



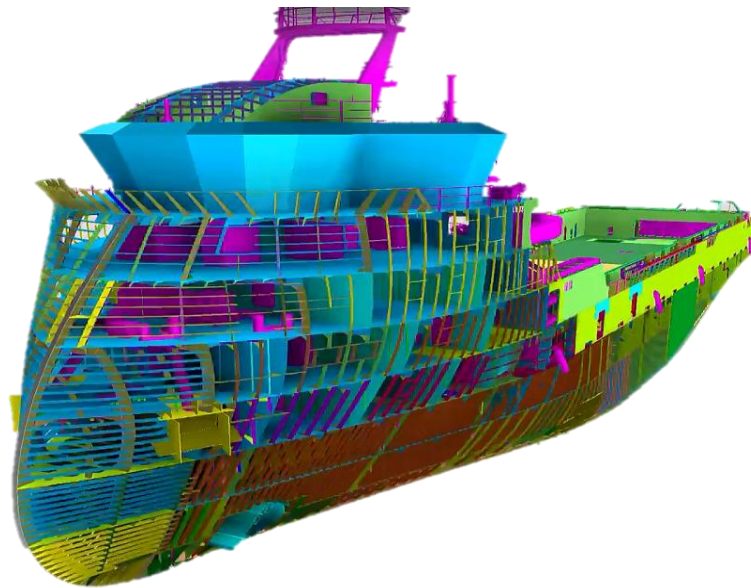
# 1<sup>st</sup> WORKSHOP

## FIBRESHIP OVERVIEW



1. THE CHALLENGE
2. THE IMPACT
3. GENERAL INFORMATION
4. MAIN OUTCOMES
5. LEGACY

## THE CHALLENGE



Alu alloy

Carbon

Monolithic

Carbon Sandwich  
Quartz, Glass

ALL



*Would we be able to solve the few technological gaps required to create in Europe a revolutionary niche of market aimed to build large length vessels in FRP materials?*

## THE IMPACT

A

Fuel Reduction (10-15%)

Lower Greenhouse gas  
emissions

Better Stability/Safety

Increase cargo capacity  
(12%)

Underwater Noise Reduction

30%



Reduced maintenance &  
life cycle costs (30%)

Immune to corrosion

Continuous Health  
Monitoring (safety)

Aesthetic improvements

Recycling rate (75%)

B

Seagoing



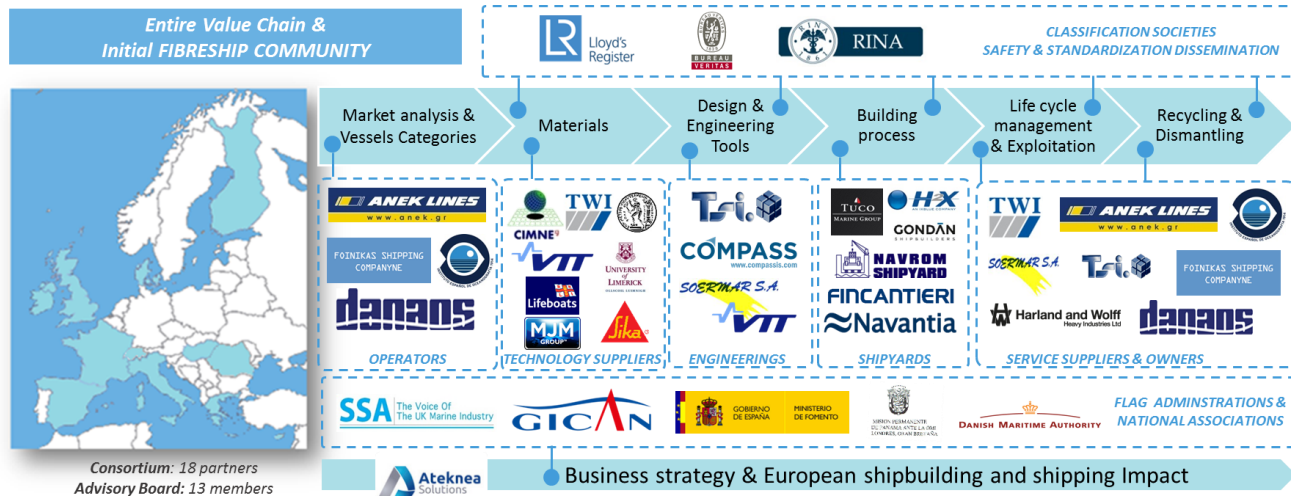
Inland



## GENREAL INFORMATION



# GENERAL INFORMATION



Part. No.	Participant Organisation Name	Short name	Country
1	Técnicas y Servicios de Ingeniería	TSI	ES
2	Compass Ingeniería y Sistemas	COMPASSIS	ES
3	Centre International de Méthodes Numériques en Ingénieria	CIMNE	ES
4	Lloyd's Register EMEA	LLOYDS	UK
5	Bureau Veritas	BV	FR
6	RINA Services	RINA	IT
7	Danaos Corporation	DANAOS	CY
8	Anonymous Shipping Company of Crete	ANEK	GR
9	FOINIKAS Shipping Company	FOINIKAS	GR
10	Instituto Español de Oceanografía	IEO	ES
11	Tuco Marine Group	TUCO	DK
12	Navrom Shipyard	NAVREP	RO
13	Fundación Centro Tecnológico SOERMAR	SOERMAR	ES
14	TWI Ltd	TWI	UK
15	Teknologian tutkimuskeskus VTT Oy	VTT	FI
16	H2X	H2X	FR
17	Ateknea Solutions	ATEKNEA	HU
18	University of Limerick (Irish Centre for Composites Research)	ULIM	IE

Number: 723360

Duration: 36 months

Start Date: 1<sup>st</sup> of June 2017

End Date: 31<sup>st</sup> May 2020

Estimated Project Cost: €11,041,212.50

Requested EU Contribution: €8,866,322.75

TRL: 7-9

## CATEGORY I Light Commercial Vessels



Representative  
Container Vessel

- RoRo vessel
- Car Carrier
- Multi-purpose
- Freezer Vessel
- LNG
- Wood Transportation
- .....



## CATEGORY II Passengers transportation & Leisure



Representative  
ROPAX

- Ferries
- Passenger vessel
- Megayacht
- .....

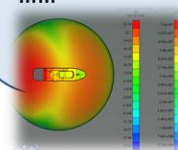


## CATEGORY III Special Services



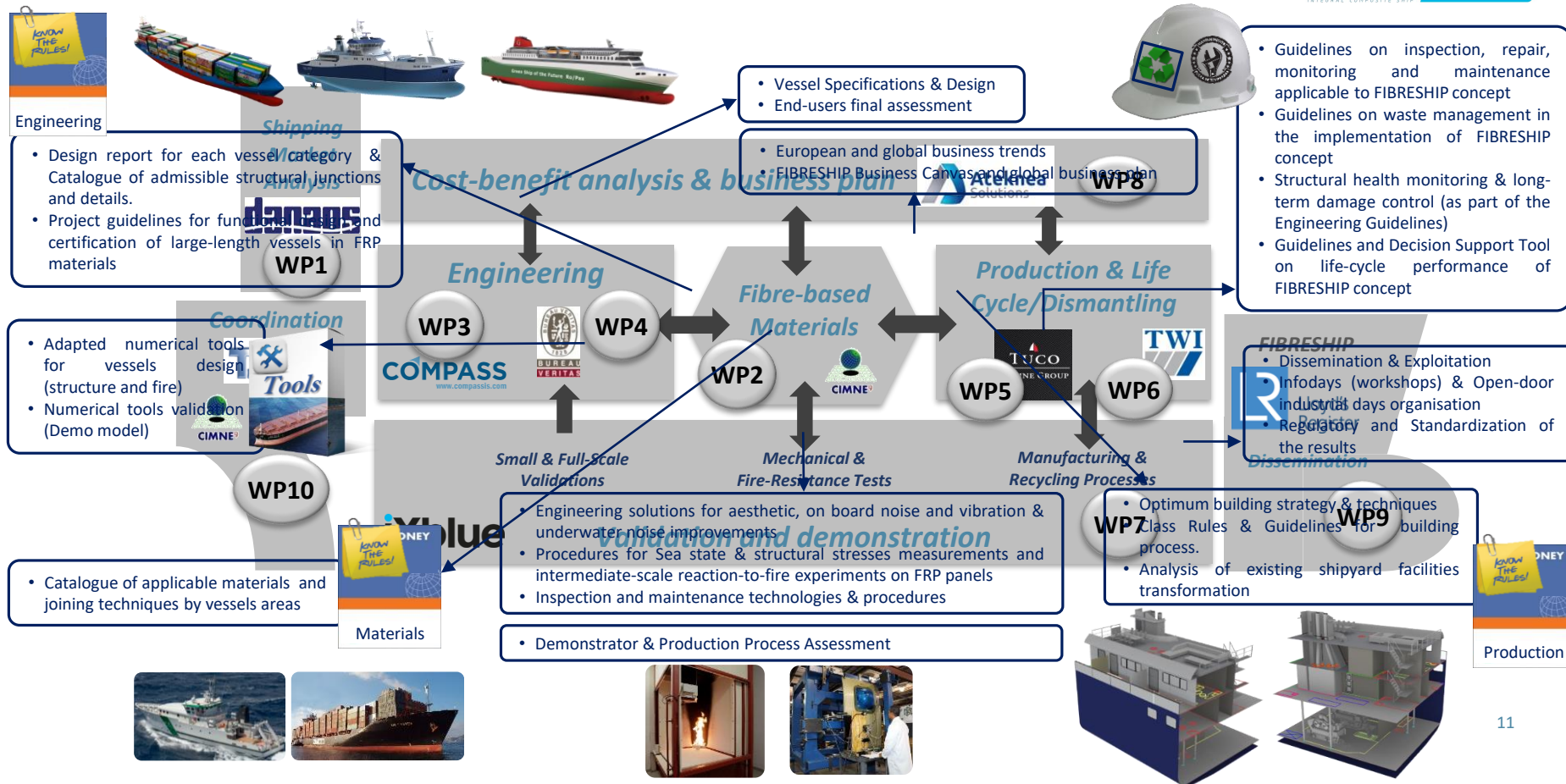
Representative  
Fishing Research Vessel

- Fishing vessel
- Seismic Vessel
- Supply vessel
- Rescue vessel
- .....



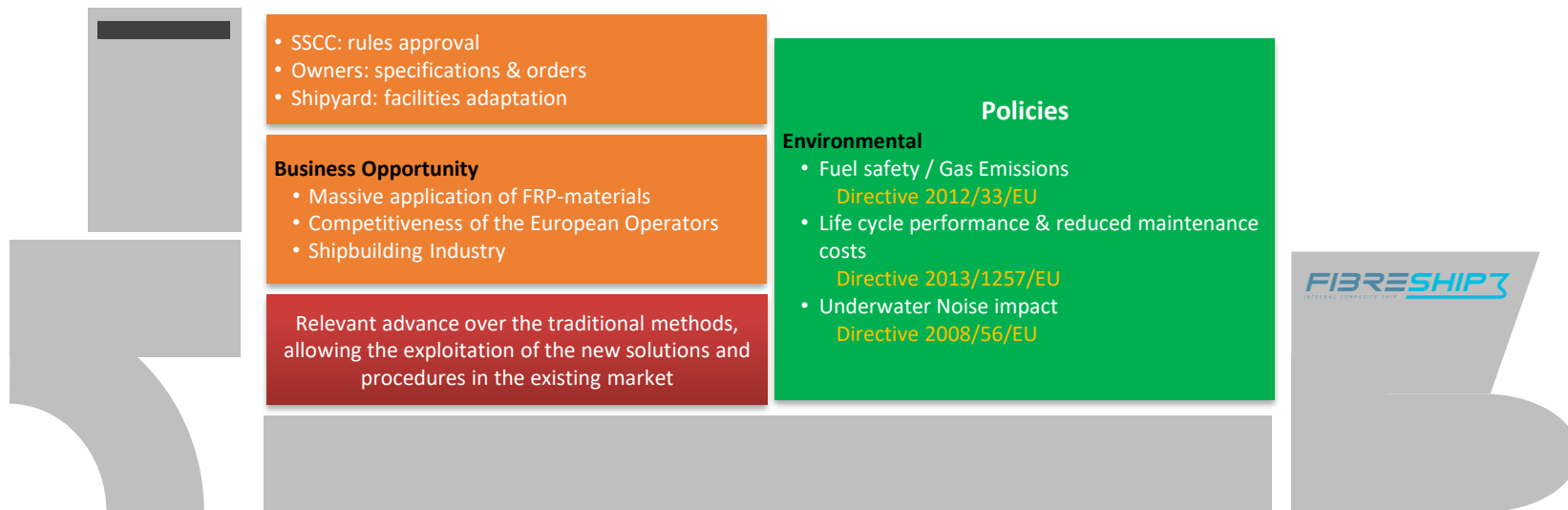
## MAIN OUTCOMES

# MAIN OUTCOMES



**LEGACY**

- **Short Term (0 Years)**
- **Medium Term (1/3 Years)**
- **Medium/Long Term (3/5 Years)**



THANK YOU



*[www.fibreship.eu](http://www.fibreship.eu)*

