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**Integrating Danube Region into Smart & Sustainable
Multi-modal & Intermodal Transport Chains**

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2 Abbreviations

| Abbreviation | Explanation |
|-----------------|---|
| DPN | Danube Ports Network |
| DG MOVE | Directorate-General for Mobility and Transport |
| DG REGIO | Directorate-General for Regional and Urban Policy |
| EFIP | European Federation of Inland Ports |
| EHOO | Ennshafen Port |
| EUSDR | EU Strategy for the Danube Region |
| EU | European Union |
| MPAC | Maritime Ports Administration Constanta |
| PDM | Pro Danube Management GmbH |
| PGA | Port Governance Agency |
| PA 1A | Priority Area Waterways Mobility |
| RIS | River Information Service |
| RP | Reporting Period |

3 Introduction

The last of a series of 3 workplans elaborated by PDM in the frame of the DIONYSUS project, the core objective of this deliverable is to serve as a detailed roadmap to implement the [Capitalisation Strategy](#) in 2022. Elaborated in RP 1, the Capitalisation Strategy provides a detailed insight into the planned activities meant to foster the creation of knowledge inside the DIONYSUS project as well as to facilitate its transfer towards external stakeholders. At the same time, dedicated know-how will be collected from various experts active in the field of IWT and related industries by means of the manifold meetings and workshops foreseen during the entire implementation period of the DIONYSUS project. The strategy shall be implemented with the support of the Danube Ports Network (DPN), a platform aiming to enable cooperation between Danube inland and maritime ports addressing complex issues facing the port sector.

The thematic scope of the present workplan is grounded on three main themes pursued within DIONYSUS:

- Good port governance and sustainable port development & operations,
- port digitalisation and
- ports' connectivity.

This approach serves as a facilitator for coordinated input and synergies with relevant activities envisaged within the thematic WPs of the project:

- WP T1 Transport Corridors & IWT Markets,
- WP T2 Danube Inland & Sea Ports Analysis & Recommendations,
- WP T3 Integrated Port Development and
- WP T4 Pilot Cases.

The present deliverable aims to provide a detailed overview on the planned timeline for RP 4 and RP 5 covering the whole calendar year 2022, as foreseen by the Capitalisation Strategy. The second part of the workplan deals with the central role of the DPN as the main instrument to facilitate the creation and transfer of port-related knowledge as well as to coordinate various well-defined communication and dissemination activities. Likewise important to mention is the update of the [Digital Initiatives Observatory](#) and the [Port Knowledge Center](#) – both hosted by the DPN website (www.danubeports.eu). Both digital instruments are fully operational since RP 2. Their continuous update with relevant information and data is envisaged to be carried out by PDM.

4 Timeline and overview of tasks in RP 4 & RP 5

In order to support the implementation of the Capitalisation Strategy, the following timeline with a detailed overview on tasks and responsibilities has been created. The timeline proposes a step-by-step approach to efficiently capitalise the milestones and results of the project that go beyond the mere dissemination of achievements. Raising awareness among policymakers as well as setting the ground for strategic partnerships and collaborations, while engaging in various project-external events and policy consultations, are key milestones that are actively supported by the present workplan. The figure below provides a detailed overview on project capitalisation activities foreseen for the calendar year 2022.

| Nr | Workpackage / Activities | responsible contributor | | 2022 | | | | | | | | | | | | |
|----------|---|--|--|------|---|---|---|---|---|---|---|---|----|----|----|--|
| | | responsible | contributor | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
| O.T.3.6 | Danube Ports Days 2020, 2021, 2022 | PDM | EHO, PAV, MPAC | | | | | | | | | | | | | |
| O.T.3.7 | Project Capitalisation Strategy and Evaluation Report | PDM | HFIP, EHO, PGA, Vpas, PAV, USPA, PoVIE, DANLOG/GIFF, MPAC, POB | | | | | | | | | | | | | |
| D.T3.3.1 | Annual Work Plans and Yearly Activity Reports 2020, 2021, 2022 | PDM | feedback by all PPs involved in AT3.3; | | | | | | | | | | | | | |
| | Work Plan and Yearly Activity Report 2020 | | | | | | | | | | | | | | | |
| | Work Plan and Yearly Activity Report 2021 | | | | | | | | | | | | | | | |
| | Work Plan and Yearly Activity Report 2022 | | | | | | | | | | | | | | | |
| D.T3.3.2 | Coordination Meetings | PDM supported by MPAC, BRCCI, EHO, PGA | PDR, WPLs, PPs ports contributing to AT 3.3; all PPs in the project may attend | | | | | | | | | | | | | |
| | Coordination Meeting 2020 | PDM & MPAC | | | | | | | | | | | | | | |
| | Coordination Meeting 2021 | PDM & BRCCI | | | | | | | | | | | | | | |
| | Coordination Meeting 2022 (2x) | PDM & EHO; PDM & PGA | | | | | | | | | | | | | | |
| D.T3.3.3 | Report on EU and Transnational partnerships and coordination activities | PDM | validation by all PPs involved in AT3.3 | | | | | | | | | | | | | |
| | Coordination meeting EUSDR FACs (PA1A, PA1B) | | | | | | | | | | | | | | | |
| | RIS Comex Project Coordinator | | | | | | | | | | | | | | | |
| | Meeting DG Move, DG Regio | | | | | | | | | | | | | | | |
| | Meeting EFIP | | | | | | | | | | | | | | | |
| D.T3.3.4 | Report knowledge-transfer events, tools and publications | PDM | VPAs, MPAC, PPAT3.3 | | | | | | | | | | | | | |
| | Port Knowledge Center | | | | | | | | | | | | | | | |
| | Publications (DPN Handbook incl. port statistics) | | | | | | | | | | | | | | | |
| | Capitalisation Factsheets | | | | | | | | | | | | | | | |
| | Newsletters | | | | | | | | | | | | | | | |
| D.T3.3.5 | Strategic roadmap for follow-up activities | PDM | PDR, all WPLs, HFIP, EHO, PGA, Vpas, PAV, USPA, POV, MPAC, UTM, DANLOG | | | | | | | | | | | | | |
| D.T3.3.6 | COVID-19 Impact on Danube Ports | PDM | PDR, IC, Vpas, HFIP, PAV, PGA, POB, UTM, USPA & their related ASPs | | | | | | | | | | | | | |
| | Comparison 2021-2020 | | | | | | | | | | | | | | | |
| | Comparison 2022-2021 | | | | | | | | | | | | | | | |

Figure 1: Timeline Period 4 & 5

The third and last edition of the **Danube Ports Day** event will be organised by PDM together with MPAC in Constanta, Romania in October/November 2022. (RP 5).

Two further DPN coordination meetings will be organised in 2022 to capitalise on the closed activities in the framework of the DIONYSUS project.

Coordination meetings will be further organised, namely with EUSDR PA 1A, PA 1B and EFIP. The envisaged meeting with DG MOVE and DG REGIO will be used to plan the details for the Policy Enquete to be organised in Brussels in April 2022.

The last round of publications (newsletters, factsheets) will be published in RP5. Likewise important will be the preparation and publication of the DPN Handbook, a booklet collecting essential aspects on Danube ports. Two editions of the DPN Handbook shall be published based on the collected data via surveys in 2021 and 2022.

Making sure that the impact of the DIONYSUS project will continue after the project ends, a **Strategic Plan for Follow-Up Activities** will be elaborated in RP 5. This step will secure a long-term effect of the milestones achieved on port development related issues.

Both passenger and cargo transportation were highly affected by the ongoing COVID-19 pandemic, with cargo not having enough time to fully recover after the drought of 2018. Limiting the

devastating impact on the industry therefore has to be high on the agenda of decision-makers at both national and local levels. Therefore, as a response to the current crisis, a report on **the COVID-19 Impact on Danube Ports** will be elaborated. The aim of this study is to present an overview on the economic and operational impact of the pandemic on Danube Ports, covering the years 2020 and 2021. Relevant data will be collected by a survey, looking into a multitude of port development related aspects.

5 DPN: the instrument to implement the Capitalisation Strategy

In the framework of DIONYSUS, DPN is at the heart of coordinated project capitalisation tasks that contribute to efficient project implementation, knowledge-creation and transfer, as well as to creating synergies with EU transport policy initiatives and other port development related projects. This chapter provides a detailed overview on the activities planned under the umbrella of the DPN in 2022 (RP 4 & RP 5).

5.1 Danube Ports Day 2022

One of the main highlights of 2021 will be the third edition of the Danube Ports Days, organised by MPAC in cooperation with PDM in Q3 or Q4/2022.

The key topics of the second edition will focus on relevant project results achieved so far in the thematic work packages T1, T2 and T3. Based on the experience gained in the framework of the first and second editions, the third edition will further discuss relevant topics in terms of concrete needs and requirements of the IWT sector with a special focus on port development issues. Lessons learnt as well as success stories will be included on the agenda of the Danube Ports Day 2022. The following figure, highlighting the third edition of the event, provides a detailed overview:



Figure 2: Danube Ports Day 2022

5.2 Coordination Meetings

Periods 4 and 5 furthermore foresee coordination meetings with EUSDR PA1a and PA1b as well as with the RIS Comex Project Coordinator. On the European level, coordination meetings with relevant EC services – DG MOVE and DG REGIO – are envisaged to take place, while strengthening the cooperation with EFIP will also be high on the agenda. The results of these meetings will feed into the **Report on EU and Transnational Partnerships & Coordination Activities (D.T3.3.3)**, which is due to be finalised in November 2022 (Period 5).

DPN Coordination meetings are envisaged to be organised in RP 4 (PDM in cooperation with EHOO) & RP 5 (PDM in cooperation with PGA).

5.3 Updating the DPN digital tools

The **Port Knowledge Center** and the **Digital Initiatives Observatory** will be periodically updated with relevant information.

The figure below illustrates the main functionalities of the Port Knowledge Center:

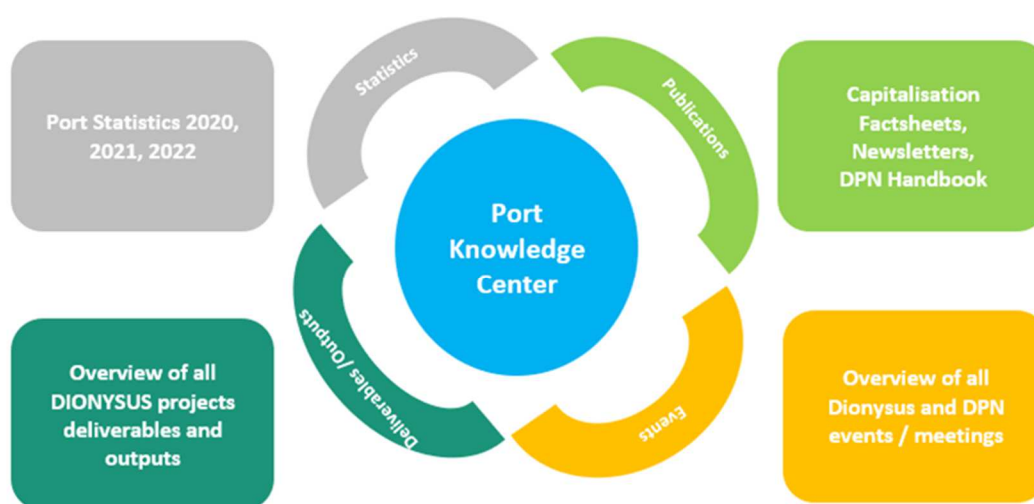


Figure 3: Port Knowledge Center

Publications – such as the Factsheet 2022 and the second edition of the Danube Ports Handbook will be elaborated. While the 2nd edition of the **Danube Ports Handbook** is envisaged to be finalized in October 2022, the elaboration of the **Factsheet 2022** is due in December 2022 (RP 5). In terms of planned publications, the DPN will furthermore support the elaboration of 3 project newsletters (June 2022, September 2022 & December 2022). Likewise important to highlight – the Port Knowledge Center will be updated with the final versions of the DIONYSUS outputs and deliverables which will be elaborated in RP 4 & RP 5 in order to secure a high visibility of the project’s results.

The second tool hosted by the DPN website – the Digital Initiatives Observatory – will periodically be updated by the team of PDM. The aim of this tool is to collect information and provide access to the wider Danube IWT community to various relevant digitalisation initiatives along the logistic chains in line with RIS deployments, EU digitalization policy goals, legislation and measures. The figure below illustrates the Digital Initiatives Observatory:

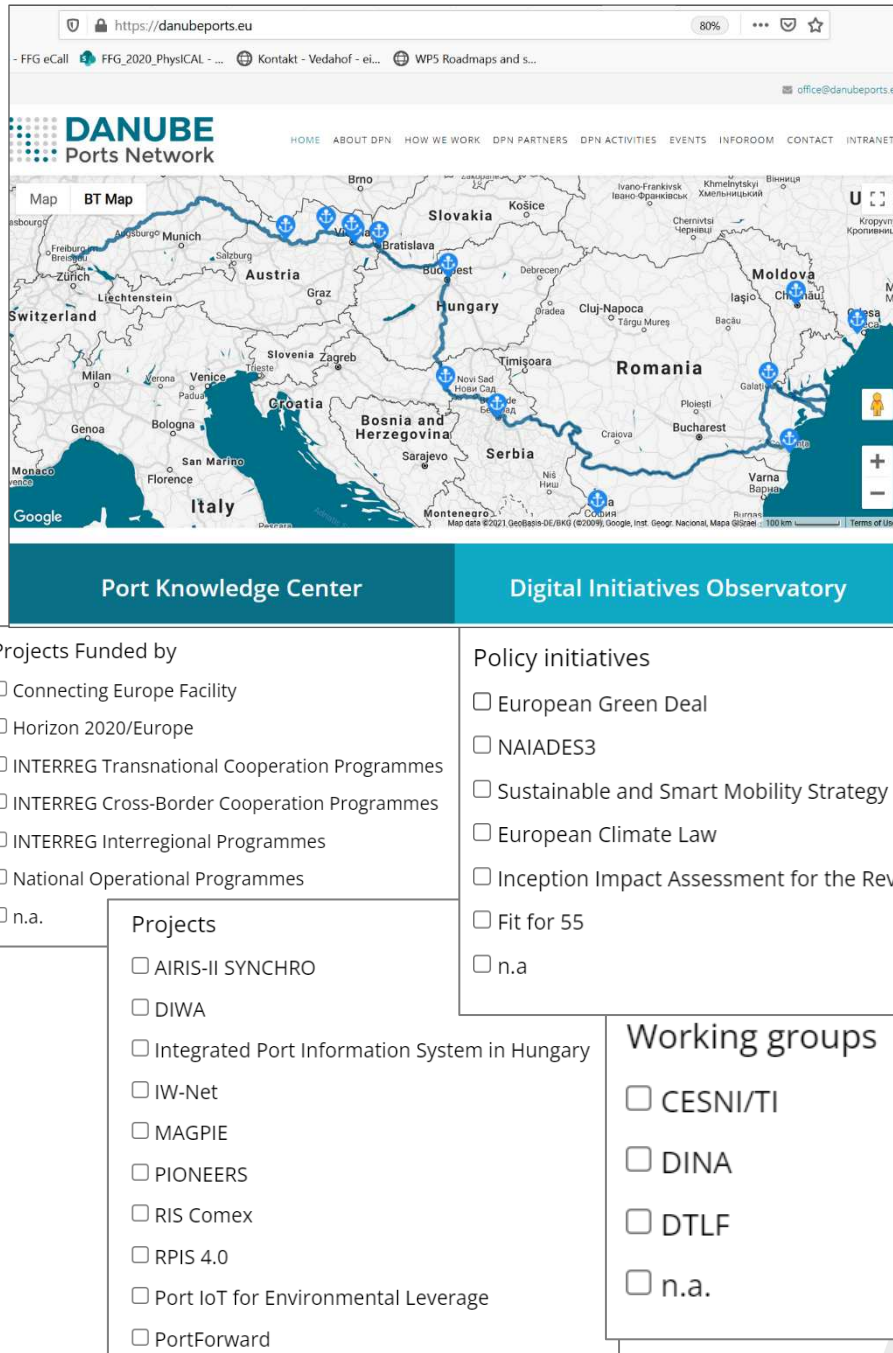


Figure 4: Digital Initiatives Observatory

5.4 Synergies arising from WP T1 Transport Corridors & IWT Markets

As illustrated below, in the frame of WP T1 Transport Corridors & IWT Markets, 3 outputs will be elaborated in the course of 2022, whereas 3 events will be organised in order to involve stakeholders in the proceedings of DIONYSUS:

| 2022 (RP4, RP 5) | |
|---|-----|
| OUTPUTS | |
| IWT Market Observatory | RP4 |
| Gap analysis & Recommendations for corridor enhancement | RP5 |
| Policy recommendations for Container Liner Service on the Danube River. | RP5 |
| EVENTS | |
| Regional workshop #3: Container Liner Services. | RP4 |
| Workshop #2: Transport Corridors Connections | RP4 |
| International Conference: Transport Corridors Connections | RP5 |

Figure 5: Synergies arising from WP T1

5.5 Synergies arising from WP T2 Danube Inland & Sea Ports Analysis & Recommendations

| | |
|---|-----|
| OUTPUTS | |
| Strategy for the development of a multi-/intermodal transport network in Danube corridor. | RP4 |
| Tool for flexible/dynamic pricing supporting port and IWT hinterland development. | RP4 |
| Integrated Danube Transport Corridor Digitalization Strategy & Action Plan. | RP5 |
| EVENTS | |
| Stakeholders Meeting #2: Port Pricing Systems | RP4 |

Figure 6: Synergies arising from WP T2

As illustrated above, several outputs are foreseen to be finalised in the frame of WP T2 Danube Inland & Sea Ports Analysis & Recommendations. Important to mention is the fact that the **Stakeholders Meeting #1: Port Pricing Systems – under the responsibility of iC** will most probably be organised in RP 4, not as initially foreseen in RP 3. For all the other outputs & events, no changes are planned.

5.6 Synergies arising from WP T3 Integrated Port Development

The following figure provides a detailed overview:

| OUTPUTS | |
|--|-----|
| National Recommendations and Consolidated Strategy Plan | RP4 |
| Strategy & Recommendations for optimizing the waterborne transport of agricultural products in the Danube Region | RP4 |
| Inter/multimodal logistics transport cases for new waterborne waterborne logistics chains | RP4 |
| Project Capitalisation Strategy&Evaluation Report | RP5 |
| Consolidated Danube Region Infrast. Master Plan including Recommen. for sustainable growth of River Cruise Industry. | RP5 |
| EVENTS | |
| Regional Workshop #3: Ports & Agricultural Products Traffic in the Danube Region Countries [RO/BG/MD/UA] | RP4 |
| International Conference: Agricultural Products Traffic in the Danube Region | RP5 |
| Danube Ports Day: 2022 | RP5 |
| Regional Workshop #2: River Cruise Industry in the Danube Region_Past, Present & Future [HU/RS/HR] | RP4 |
| Regional Workshop #3: River Cruise Industry in the Danube Region_Past, Present & Future [RO/BG/MD/UA] | RP5 |
| Policy Enquete in Brussels with DG Agri, Regio, Move) | RP4 |

Figure 7: Synergies arising from WP T3

In terms of **outputs**, five outputs are foreseen, all having as deadline RP 4 and RP 5 (2022). These outputs are:

- National Recommendations and Consolidated Strategy Plan -->RP 4,
- Strategy & Recommendations for optimizing the waterborne transport of agricultural products in the Danube Region -->RP 4,
- Inter/multimodal logistics transport cases for new waterborne waterborne logistics chains --> RP5,
- Project Capitalisation Strategy & Evaluation Report --> RP 5,
- Consolidated Danube Region Infrastructure Master Plan including Recommendations for sustainable growth of River Cruise Industry --> RP 5.

Several **events** are also foreseen to be organised during RP 4 & RP 5 in the frame of WP T3:

- Regional Workshop #3: Ports & Agricultural Products Traffic in the Danube Region Countries [DE/AT/SK],
- International Conference: Agricultural Products Traffic in the Danube Region --> RP 5,
- Danube Ports Day: 2022 --> RP 5,

-
- Regional Workshop #2: River Cruise Industry in the Danube Region - Past, Present & Future [HU/RS/HR] --> RP 4,
 - Regional Workshop #3: River Cruise Industry in the Danube Region - Past, Present & Future [RO/BG/MD/UA] --> RP 5,
 - Policy Enquette in Brussels with DG AGRI, REGIO, MOVE --> RP4.