

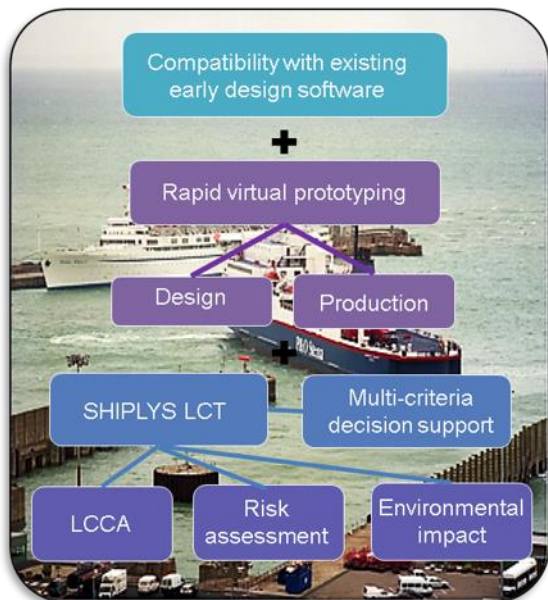
# SHIPLYS

SHIPLYS (Ship life cycle software solutions) is a three-year project starting in September 2016 and has a budget of about 6.2 million Euros.

The project is in response to needs of SME naval architects, shipbuilders and ship-owners, who in order to survive in the world market require to:

- improve their capability to reduce the time and costs of design and production
- develop the ability to reliably produce better ship concepts through virtual prototyping
- meet the increasing requirements for LCCA (Life Cycle Cost Analysis), environmental assessments, risk assessments and end-of-life considerations as differentiators.

The calculation and modelling to achieve the functionalities required are difficult and time consuming, especially for SMEs without a large overhead of trained staff and tools. This is due to challenges in integrating data between incompatible tools and formats for different design stages: conceptual hull design; the finite element calculations feeding preliminary and detailed designs; and virtual prototyping simulation models. This is coupled with the lack of an industry specific lifecycle modelling technique, hindered by the lack of information to support reliable decision-making. SHIPLYS aims to address these challenges for the benefit of various stakeholders involved.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 690770

# SHIPLYS Consortium

The SHIPLYS consortium comprises of 12 participants from 7 countries who bring together a mix of stakeholder organisations and corresponding expertise. The participants include shipyards, a classification society, research institutes and industrial organisations that develop and provide technologies used in structural design and production. The consortium consists of the following:



coordinator  
TWI Ltd



FUNDACION CENTRO TECNOLOGICO SOERMAR (Spain)



Atlantec



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There is an external industrial advisory group - the **SHIPLYS Stakeholders Advisory Committee (SAC)** - comprising experts from major stakeholders who are interested in the objectives and results of the project.

Link to download SHIPLYS newsletter

<http://www.shiplys.com/EasySiteWeb/GatewayLink.aspx?alId=3796597>