

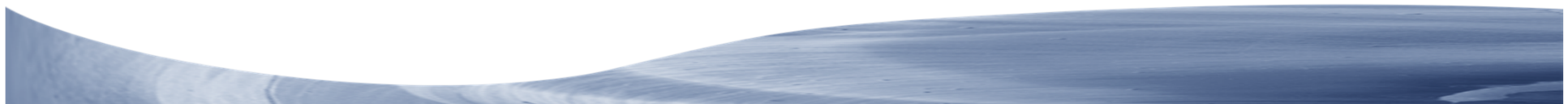


## Encuentros con la Mar "El I+D+i En el Sector marítimo"

# MARITIME AND MARINE TECHNOLOGIES FOR A NEW ERA



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Madrid, 27 febrero 2017  
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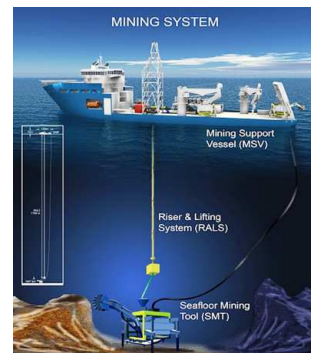


# Objetivo

El objetivo general de la ERA-NET Cofund MarTERA es **reforzar el Espacio Europeo de Investigación (ERA) en determinadas tecnologías marítimas y marinas**, apoyando la estrategia “Blue Growth” de la UE.

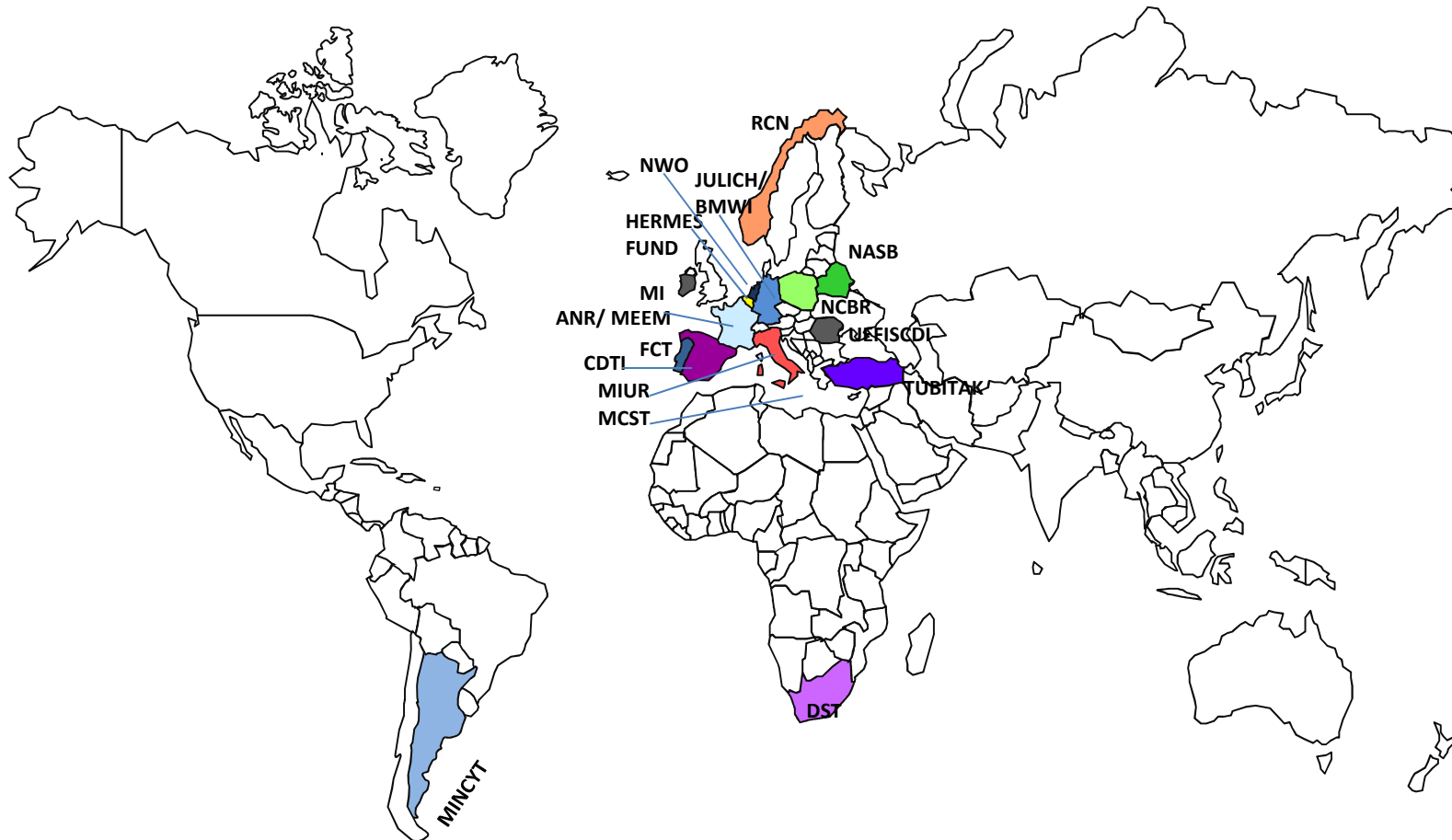
La ERA-NET Cofund MarTERA se estructura en una red de 18 agencias de financiación de proyectos de investigación e innovación pertenecientes a 16 países distintos.

El objetivo principal de MarTERA es el lanzamiento de convocatorias transnacionales de Proyectos de I+D en áreas donde se considere que la cooperación tecnológica es clave para la consecución de objetivos complejos y donde se requiera una masa crítica para conseguir dichos objetivos.



# MarTERA. Consorcio

*Consorcio: 18 agencias, 16 países*



## Presupuesto total de la convocatoria → 30 M€ (Incluida co-financiación de la CE)

Country	Participating organisation name	Participant short name	Committed Budget in EURO
Argentina	Ministerio de Ciencia, Tecnología e Innovación Productiva	MINCYT	500.000
Belarus	National Academy of Sciences of Belarus	NASB	1.000.000
Belgium	Fund for Accompanying Economic and Innovation Policy	VLAIO	2.000.000
France	Agence Nationale de la Recherche	ANR	1.000.000
France	Ministère de L'Environnement, de l'Energie et de la Mer	MEEM	500.000
Germany	Bundesministerium für Wirtschaft und Energie	BMWi	6.000.000
Ireland	Marine Institute	MI	1.000.000
Italy	Ministero dell'Istruzione, dell'Università e della Ricerca	MIUR	600.000
Malta	Ministry for Education and Employment	MCST	50.000
Netherlands	Netherlands Organisation for Scientific Research	NWO	1.000.000
Norway	The Research Council of Norway	RCN	4.000.000
Poland	Narodowe Centrum Badan i Rozwoju	NCBR	500.000
Portugal	Fundação para a Ciência e a Tecnologia	FCT	300.000
Romania	Unitatea Executiva pentru Finantarea Invatamantului Superior, a Cercetarii, Dezvoltarii si Inovarii	UEFISCDI	500.000
Spain	Centro para el Desarrollo Tecnológico Industrial	CDTI	800.000
South Africa	Department of Science and Technology	DST	500.000
Turkey	The Scientific and Technological Research Council of Turkey	TÜBITAK	2.000.000

# Áreas Prioritarias (I)

- Priority Area 1: Environmentally friendly maritime technologies
  - Emissions reduction
  - Energy Efficiency
  - Noise and vibration reduction
  - Innovative propulsions systems
  - Technologies for sensitive regions
  - Life Cycle management
- Priority Area 2: Development of novel materials and structures
  - Novel materials
  - Biofouling and corrosion prevention
  - Structures
- Priority Area 3: Sensors, automation, monitoring and observations
  - Sensor developments
  - Monitoring
  - Improved models for marine vehicles and structures behavior
  - Deep sea mining

## Áreas Prioritarias (II)

- Priority Area 4: Advanced manufacturing and production
  - Top quality, globally competitive and environmentally friendly products
  - Optimisation of production: improved and novel production technologies for flexible manufacturing, with focus on organization and networking along the value chain
  - Automation of production
  - New concepts of the recycling-oriented construction, to final disposal vessels/platforms
  - Intelligent/innovative interacting components
  - Human computer interaction and Augmented Reality
- Priority Area 5: Safety and security
  - Individual safety concepts harmonized with navigational requirements
  - Intelligent predictive maintenance systems
  - ICT tools for monitoring and optimization of maritime operations (e.g. routing following best weather conditions)
  - Hinterland connection to inland waterways
  - Early warning and accident management systems
  - Evacuation and rescue concepts
  - Decision support systems
  - Improve operations such as dynamic positioning systems, docking and mooring systems, automation of processes, optimized routing, handling of goods, subsea intervention

# Priority Area Matrix

Priority Area (PA)	Country & Agencies							
	AR	BY	BE	DE	ES	FR		IE
	MINCYT 1,4,5	NASB 4,5	VLAIO 1,2,3	BMWf 1,2,3,4, 5,6	CDTI 1,2,3	ANR 1,2,3,4,5	MEEM 1,2,3,4,5	MI 1,2,3,4,5,6
<b>1. Environmental friendly maritime technologies</b>								
• Emissions reduction	-	FID	ID	ID	ID	-	ID	-
• Energy efficiency	-	FID	ID	ID	ID	-	ID	-
• Noise and vibration reduction	-	FID	ID	ID	ID	-	ID	-
• Innovative propulsion systems	-	FID	ID	ID	ID	-	ID	-
• Technologies for sensitive regions	-	-	-	ID	ID	-	ID	-
• Life Cycle management	-	-	-	ID	-	-	ID	-
<b>2. Novel materials development and structures</b>								
• Novel materials	-	FID	ID	ID	ID	-	-	FID
• Biofouling and corrosion prevention	FD	FID	ID	ID	ID	-	-	FID
• Structures	FD	-	ID	ID	ID	-	ID	FID
<b>3. Sensors, automation, monitoring and observations</b>								
• Sensor developments	FD	FID	ID	ID	ID	FI	-	FID
• Monitoring	FD	FID	ID	ID	ID	FI	-	FID
• Improved models for marine vehicles and structures behaviour	FD	-	ID	ID	ID	FI	-	FID
• Deep Sea Mining	FD	-	ID	ID	ID	-	-	-
<b>4. Advanced Manufacturing/Production</b>								
• Top quality, globally competitive and environmentally friendly products	-	-	ID	ID	ID	-	-	-
• Optimisation of production: improved and novel production technologies for flexible manufacturing, with focus on organization and networking along the value chain	-	-	-	ID	ID	-	-	-
• Automation of production	-	-	-	ID	ID	-	-	-
• New concepts of the recycling-oriented construction, to final disposal vessels/platforms	-	-	-	ID	ID	-	-	-
• Intelligent/innovative interacting components	-	-	ID	ID	ID	-	-	-
• Human computer interaction and Augmented Reality	-	-	ID	ID	ID	-	-	FID
<b>5. Safety and Security</b>								
• Individual safety concepts harmonized with navigational requirements	-	FID	-	ID	ID	-	ID	-
• Intelligent predictive maintenance systems	FD	-	ID	ID	ID	-	ID	FID
• ICT tools for monitoring and optimization of maritime operations (e.g. routing following best weather conditions)	FD	FID	-	ID	ID	-	ID	FID
• Hinterland connection to inland waterways	-	-	ID	ID	ID	-	ID	-
• Early warning and accident management systems	-	-	-	ID	ID	-	ID	-
• Evacuation and rescue concepts	-	-	-	ID	ID	-	ID	-
• Decision support systems	-	FID	ID	ID	ID	-	ID	FID
• Improve operations such as dynamic positioning systems, docking and mooring systems, automation of processes, optimized routing, handling of goods, subsea intervention	-	-	-	ID	ID	-	ID	FID
<b>Budget (mil euro)</b>	<b>0.5</b>	<b>1.0</b>	<b>2.0</b>	<b>6.0</b>	<b>0.8</b>	<b>1.0</b>	<b>0.5</b>	<b>1.0</b>

**Clarifications:**

The numbers below a funding agency indicate the types of organisations that are eligible for funding via the funding agency:

- |                        |                 |                            |
|------------------------|-----------------|----------------------------|
| 1. Start-ups           | 2. SME          | 3. Large scale enterprises |
| 4. Research institutes | 5. Universities | 6. Other                   |

The initials "FID" are used to indicate the general subjects of an agency's programme:

- |                         |                        |                           |
|-------------------------|------------------------|---------------------------|
| F: Fundamental research | I: Industrial research | D: Demonstration projects |
|-------------------------|------------------------|---------------------------|

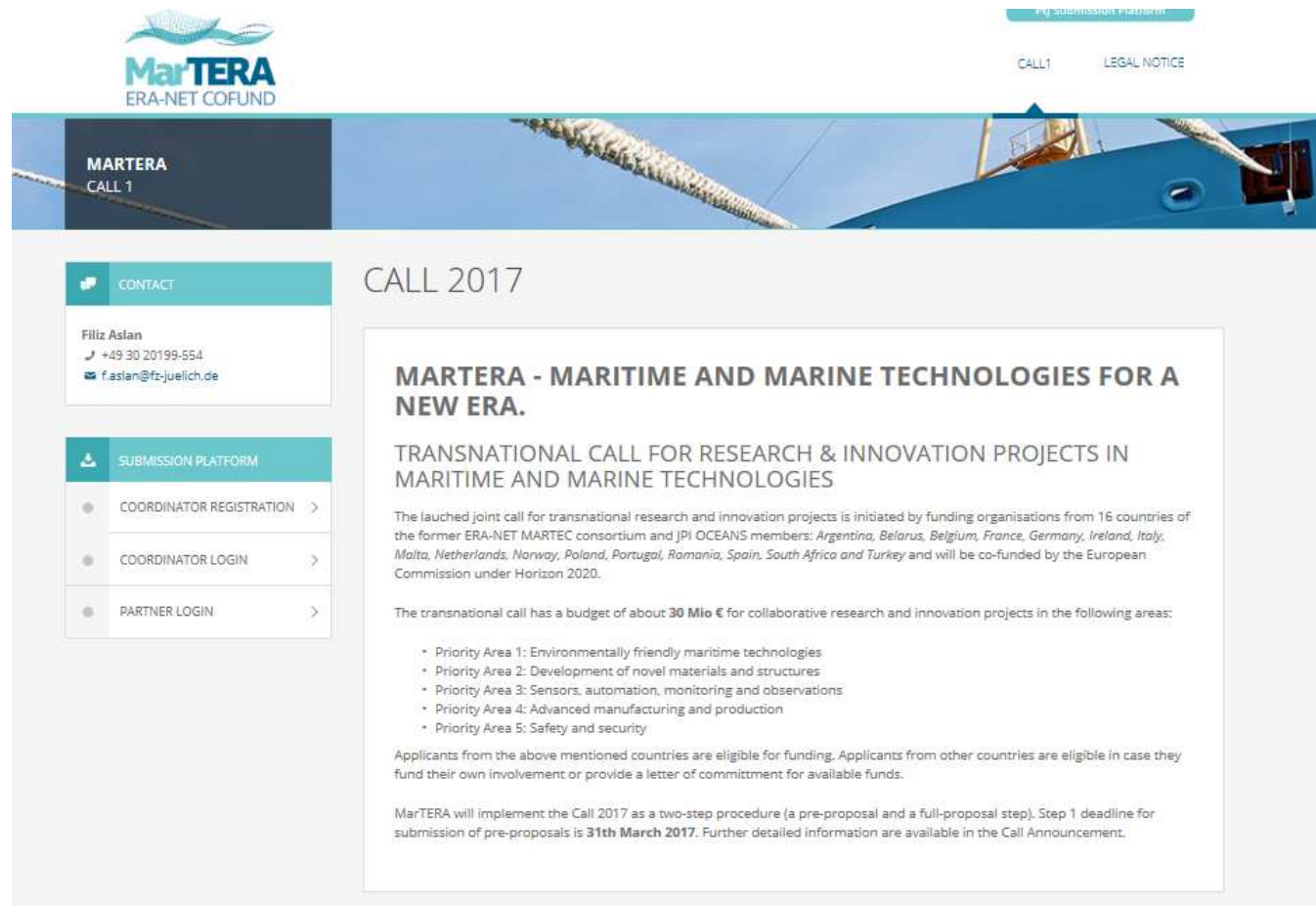
# Criterios de elegibilidad.

- Encaje temático tanto en lo referente al scope de la call como en temáticas admitidas por cada agencia →→ Ver **Priority Areas matrix**.
- Propuesta novedosa, **no financiada en otro programa**.
- Consorcio de, al menos, dos entidades independientes y elegibles de, al menos, dos EEMM o asociados diferentes que participen en la convocatoria. Consorcios que incluyan entidades elegibles de Argentina, Bielorusia y Sudáfrica deberán respetar los mínimos de entidades de EEMM o asociados. No todas las agencias financian todos los topics ni todo tipo de entidades →→ Ver **Priority Areas matrix**.
- **Cumpléndose los mínimos exigidos en cuanto a composición consorcio**,
  - no hay límite superior de socios
  - un alto número elevado de socios **NO** implica que la propuesta sea mejor valorada.
  - Socios no elegibles pueden participar siempre que aseguren la financiación de sus actividades pero nunca podrán coordinar la propuesta
- **El presupuesto de cada socio deberá respetar los límites** (tanto superiores como inferiores) que se señalen en los anexos nacionales de cada agencia.
- El **importe de subvención** solicitado a una determinada agencia, **en cada propuesta individual, no puede ser superior al presupuesto que esa agencia tenga disponible en la convocatoria. En el caso particular de CDTI, en cada propuesta, el máximo de subvención solicitada, deberá ser de 800.000€**
- Duración máxima de los proyectos **3 años**.
- Las propuestas deberán presentarse a través del Martera Submission Tool, según el procedimiento establecido y deberán estar **redactadas en inglés**.
- La inelegibilidad de un socio puede hacer que la propuesta completa sea rechazada. → **Importante revisar los Anexos Nacionales y contactar con el NCP de cada agencia.**



# Submission Platform

<https://www.martera.eu/submission/call1>



The screenshot shows the MarTERA submission platform interface. At the top, there is a navigation bar with the MarTERA logo and links for 'CALL1' and 'LEGAL NOTICE'. Below the navigation bar is a header section with the text 'MARTERA CALL 1'. The main content area is titled 'CALL 2017' and features a sidebar on the left with a 'CONTACT' section (listing Filiz Aslan with phone and email) and a 'SUBMISSION PLATFORM' section with links for 'COORDINATOR REGISTRATION', 'COORDINATOR LOGIN', and 'PARTNER LOGIN'. The main content area contains the following text:

**MARTERA - MARITIME AND MARINE TECHNOLOGIES FOR A NEW ERA.**

**TRANSNATIONAL CALL FOR RESEARCH & INNOVATION PROJECTS IN MARITIME AND MARINE TECHNOLOGIES**

The launched joint call for transnational research and innovation projects is initiated by funding organisations from 16 countries of the former ERA-NET MARTEC consortium and JPI OCEANS members: *Argentina, Belarus, Belgium, France, Germany, Ireland, Italy, Malta, Netherlands, Norway, Poland, Portugal, Romania, Spain, South Africa and Turkey* and will be co-funded by the European Commission under Horizon 2020.

The transnational call has a budget of about **30 Mio €** for collaborative research and innovation projects in the following areas:

- Priority Area 1: Environmentally friendly maritime technologies
- Priority Area 2: Development of novel materials and structures
- Priority Area 3: Sensors, automation, monitoring and observations
- Priority Area 4: Advanced manufacturing and production
- Priority Area 5: Safety and security

Applicants from the above mentioned countries are eligible for funding. Applicants from other countries are eligible in case they fund their own involvement or provide a letter of commitment for available funds.

MarTERA will implement the Call 2017 as a two-step procedure (a pre-proposal and a full-proposal step). Step 1 deadline for submission of pre-proposals is **31th March 2017**. Further detailed information are available in the Call Announcement.

# MarTERA. Fechas y documentos clave

**1 diciembre 2016**  
Apertura  
convocatoria

31 marzo 2017  
Cierre pre-  
propuestas

31 mayo 2017  
Resultados  
elegibilidad

8 septiembre 2017  
Cierre propuestas  
completas

30 noviembre 2017  
Resultados evaluación

**Finales 2017 /  
Principio 2018**  
Solicitud  
financiación CDTI

- *MarTERA Call Announcement.*
- *MarTERA Priority Areas Matrix*
- *Anexos Nacionales (National guidelines)*
- *MarTERA Guidelines for Pre-proposal Submission*

Call Announcement  
Maritime and Marine Technologies for a new  
Era  
16.01.2017

- *Solicitud Internacional. Pre-propuestas*
- *Información Nacional. Tipología ERA*

- *Solicitud Internacional. Full Proposals*
- *Información Nacional. Tipología ERA (Actualización)*

- *Convocatoria CDTI. BOE*



<https://www.martera.eu>



**MAS INFORMACIÓN...**

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