

EU Co-funded M-ERA.NET Joint Call 2021 Launch

Webminario solicitantes españoles

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M-ERA.NET 3

ERA-NET for research and innovation on materials and battery technologies, supporting the European Green Deal.

Fixed EC Keywords: Materials & Processes

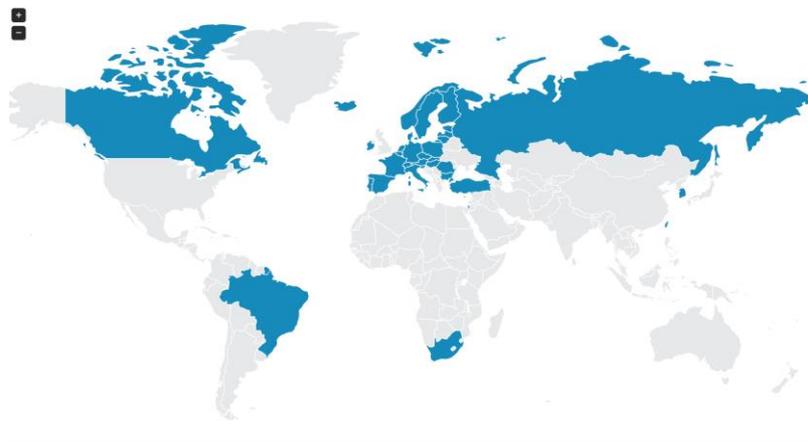
Free keywords: advanced materials, batteries, battery technologies, SDG, circular economy, international cooperation, RRI, funding synergies, Green Deal

M-ERA.NET - in 2012 under FP7 with 37 partners from 25 European countries.

M-ERA.NET 2 from 2016 to 2022 with 43 partners from 29 countries

M-ERA.NET 3 from 2021 to 2026 with 50 public funding organisations from 36 countries.

National and regional funding programmes from 25 EU member states and 5 associated countries and includes 6 non-European organisations.



Participant number	Country – short name	Participant – short name
1	AT	FFG
2	BE	FWO
3	BE	HERMESFUND
4	BE	FNRS
5	BE	SPW
6	BG	BNSF
7	BR	FAPESP
8	CA	PRIMA
9	CY	RIF
10	CZ	TACR
11	DE	BMBF
12	DE	JÜLICH
13	DE	SMWK
14	DK	IFD
15	EE	ETAG
16	ES	AEI
17	ES	CDTI
18	ES	IDEA
19	ES	IDEPA
20	ES	EJ-GV
21	ES	Imnobasque
22	FI	AKA
23	FI	BF
24	FR	ANR
25	FR	RNAQ
26	GR	GSRT
27	HU	NKFIH
28	IE	SFI
29	IL	IIA
30	IS	RANNIS
31	IT	CaR
32	KR	KIAT
33	LT	LMT
34	LU	FNR
35	LV	VIAA
36	NO	RCNR
37	PL	NCBR
38	PL	NCN
39	PT	FCT
40	RO	UEFISCDI
41	RU	FASIE
42	SE	VINNOVA
43	SI	MIZS
44	SK	SAS
45	TR	TÜBİTAK
46	TW	MOST-TW
47	ZA	DSI
48	HR	MZO
49	IL	MOST
50	CH	DETEC

<https://m-era.net/>

Portfolio de 265 proyectos de los que un 25% tiene participación española.

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Motivation

Materials are completely transverse in modern societies.

New materials are crucial for finding solutions (light weighting, durability, reduced energy and materials, substituting, maintain/repair/upgrade/remanufacture/recycle): eco-design.

Integrating renewable energy and its storage. High-performance, reliable, safe and low-cost **batteries is a key.**

- ✓ *Alignment of activities and policies and to achieve synergies between international, national and regional programmes that support cooperation in Science, Technology and Innovation.*

Vision

M-ERA.NET 3 is a strong European network of public funding organisations supporting and increasing coordination and convergence of national and regional funding programmes on R&I related to materials and battery technologies to support the European Green Deal

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Mission: Continuity and novelty

Attract and improve funding agencies participation

Strengthen the European RTD community and economy in materials and batteries R&I:

stakeholders to identify gaps and needs and complementing future initiatives under HE, foster the exploitation of outcomes along the innovation chain, enhance scientific research and upgrade the technological capabilities of industrial sectors to target the circular economy and Sustainable Development Goals

addressing societal and technological challenges in an interdisciplinary approach (RRI-Guidelines for Materials Research)

Mobilise a critical mass transnational RTD Calls.

Policy for joint programming: *Integration of national and regional needs with European priorities and global challenges in Calls and additional activities*

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General considerations

- ✓ In general, **special focus on materials science, processing, and engineering** that allows the EC **to meet its sustainable development goals** is strongly recommended. **Sustainability** aspects of the targeted solutions and/or materials must be addressed in the proposal. Proposals should avoid as far as possible the use of hazardous compounds and demonstrate that the materials and processes involved in the research will be safe and will have a **minimum impact on the environment**.
- ✓ Unless expressly justified, proposals should comply with the **open data science** directive from the EC. It is expected that proposals include intellectual property rights management and proper **knowledge transfer and exploitation strategy**. It is expected that part of the deliverables of the project include open source codes, data management and curation methodology, and/or **demonstrative examples of the technologies proposed**.
- ✓ Issues of **societal concerns should be addressed in a systematic way**, if possible with an added value by interacting with Social Sciences and Humanities research or citizens.
- ✓ **Gender balance** measures should also be considered.

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Consortios y elegibilidad

- Asegurar que el socio coordinador no tiene problemas de elegibilidad
 - ✓ Normativa regional/nacional de las agencias correspondientes
- Evaluar el riesgo de que alguno de los socios no reciba financiación
 - ✓ Posibilidades de asumir otras tareas (capacidad científico-técnica y recursos)
 - ✓ Posibilidades de participar sin recibir subvenciones
 - ✓ Centrarse en los requisitos mínimos necesarios
 - ✓ Capacidades de otros actores en el entorno

Impacto

- Contexto
- Coordinación de proyectos
- Participación científica, tecnológica e industrial española
- Gestión del IPRs, transferencia tecnológica y explotación de resultados

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Gracias

