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MultiRELOAD

PORT SOLUTIONS FOR SUSTAINABLE MOBILITY



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Objectives

MultiRELOAD focusses on the specific role and challenges of **inland ports as multimodal freight nodes** in reaching Europe's greenhouse gas reduction target of at least 55 % by 2030, thereby shifting a substantial part of the 75% of inland freight carried today by road in the EU to inland waterways and rail, and by increasing operational efficiency, safety and reliability of existing infrastructures through digitalization. MultiRELOAD enhances the **collaboration between different freight nodes** in Europe to jointly test innovations and create favorable market conditions for multimodal freight transport solutions.



Challenges

For leveraging their potential to becoming more efficient, effective and sustainable in managing goods and freight flows, the multimodal freight nodes face challenges that will be addressed in the **3 Innovation areas A, B and C**:



Challenge of Innovation area A

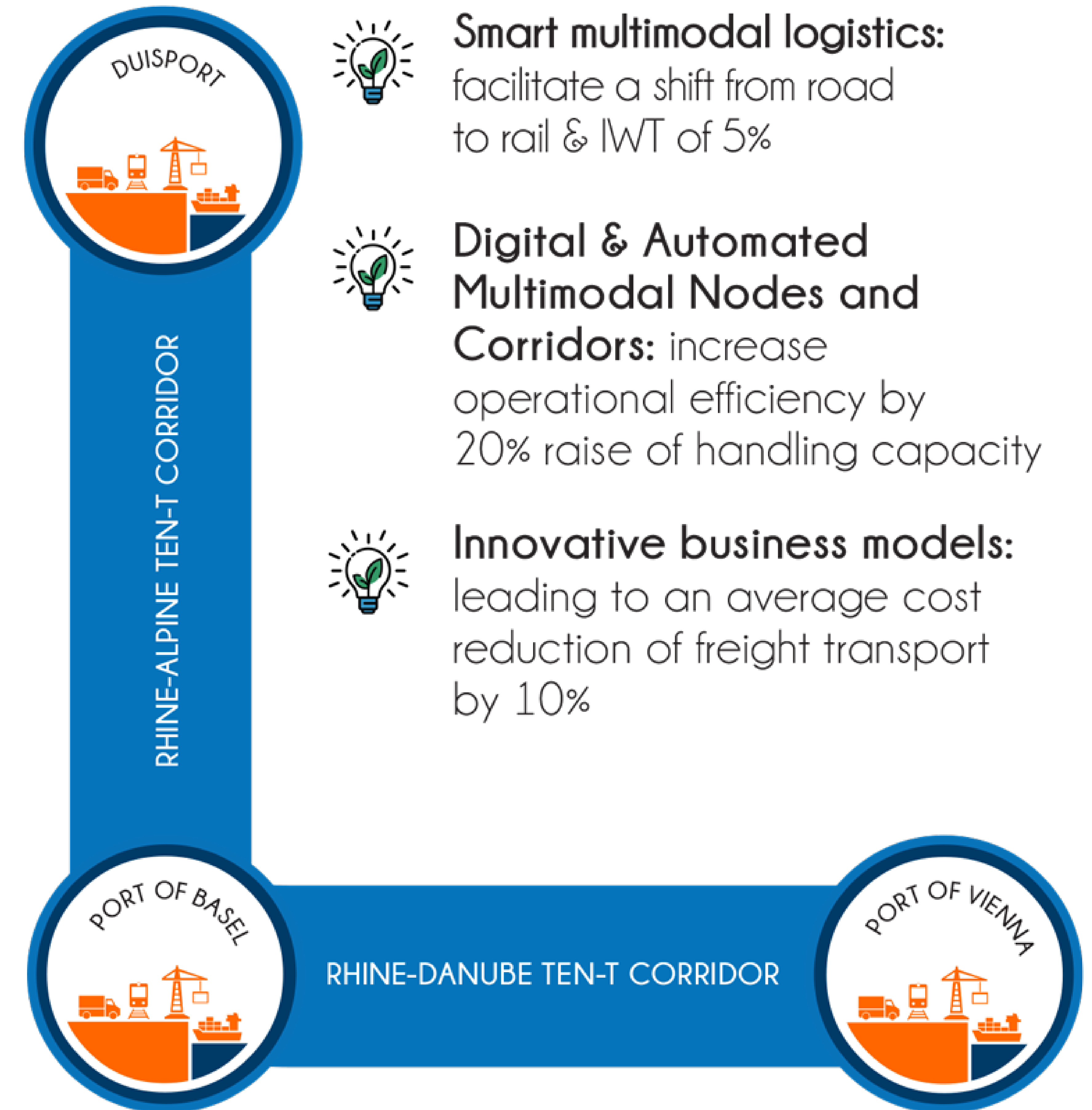
“Smart Multimodal logistics”: Aim at efficient bundling of traffic flows and at a coordinated modal shift of 5% each to rail and inland waterways.”

Challenge of Innovation area B

“Digital & Automated Multimodal Nodes and Corridors”: Increase efficiency and support the transformation of logistics nodes to Physical Internet nodes.”

Challenge of Innovation area C

“Innovative business models”: create favorable market conditions for accelerated uptake of multimodal freight transport solutions.”



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