


MECO2023 Project dissemination template

Project Name	Enhanced Physical Internet-Compatible Earth-frieNdly freight Transportation ansWER (ePIcenter)
Logo	
Web page	https://epicenterproject.eu/
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Donor	European Commission, Horizon 2020 Programe
Active Period	June 2020-November 2023
Consortia members	Port of Antwerpen (Project Coordinator) Administration for Maritime Safety and Port Management of Montenegro (AMSPM) (Consortium partner - End-User) + 30 other partners from academia, technology and first responding organisations, including: Large enterprise, SMEs, Academia, RTOs and End users
Short Description	ePIcenter will create an interoperable cloud-based ecosystem of user-friendly extensible Artificial Intelligence-based logistics software solutions and supporting methodologies that will enable all players in global trade and international authorities to co-operate with ports, logistics companies and shippers, and to react in an agile way to volatile market changes and to major climate shifts impacting traditional freight routes.
Main Results	Key results that are expected to be provided for the period of project implementation: <ul style="list-style-type: none"> • TEN-T & Global Networks Review of Challenges • Arctic & New Trade Routes Challenges analysis • Review of EU/ Global Initiatives, Policies & Standards impacting ePIcenter • ePIGEN Physical Internet Open VISION • ePIGEN International Cooperation & Governance Model • Analysis Modularisation Potential to solve empty container repositioning imbalance • Development of Arctic Navigation & AI Fuel Minimisation Algorithms as well as Environment-& Wildlife-friendly Arctic Navigation Solutions • Development of Integrated FreightBot Synchromodal & Multimodal Transfer Zone Toolsets • Freight Network Configuration Impact Comparator Toolset

Interested in further cooperation	Cooperation with both, scientific and industrial partners aimed on further development of sustainable and environmentally-friendly transport solutions.
Multimedia content, short film or slide show The links	All project results will be available at: https://epicenterproject.eu/