



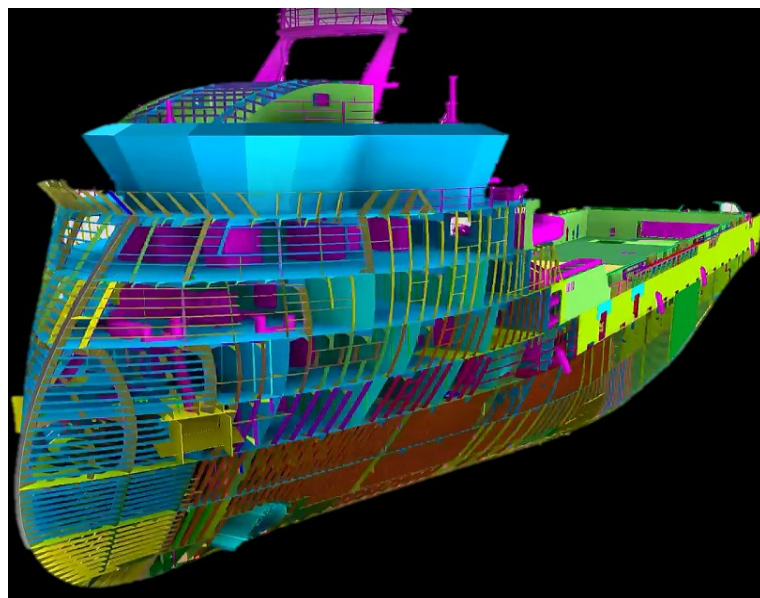
FIBRESHIP @ E-LASS Seminar Day

Overview and thematic approach



- 1. THE CHALLENGE
- 2. THE IMPACT
- 3. GENERAL INFORMATION
- 4. MAIN OUTCOMES
- 5. LEGACY
- 6. THEMATIC APPROACH

THE CHALLENGE



Alu alloy Carbon Monolithic Carbon Sandwich
Quartz, Glass



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

Increased 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

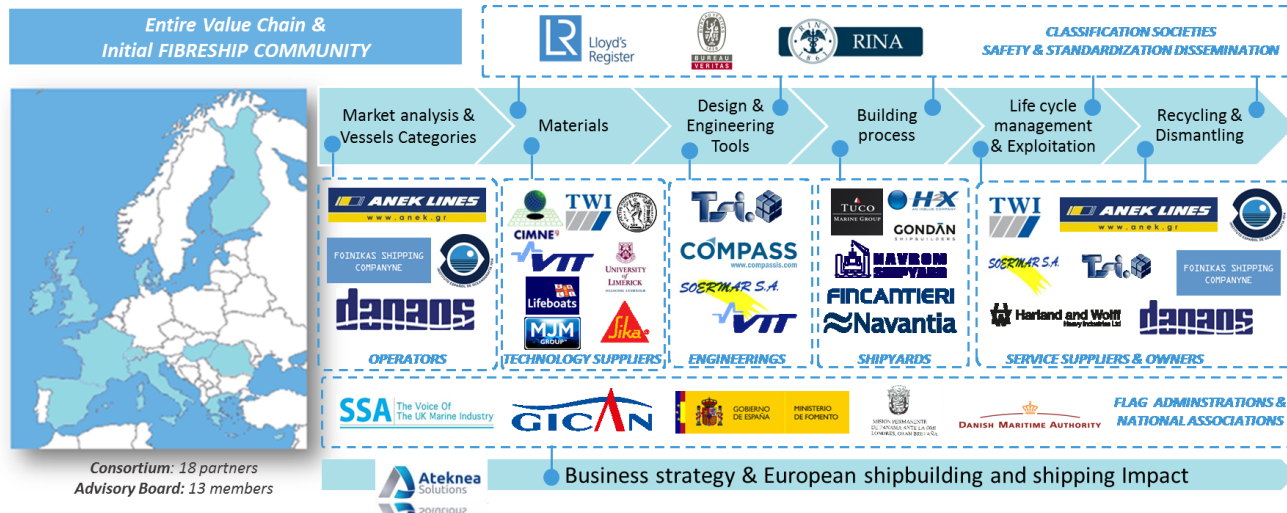


Inland



GENERAL INFORMATION

GENERAL INFORMATION



Part. No.			
1	Técnicas y		
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: 1st of June 2017

End Date: 31st May 2020

Total 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
-

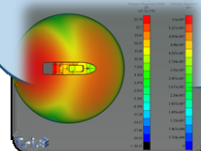


CATEGORY III Special Services



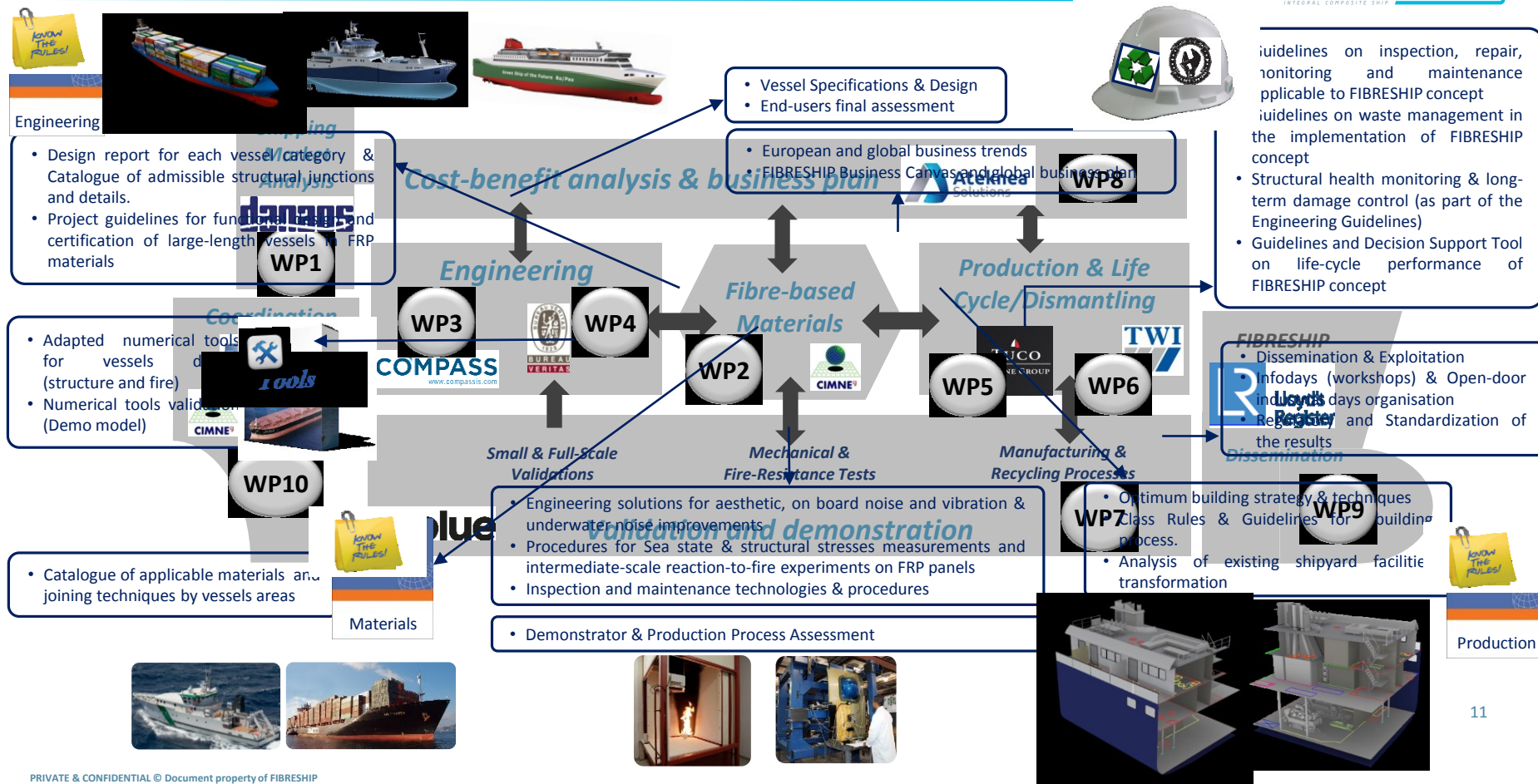
Representative
Fishing Research Vessel

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



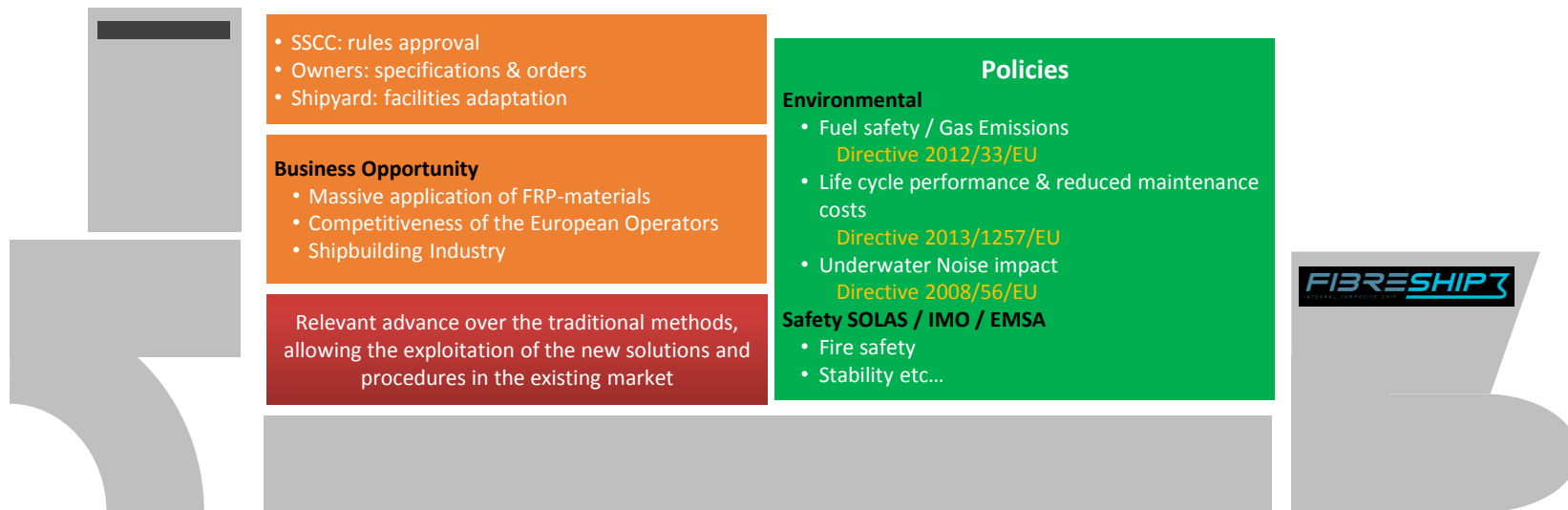
MAIN OUTCOMES

GENERAL INFORMATION

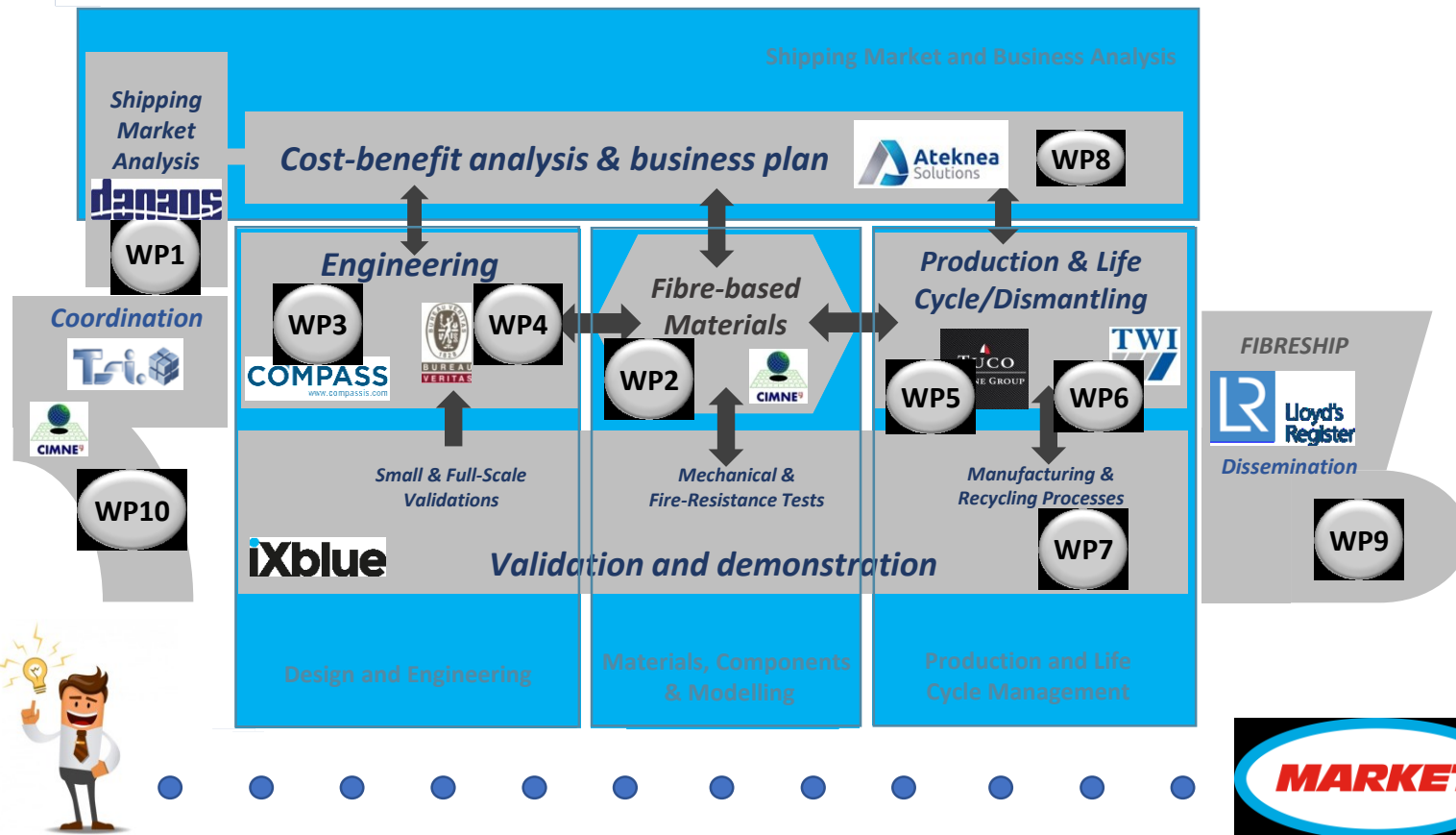


LEGACY

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



THEMATIC APPROACH



Project Video

<https://www.youtube.com/watch?v=7Z96-kxX5zU>

www.fibreship.eu



THANK YOU



www.fibreship.eu

