



MAGPIE

SMART GREEN PORTS

Report on other actions supported by EU addressing similar ecosystems and /or technologies

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Funded by
the European Union

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

REPORT ON OTHER ACTIONS SUPPORTED BY EU ADDRESSING SIMILAR ECOSYSTEMS AND /OR TECHNOLOGIES D10.1

GRANT AGREEMENT NO.	101036594
START DATE OF PROJECT	1st October 2021
DURATION OF THE PROJECT	60 months
DELIVERABLE NUMBER	D10.1
DELIVERABLE LEADER	Port of Rotterdam
DISSEMINATION LEVEL	PU
STATUS	V2.0
SUBMISSION DATE	31-03-2022
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This project has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No 101036594.

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Modification Control

VERSION #	DATE	AUTHOR	ORGANISATION
V0.1	29-03-2022	A.J. Polman	Port of Rotterdam
V0.2	11-02-2023	A.J. Polman	Port of Rotterdam
V2.0	14-11-2023	R. Will	Port of Rotterdam
Final	15-11-2023	A.J. Polman	Port of Rotterdam

Release Approval

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A.J. Polman	Project Coordinator	31-03-2022

History of Changes

SECTION, PAGE NUMBER	CHANGE MADE	DATE
Full document	Magpie template used	14-11-2023
Page 2, header	Deliverable number	14-11-2023

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1. Introduction

MAGPIE has four sister projects, namely the other projects that were selected under the green deal for green ports and green airports call. First, there is the twin sister PIONEERS. With the PIONEERS project management team, we have already started discussing how we can cooperate and exchange project results. We will join each other’s conferences and share our stakeholder. Next to this, we will investigate if we can work on a joint roadmap towards becoming a true smart green port. The sister projects TULIPS, OLGA and STARGATE face challenges similar to the smart green transition for green ports, but then for green airports. We will exchange information wherever we can with these projects. It is foreseen that we will have several exchanges with the sister projects mentioned. Shared stakeholder management is foreseen here as well.

1.1 Report on other actions supported by EU addressing similar ecosystems and /or technologies

Next to the sister projects, there are many relevant other initiatives. In the table below, we have mentioned the most relevant projects which are also publicly funded. With these projects, we hope to build a relationship so we can share our project results and learn from these initiatives. In 2024, we will contact the coordinators of these projects to discuss the possibilities to cooperate. Our criterium for cooperation will be that it should really deliver something for both parties. We don’t intend to exchange results if it doesn’t help MAGPIE and/or the other projects. Per project we will determine the level to which cooperation is desirable.

Project name	Funding source	Coordinator	Topic	Intended cooperation
PIONEERS	H2020 Green Deal	Port of Antwerp	PORTable Innovation Open Network for Efficiency and Emissions Reduction Solutions	Shared roadmap, stakeholder management
TULIPS	H2020 Green Deal	Schiphol	Green airports	Shared stakeholder management
OLGA	H2020 Green Deal	Charles de Gaulle	Green airports	Shared stakeholder management
STARGATE	H2020 Green Deal	Brussels Airport	Green airports	Shared stakeholder management

Project name	Funding source	Coordinator	Topic	Intended cooperation
COREALIS	H2020. SOCIETAL CHALLENGES - Smart, Green And Integrated Transport	INSTITUTE OF COMMUNICATION AND COMPUTER SYSTEMS	Capacity with a positive environmental and societal footprint: ports in the future era	None. Project is closed.
PORTFORWARD	H2020. SOCIETAL CHALLENGES - Smart, Green And Integrated Transport	Fraunhofer	Towards a green and sustainable ecosystem for the EU Port of the Future	End date 30 June 2022. PortForward will be interviewed for the roadmap (WP9)
PORTIS	H2020. SOCIETAL CHALLENGES - Smart, Green And Integrated Transport	Stad Antwerpen	PORT-Cities: Integrating Sustainability	None. Project is closed.
MOSES	H2020-MG-2019- TwoStages MG-2-6-2019	NTUA	Automated vessel and supplychain optimisation for sustainable short sea shipping	To be determined
PATH2ZERO	Dutch subsidy scheme from NWA, research zero emission	TU Delft	Zero emission inland waterway shipping. Integral approach regarding vessel, corridor, network and policy.	Some partners are the same (TUD, EICB, EUR), so information will be shared easily and actively.

Project name	Funding source	Coordinator	Topic	Intended cooperation
NOVIMOVE	MG 2-6-2019 Moving freight by water: sustainable infrastructure and innovative vessels	TU Delft	Closing gaps on the Rhine-Alpine Corridor with a 30% freight increase. Increase IWT reliability by making better use of the capacity and infrastructure.	Dissemination of our project results
PLATINA3	MG-4-10-2020 Improving impact & Broadening Stakeholder engagement in support of transport research and innovation	Stichting Projecten Binnenvaart	Raise modal share & zero-emission performance of IWT; a competitive, safe, climate resilient and integrated in synchromodal supply chains IWT sector; proper workforce (considering automation of navigation).	Dissemination of our project results
LASTING	MG-4-10-2020 Improving impact & Broadening Stakeholder engagement in support of transport research and innovation	SHIPYARDS AND MARITIME EQUIPMENT ASSOCIATION OF EUROPE	Set-up of a communication strategy for waterborne RD&I activities in the EU. To broaden engagement, increase stakeholder engagement and impact of RD&I.	Dissemination of our project results

Project name	Funding source	Coordinator	Topic	Intended cooperation
ENTRANCE	MG-3-8-2020 "First of a Kind" solutions for sustainable transport and mobility: EU initiative for accelerating EU-wide market access, scale up and derisking	Sintef Energi AS	Matchmaking of solution providers, buyers and finance possibilities. This to increase uptake of (cleaner) mobility innovations, access to financing, and a lower acquisition risk.	Dissemination of our project results
BOOSTLOG	MG 2 13 2020 Coordination and support for an integrated freight transport and logistics system	ALLIANCE FOR LOGISTICS INNOVATION THROUGH COLLABORATION IN EUROPE	Enhance current R&I ecosystem at regional and EU level. Speed up innovation uptake. Enhance R&I impact for EU policy objectives.	Dissemination of our project results
IW-NET	MG 2-6-2019 Moving freight by water: sustainable infrastructure and innovative vessels	INSTITUT FÜR SEEVERKEHRSWIRTSCHAFT UND LOGISTIK	Increase IWT modal share; Reduce GHG emissions from IWT.	Dissemination of our project results
AUTOSHIP	MG 3.2-2018	CIAOTECH Srl	Develop and demonstrate enabling technologies for autonomous ships; create better methods for development, assessment and verification of autonomous shipping.	Dissemination of our project results

Project name	Funding source	Coordinator	Topic	Intended cooperation
AEGIS	MG 2-6-2019 Moving freight by water: sustainable infrastructure and innovative vessels	Sintef Ocean AS	Enhance modal shift from road to water.	Dissemination of our project results
CURRENT DIRECT	LC-BAT-11-2020 - Reducing the cost of large batteries for waterborne transport	Vrije Universiteit Brussel	Developing and demonstrating an innovative, interchangeable waterborne transport battery system and an Energy as a Service (EaaS) Platform in an operational environment	Dissemination of our project results
ST4W	Interreg	Multitel	Facilitate modal shift to IWT through development of a management solution for shipment by IWT, providing small stakeholders with a simpler and cheaper access to secure data. Stakeholders can share a hierarchical track & trace service of shipment at logistics unit level e.g. what pallet in what vessel.	Dissemination of our project results