

# PRESS RELEASE

## “GAMECHANGERS”: A MAGPIE EXHIBITION AT PORTLANTIS, ROTTERDAM

*MAGPIE opens public exhibition at Portlantis showcasing the future of smart and sustainable ports*



© Port of Rotterdam Authority



**Rotterdam, 13/04/2026** - The European MAGPIE project has officially opened a new public exhibition at **Portlantis**, the interactive experience centre in the port of Rotterdam.

The exhibition offers visitors a unique opportunity to explore how ports can accelerate the transition towards a more sustainable, digital, and resilient future. The exhibition presents a selection of MAGPIE's most tangible and forward-looking innovations, developed in collaboration with partners across Europe. Through real-life objects and scale models, combined with accessible storytelling techniques such as augmented reality, visitors can discover how ports are working on cleaner fuels, smarter logistics, advanced digital tools, and low-emission transport solutions. The innovations include an offshore charging tower,



This project has received funding from the European Union's Horizon 2020 (MFF 2014-2020) research and innovation programme under Grant Agreement 101036594.

shore power peak-shaving, a hybrid shunting locomotive, an automated truck charging system, and solutions for smarter and greener inland shipping.

Europe is facing major challenges related to the energy transition, industrial competitiveness, climate objectives, and strategic resilience. In this context, ports are increasingly becoming places where innovation moves from concept to real-world application. MAGPIE was established to support this development. Co-funded by the European Union and coordinated by the Port of Rotterdam, the project brings together 45 partners to develop and demonstrate practical solutions that help European ports become greener and smarter.

The opening of the exhibition at Portlantis marks an important public milestone for the project. It provides a space where the general public, students, professionals, and even policymakers can engage directly with innovations that are being tested and implemented in the port environment.

**Berte Simons**, COO of the Port of Rotterdam, contributed to the opening of the exhibition and emphasized the significance of the project:

*"The logistics industry is undergoing the biggest transitions in decades, and the Port of Rotterdam is at the forefront of driving this change. Together with our MAGPIE partners, we are bringing knowledge and innovation together to accelerate the transition. We are turning plans and pilots into tangible solutions. It is a great achievement of the entire consortium that we can now showcase these innovations at Portlantis for a wider audience."*

The Portlantis exhibition forms part of MAGPIE's broader efforts to share results, strengthen collaboration between European ports, and increase public awareness of the role ports play in building a climate-neutral and future-proof Europe. By presenting these innovations in an accessible public setting, MAGPIE aims not only to demonstrate progress but also to inspire further cooperation, investment, and follow-up action across Europe.

The exhibition at Portlantis is open to visitors until **September**.



© Port of Rotterdam Authority

## Portlantis brings MAGPIE demonstrators to life

The exhibition journey is built around a series of objects inspired by the solutions tested within the MAGPIE project. A real-life, automated charging station for the connected green truck, a household consumer battery symbolising the shore power peak shaving solution, a locomotive and a barge model, a scaled offshore charging tower and a proof-of-concept hydrogen tank form the core of the exhibition, each supported by explanatory panels.

At the heart of the experience are digital tablets that scan the models, triggering augmented reality animations that explain how the innovations work, what impact they have and place them within the broader context of the MAGPIE project and the European Green Deal.

This format goes beyond a traditional static display, offering an engaging form of scientific mediation that makes both the challenges and the solutions brought by European research and innovation in the port sector more tangible.

These interactive features also aim to foster public engagement with the challenges of the port energy transition, particularly among younger audiences.



© Port of Rotterdam Authority

## Practical Information:

- • Exhibition: Game Changers
- • Location: Portlantis  
Prinses Máximaweg 301  
3199 KG - Maasvlakte 2, Rotterdam, Netherlands
- • Dates: 13 April - September 2026
- • Audience: general public, students, professionals, and policymakers
- • More information: [www.magpie-ports.eu](http://www.magpie-ports.eu) // [www.portlantis.nl](http://www.portlantis.nl)

## About MAGPIE

**MAGPIE (sMArt Green Ports as Integrated Efficient multimodal hubs)** is a European innovation project focused on accelerating the transition to climate-neutral ports. Coordinated by the Port of Rotterdam and co-funded by the European Union, MAGPIE brings together 42 partners to develop, test, and scale innovations in clean energy, digitalisation, and sustainable logistics.

This project has received funding from the European Union's Horizon 2020 (MFF 2014-2020) research and innovation programme under Grant Agreement 101036594.

## About the Port of Rotterdam

**The port of Rotterdam** creates significant economic and social value in the Rotterdam-Rijnmond region, the Netherlands, and Europe through employment and security of supply of energy, food and other products needed in society. Thanks to the favourable location, excellent infrastructure and hinterland connections, the port serves as an important hub for industry and global trade.

The Port of Rotterdam Authority's core tasks are the sustainable development, management, and operation of the port and industrial complex, and maintaining the effective, safe, and efficient handling of shipping in the port and the offshore approaches to the port. The Port of Rotterdam Authority aims to strengthen the port's position as a future-proof logistics hub and industrial complex. Quality is central to this. The Port Authority's ambition is to develop a climate-neutral port that is in harmony with its surroundings.

Facts and figures from the Port of Rotterdam Authority and the port of Rotterdam (2025): Port of Rotterdam Authority: approximately 1,440 employees, revenue approximately €940 million and gross investments €291 million. Port area: 12,500 ha of port area (land and water, of which over 6,000 ha is industrial sites). Length of the port area: over 40 km. Cargo throughput: approximately 428 million tonnes of freight a year. Shipping: approximately 27,384 seagoing vessels and 93,680 inland vessels annually. Employment: approximately 182,000 jobs (directly and indirectly in Rotterdam-Rijnmond). Added value: €23.3 billion, 2.2% of the Dutch GDP.

## About Portlantis

Portlantis is the port's home. A place where you can not only explore the exhibitions and activities but also enjoy a bite to eat or host a business event. Visitors can immerse themselves in the fascinating world of the port. The experience centre offers a fun-filled day out full of discovery and experience.

Portlantis is open from Tuesday to Sunday from 10.00 am to 5.00 pm. Check out the activities and times at [portlantis.nl](https://portlantis.nl). For more information, please contact:

**Edgar Gillet, MAGPIE Communication Officer, AIVP, [egillet@aivp.org](mailto:egillet@aivp.org)**