MAGPIE
SMART GREEN PORTS

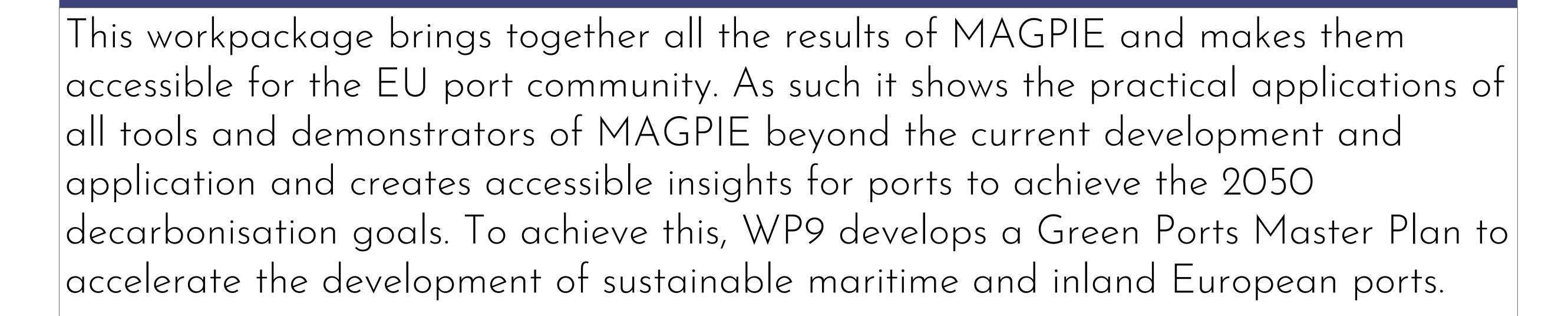# WP9 MASTER PLAN FOR EUROPEAN GREEN PORTS

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Introduction

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This workpackage brings together all the results of MAGPIE and makes them accessible for the EU port community. As such it shows the practical applications of all tools and demonstrators of MAGPIE beyond the current development and application and creates accessible insights for ports to achieve the 2050 decarbonisation goals. To achieve this, WP9 develops a Green Ports Master Plan to accelerate the development of sustainable maritime and inland European ports.

Endeavours

The Masterplan is created according to the following building blocks:

- Where are we now? Overview of current state of the green transition in ports
- Where do we go? Bold vision for the future green European port in 2050
- How do we get there? Roadmap for implementation of sustainable solutions to direct European ports to the 2050 vision by 2030, 2040 and 2050
- How can we implement a specific demo/tool? Handbook with concrete guidance on planning, implementation, replication and scaling-up of MAGPIE demonstrators

Lessons Learned

The overview of current state of the green transition in ports and vision creation process provided additional insights in the complex port landscape and the wide range of relevant topics in the port community. Also, the close cooperation and interaction between the Masterplan and the other MAGPIE activities creates additional value (no tunnel vision).
It should be noted that, the main value of the Roadmap and Handbook will be after the project ends (when these are implemented and used by European ports to become future green European port in 2050). Next to that, combining learnings from both MAGPIE as PIONEERS in the Roadmap will be of most value for the port community, instead of 2 separate masterplans. Therefore, this workpackage is actively working together with PIONEERS.

Highlight of ongoing work

Currently, the Roadmap and the Handbook are developed and the Vision is finalized and distributed among stakeholders. Defining what subjects to show in the Roadmap to ensure that the Masterplan will be implemented by the port community is the main challenge. Besides the MAGPIE project input, we work together with PIONEERS, TULIPS, OLGA, STARGATE and/or other trusted projects to define these subjects.

Green European Port in 2050
CARBON NEUTRAL, CIRCULAR and EFFICIENT MODALITIES

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