LINCOLN

Lean Innovative Connected Vessels

www.lincolnproject.eu

MAIN EU MARITIME CHALLENGES

Safer Maritime Transport

Reduce risk of people on board new ships by 90%

Cleaner Maritime Transport

Reduce ship CO2-emission to air by 80%

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Reduce ship NOx and SOx emissions by 100%

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Reduce underwater noise by 10dB

Stronger Industry

Improve technology supplier productivity by 80%

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Reduce ship operating costs by 80%

OBJECTIVES

Develop added-value specialized vessels able to run requested services for Ocean Energy and aquaculture, Patrol & Security, Coastal Monitoring & Rescue sectors in the most effective, efficient, economic valuable and eco-friendly way

MULTI-PLATFORM CATAMARAN

for ocean energy and aquaculture activities

EER VASSEL

an Emergency Response and recovery vessel (EERV) series for coastal rescue activities

PATROL BOAT

A module based high speed patrol boat platform, for patrol and security operators

METHODOLOGY

A lean fact based design model approach, which combines real operative data at sea with lean methodology, to support the development and implementation of the vessel concepts

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IT customized tools to enable the acquisition and usage of field data, coming from an IoT platform

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High Performance Computing Simulation

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