Interreg
Co-funded by the European Union
Italy – Croatia
MILEPORT

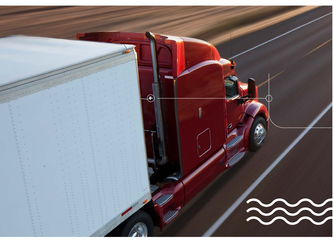
MILEPORT

IMPROVING THE LAST MILE ACCESSIBILITY OF ADRIATIC PORTS

Strategy & Action plan

PROJECT CONTEXT AND VISION

ADRIATIC PORTS: STRATEGIC HUBS BETWEEN THE SEA, CITIES AND EUROPEAN NETWORKS



MILEPORT is designed to bring ports closer to their cities and hinterland, starting with the last mile, by harnessing the power of digitalisation.

The Adriatic ports in Italy and Croatia **are crucial hubs for European freight traffic.** They connect global shipping routes with the hinterland and integrate different modes of transport.

However, their proximity to urban centres makes it essential to **manage freight traffic more efficiently, especially in the last mile.**

MILEPORT was created to improve this connection, reduce critical issues and make ports more digital, fluid and sustainable.

THE LAST MILE CHALLENGE

Overcoming some critical issues is essential to making ports more efficient, sustainable and integrated with cities.

The last mile between the port and the hinterland is one of the main critical points in port logistics.

In Adriatic ports, this phase is often dominated by heavy traffic, long waits, lack of coordination and excessive use of paper documents.

This results in **urban congestion, operational delays, increased emissions and higher costs for businesses and local areas.**

A CROSS-BORDER RESPONSE

The challenges of the last mile do not stop at borders.

MILEPORT promotes cooperation between Italy and Croatia through a **shared approach** that seeks common and more efficient solutions for all participating ports.

THE STRATEGY

A DIGITAL APPROACH FOR THE LAST MILE

Real-time communication, data exchange between digital platforms, paperless management and digital vehicle monitoring are the technological pillars that enable smoother, safer and more integrated logistics

MILEPORT promotes a strategy based on advanced ICT solutions to **improve the accessibility of Adriatic ports** and enhance the efficiency, sustainability and competitiveness of the entire logistics chain.

SHARED SOLUTIONS

Thanks to these IT solutions, ports will be able to optimise operations, reduce emissions and offer more effective services to operators and shippers.

The aim is to build a common set of digital solutions for all partner ports, integrating IT systems such as PCS, VBS and gate operating systems **to improve traffic management, security and real-time data exchange.**

ACTION PLAN

AN ACTION PLAN THAT SETS THE STAGE FOR REAL TESTS

MILEPORT partners have worked together to translate the cross-border strategy into concrete actions addressing the critical challenges of last-mile port accessibility, focusing on two key topics.

PLANNING IN TWO KEY OPERATIONAL AREAS

1. TRANSPORT FLOW MANAGEMENT AND VEHICLE BOOKING SYSTEMS

IN>>> The ports involved face potential queues of lorries inside and outside terminal areas, slowing down daily operations and making schedules unreliable.

These inefficiencies result in higher costs and increased CO_2 emissions.

OUT>>> THE ACTION PLAN INCLUDES DIGITAL SOLUTIONS TO REDUCE CONGESTION, OPTIMISE VEHICLE DWELL TIMES IN PORTS, AND MAKE TRANSPORT MORE EFFICIENT AND SUSTAINABLE.

2. ENTRY/EXIT TOOLS AND PROCEDURES

IN>>> Gate procedures may cause queues of heavy goods vehicles, which negatively affect daily operations and reduce overall port efficiency.

OUT>>> THE ACTION PLAN FORESEES THE WIDESPREAD USE OF ICT TOOLS ENABLING THE AUTOMATION OF GATE OPERATIONS, SIGNIFICANTLY REDUCING WAITING TIMES AND IMPROVING PORT SYSTEM PERFORMANCE. ELIMINATING PAPER DOCUMENTATION FURTHER CONTRIBUTES TO SIMPLIFICATION AND EFFECTIVENESS.

TANGIBLE BENEFITS

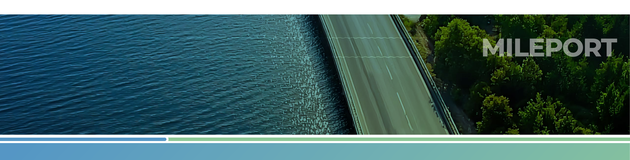
LESS WAITING AT GATES, GREATER EFFICIENCY FOR PORTS, TRANSPORT AND SHIPPERS

-15%

REDUCTION OF TRUCK WAITING TIME AT GATES

Testing the measures included in the action plan is expected to deliver tangible results.

Optimising incoming and outgoing flows in ports speeds up operations, reduces congestion and improves service quality.



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