative fuel bunkering, such as ammonia, highlighting safety and decarbonisation issues.

This format aims to go beyond a simple static exhibition by offering active scientific mediation, making the challenges and the responses provided by European research and innovation in the port sector tangible.

These activities also aim to foster citizen ownership of port ecological transition issues, particularly among younger audience.

A European project based on large - scale demonstration

The MAGPIE project brings together 42 European partners around four pilot ports: HAROPA PORT (France), the Port of Rotterdam (Netherlands), the Port of Sines (Portugal) and DeltaPort (Germany). Together, these demonstration sites have tested and assessed innovative solutions to reduce the carbon footprint of port activities and improve the environmental performance of multimodal logistics chains.

Practical information

- **Exhibition: Green Ports: Net-Zero Mission**
- **Location:** Le Havre Port Center - Terminal de la Citadelle, France
- **Dates:** Every Saturday and the last weekend of each month, from March 14 to August **30, 2026**
- **Admission:** Free of charge
- **Audience:** General public, school groups, university students
- **More information:** www.lehavreportcenter.com
- **MAGPIE project website:** www.magpie-ports.eu

About MAGPIE - SMART GREEN PORTS

MAGPIE (sMArt Green Ports as Integrated Efficient multimodal hubs) is a European project focused on developing, testing, and demonstrating solutions for sustainable and smart port logistics. By demonstrating and implementing innovative solutions in the areas of digitization and automation, the project contributes to the decarbonization of port-related transport.

The project brings together 42 partners from the Netherlands, Germany, France, and Portugal. This project has received funding from the European Union's Horizon 2020 research and innovation program (CFP 2014-2020) under grant agreement No. 101036594.

More information : www.magpie-ports.eu

About AIVP

The International Association of Cities and Ports (AIVP) is the world's leading network of cities and ports dedicated to the sustainable development of city-port relations. Since 1988, AIVP has been strengthening dialogue between cities and ports through innovation, cooperation, and environmentally and socially responsible practices.

More information : www.aivp.org

About HAROPA PORT

The ports of Le Havre, Rouen and Paris form the Seine Axis river-sea port complex. As the fourth-largest port system in Northern Europe, HAROPA PORT is connected to all continents, with services to more than 660 ports worldwide. It serves a vast hinterland centred on the Seine Valley and the Paris region, France's largest consumer basin. From Le Havre to Paris, the port complex offers 2.5 million m² of operational logistics warehouses. HAROPA PORT provides an integrated, end-to-end decarbonised transport and logistics system, handling over 100 million tonnes of maritime and inland traffic annually, supporting around 160,000 jobs.

For more information : www.haropaport.com

About Le Havre Port Center

Le Havre Port Center is a place for education, interpretation and dialogue, offering insight into the diversity of the industrial-port environment. Exhibitions, conferences, visits and workshops form the core of its outreach activities. Formats are tailored to different audiences: school pupils and students, professionals and citizens. Topics are presented in an accessible way, combining perspectives from researchers, local stakeholders and artists. The Port Center is also a unifying project for the port and industrial community, responding to the growing need for citizen engagement and showcasing the economic impact and employment opportunities generated by port activities. Le Havre Port Center was founded by five members: the City of Le Havre, Le Havre Seine Métropole, HAROPA PORT, the Maritime and Port Union, and the CCI Seine Estuaire.

For more information : www.lehavreportcenter.com

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