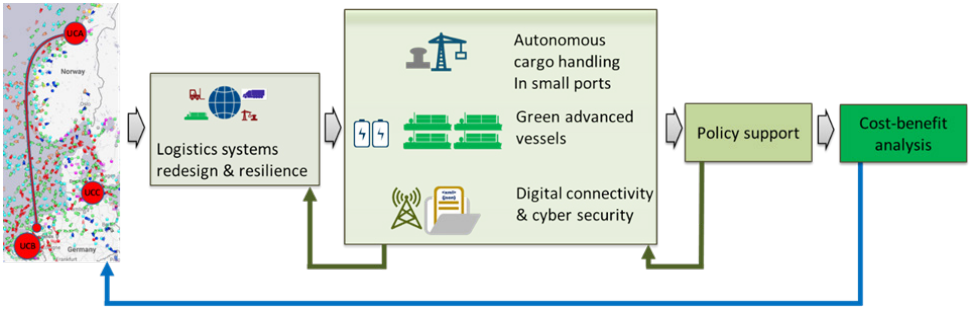
The new sustainable and highly competitive waterborne logistics system for Europe.

Advanced, Efficient and Green Intermodal Systems (AEGIS) will integrate new innovations from the area of Connected and Automated Transport (CAT) to design the next generation of sustainable and highly competitive waterborne transport system in Europe. This includes more diverse sizes of ships and more flexible ship systems, automated cargo handling, ports and short sea shuttles, standardized cargo units and new solutions for digital connectivity.

In addition, the project will investigate the effects of policy measures that may be necessary to overcome certain operational bottlenecks, e.g. in standardization of unit cargos, coordination of sea freight operations, more logical port localizations and establishment of new small urban and rural terminals. An economic cost-benefit analysis will be performed on all use-cases. It will also do a societal analysis, including environmental effects and impact on society due to the technological and organizational changes proposed in AEGIS. The overall scope is shown in the Figure below.



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AEGIS has selected three use-cases which make it possible to evaluate quantified benefits of the proposed new logistics systems being developed:

- UCA: Short sea terminals in Norway
- UCB: Short sea and inland interface in Belgium and the Netherlands,
- UCC: Revitalizing regional ports and city centre terminals; Aalborg and Vordingborg

CONSORTIUM

If you want to learn more about AEGIS, please visit our webpage or LinkedIn page:

http:// aegis.autonomous-ship.org LinkedIn: AEGIS-eu-project

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