



## DECARBONLIM - Research Project Fact Sheet.

<b>Title of Project</b>	<b>Integrated Approach on Alternative Marine Power for the Port of Limassol</b>
<b>Project Acronym</b>	DECARBONLIM
<b>Funding Program</b>	CEF Infrastructure Projects
<b>Project Identifier</b>	CEF-T-2023-CORECOEN-MARP-WORKS
<b>Total Budget / FRCBudget</b>	362 950.00
<b>Starting – Ending Date</b>	01/11/2024 – 31/10/2026
<b>Consortium</b>	<ol style="list-style-type: none"><li>1. Cyprus Port Authority (CPA) (Coordinator)</li><li>2. Frederick University</li><li>3. DP World Limassol Ltd</li><li>4. Eurogate Container Terminal Limassol Ltd</li><li>5. Electricity Authority of Cyprus</li><li>6. Limassol Municipality</li><li>7. Cyprus Transportation System Manager</li></ol>
<b>Project Objectives</b>	<p>General: The Cyprus Ports Authority (CPA) aims to enhance the national economy by developing sustainable, technologically advanced port infrastructure. In line with EU regulations for zero-carbon facilities, CPA is proposing a technical and economic study to assess the feasibility of installing Onshore Power Supply (OPS) systems at the Port of Limassol. The study will evaluate the technical, financial, and social requirements of key stakeholders, including CPA, port operators, the Electricity Authority, the Transmission System Operator, and the Municipality of Limassol, as well as the needs of various ship types. The goal is to identify the viability of providing onshore power to vessels, supporting both environmental and economic objectives. This project will lead to a funding proposal for the construction and operation of the OPS infrastructure, aligning with the commercial and environmental targets of all involved parties. The study will also support Cyprus's compliance with EU environmental regulations, particularly the 2030 targets and the EU Green Deal. CPA is leading a dedicated consortium to address all aspects of the project, including organizational, technical, operational, and scientific considerations, while engaging all relevant stakeholders. The project not only contributes to national environmental policies but also provides a replicable solution that can be adapted to other Cypriot ports, further promoting sustainable port operations across the country.</p>
<b>Work Packages</b>	<b>WP1: Project Management</b>



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- WP2:** Analysis of the Port's current Operational capacity
  - WP3:** Preliminary Study Design
  - WP4:** Risk Assessment Studies
  - WP5:** Detailed Study
  - WP6:** Feasibility Study and Cost Benefit Analysis
  - WP7:** Dissemination & Exploitation

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References

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