M-ERA.NET 3:
Joint Calls: procedures, statistics and monitoring

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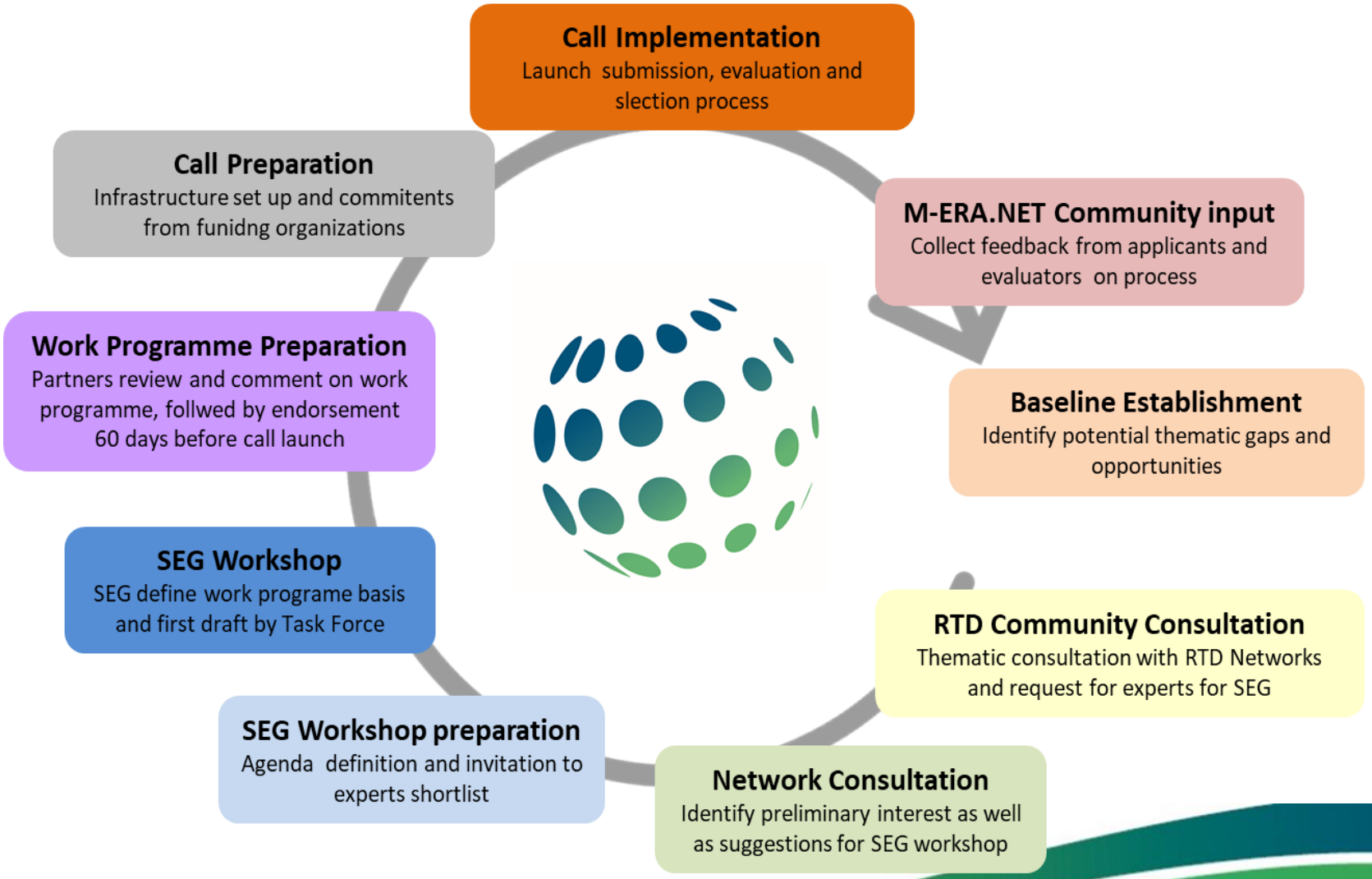
Joint Calls: annual cycle



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Joint Calls 2016-2021: topics

Call 2016	Call 2017	Call 2018	Call 2019	Call 2020	Call 2021
Integrated computational materials engineering	Integrated computational materials engineering	Multiscale modeling for materials engineering and processing	Modeling for materials engineering and processing	Modeling for materials engineering and processing	Modeling for materials engineering and processing
Innovativ surfaces, coatings and interfaces	Innovativ surfaces, coatings and interfaces	Innovativ surfaces, coatings and interfaces	Innovativ surfaces, coatings and interfaces	Innovativ surfaces, coatings and interfaces	Innovativ surfaces, coatings and interfaces
High performance synthetic and biobased composites	High performance composites	High performance composites	High performance composites	High performance composites	High performance composites
Interfaces between materials and biological hosts for health applications	New strategies for advanced material-based technologies for health applications	New strategies for advanced material-based technologies for health applications	New strategies for advanced material-based technologies for health applications	New strategies for advanced material-based technologies for health applications	New strategies for advanced material-based technologies for health applications
Functional materials	Multifunctional materials	Functional materials	Functional materials	Functional materials	Functional Materials
Materials for additive manufacturing	Materials for additive manufacturing	Materials for additive manufacturing	Materials for additive manufacturing	Materials for additive manufacturing	Materials for additive manufacturing

Joint Call 2022: topics

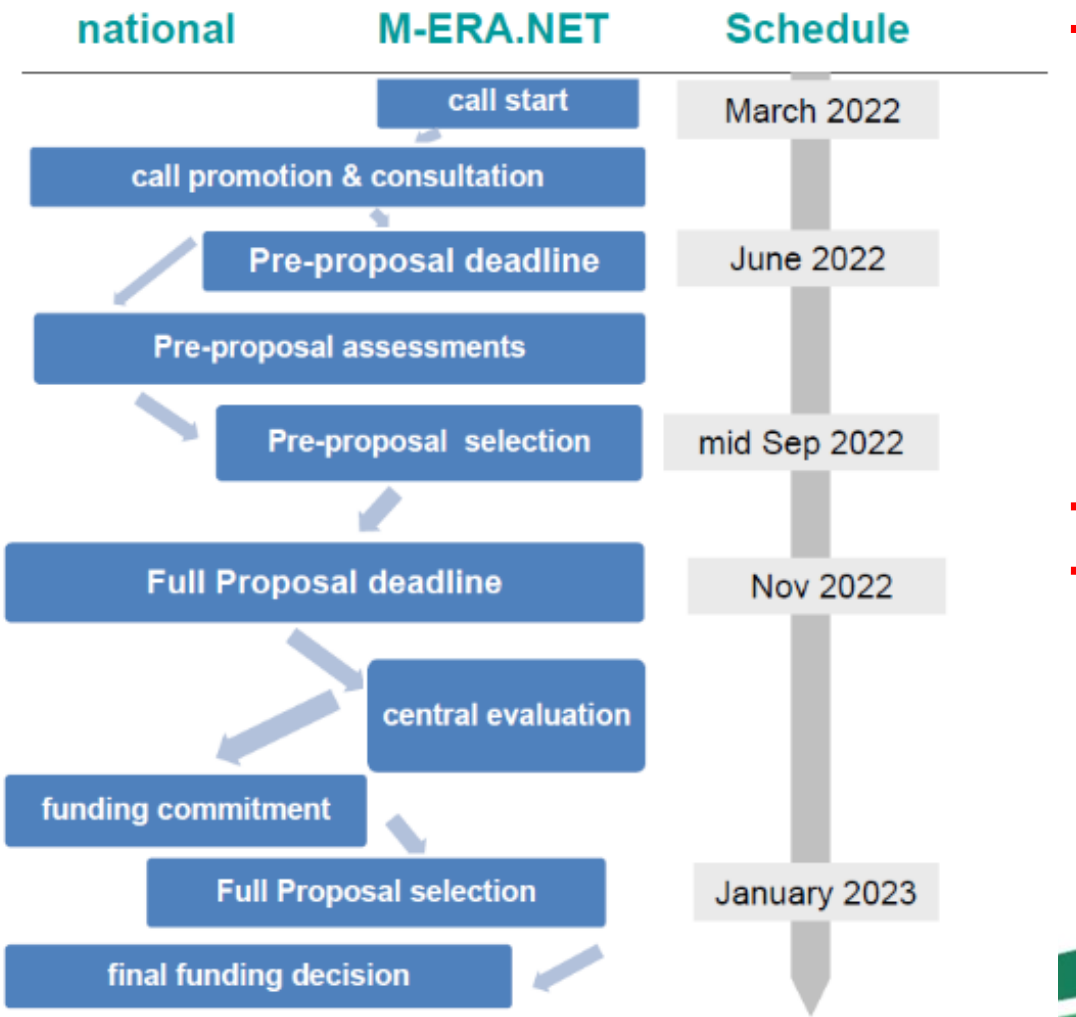
2 new topics *have been introduced compared to previous call (2021)*

1. Materials for energy - NEW
2. Innovative surfaces, coatings and interfaces
3. High performance composites
4. Functional materials
5. New strategies for advanced material-based technologies in health applications
6. Materials for electronics – NEW

Thematic Priorities – TRLs
example Call 2022

Topic	TRL 1	TRL 2	TRL 3	TRL 4	TRL 5	TRL 6	TRL 7	TRL 8	TRL 9
Topic 1: Materials for energy									
Topic 2: Innovative surfaces, coatings and interfaces									
Topic 3: High performance composites									
Topic 4: Functional materials									
Topic 5: New strategies for advanced material-based technologies in health applications									
Topic 6: Materials for electronics									

Joint Call workflow: example Call 2022



Step 1
Pre-Proposal

Step 2
Full-Proposal

Annual Joint Calls: main features

- Joint Calls: **annual work progra**mmes defined following policy for joint programming
- **variable geometry**: individual decision by funding organisation to participate in a joint call (also as observers)
- applicants in a transnational consortium are funded with public funds from the respective funding programme of their country/region
- M-ERA.NET eligibility criteria + additional national/regional funding rules
- **2 step** submission and evaluation procedure
- common funding recommendations by M-ERA.NET; final funding decisions are taken at the national/regional level
- M-ERA.NET calls are complementary to calls launched under pure national schemes as well as European schemes (thematic scope, geographical coverage, target groups)

Joint Call web page: www.m-era.net/joint-call-2022

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HOME | ABOUT M-ERA.NET | JOINT CALLS | SUCCESS STORIES | OTHER JOINT ACTIVITIES | NEWS | EVENTS | LINKS & DOWNLOADS | INTRANET

- ***Joint Call 2022***
  - Participating countries/regions Call 2022
  - Register as an Evaluator for M-ERA.NET
- **Joint Call 2021**
- **Joint Call 2020**
- **Joint Call 2019**
- **Joint Call 2018**
- **Joint Call 2017**
- **Joint Call 2016**
- **Joint Call 2015**
- **Joint Call 2014**
- **Joint Call 2013**
- **Joint Call 2012**

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JOINT CALL 2022

ANNOUNCEMENT OF THE M-ERA.NET CALL 2022

The M-ERA.NET Call 2022 was launched on 15 March 2022. More than 30 funding agencies participate with a total budget of approximately 25 million €.

Call Schedule:

- **The Pre-Proposal Deadline is 15 June 2022, 12:00 noon, Brussels time.**
- The Full-Proposal Deadline is 17 November 2022, 12:00 noon, Brussels time

The aim is to fund ambitious transnational RTD projects addressing materials research and innovation including materials for energy generating and storing elements. M-ERA.NET aims to strengthen the contribution of materials R&D to energy-related applications where applicable.

The Call 2022 includes the following thematic areas:

- Materials for energy
- Innovative surfaces, coatings and interfaces
- High performance composites
- Functional materials
- New strategies for advanced material-based technologies for health applications
- Materials for electronics

List of participating countries and regions Call 2022

PROPOSAL SUBMISSION

Link to the submission Tool (coming soon)

Tutorials on how to register for and to handling of the submission tool are provided on the submission platform.

CALL DOCUMENTS FOR DOWNLOAD

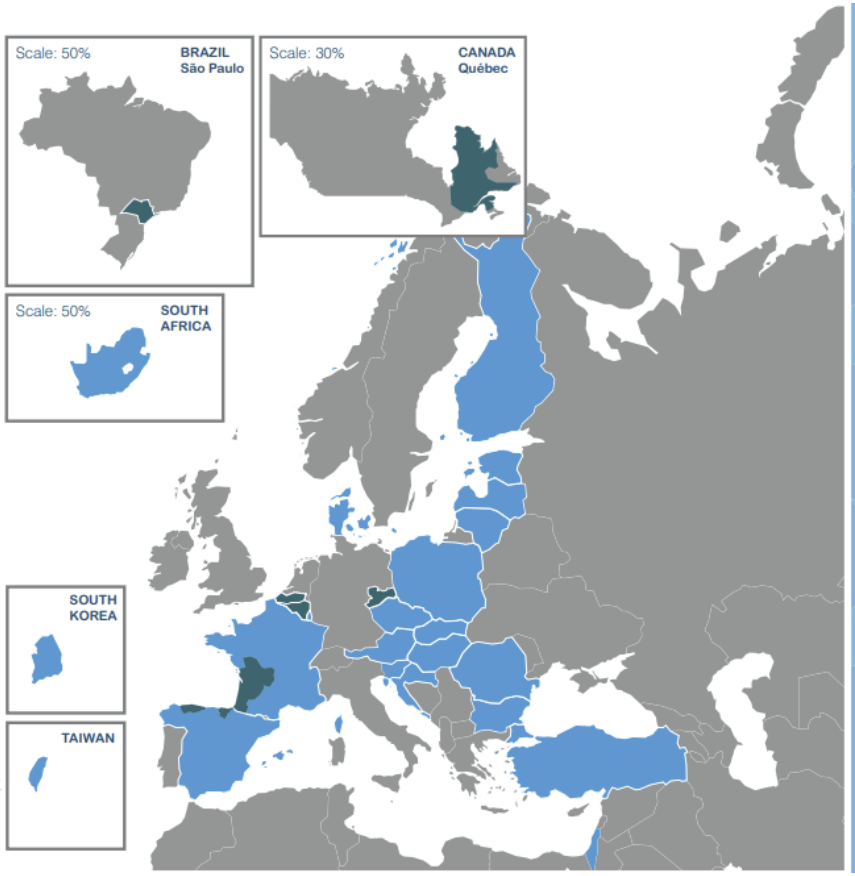
- Guide for proposers
- FAQ
- Mandatory Pre-Proposal form
- Mandatory Full-Proposal form and mandatory Annex 1 to Full-Proposal form (available September 2022)
- Final reporting template (available March 2023)

CALL INFORMATION MATERIAL

Participating countries: variable geometry example Call2022

- **collecting commitments:**
  34 national/regional funding organisations participate in the M-ERA.NET Call 2022
- **signed MoU**
- https://m-era.net/joint-calls/joint-call-2022/participating-countries-regions-call-2022

  - matrix of countries/regions & supported topics
  - detailed information on national/regional programmes:
    - national/regional requirements
    - contacts (see also Guide for Proposers, Annex 3)



Joint Calls: eligibility criteria example Call 2022

M-ERA.NET level

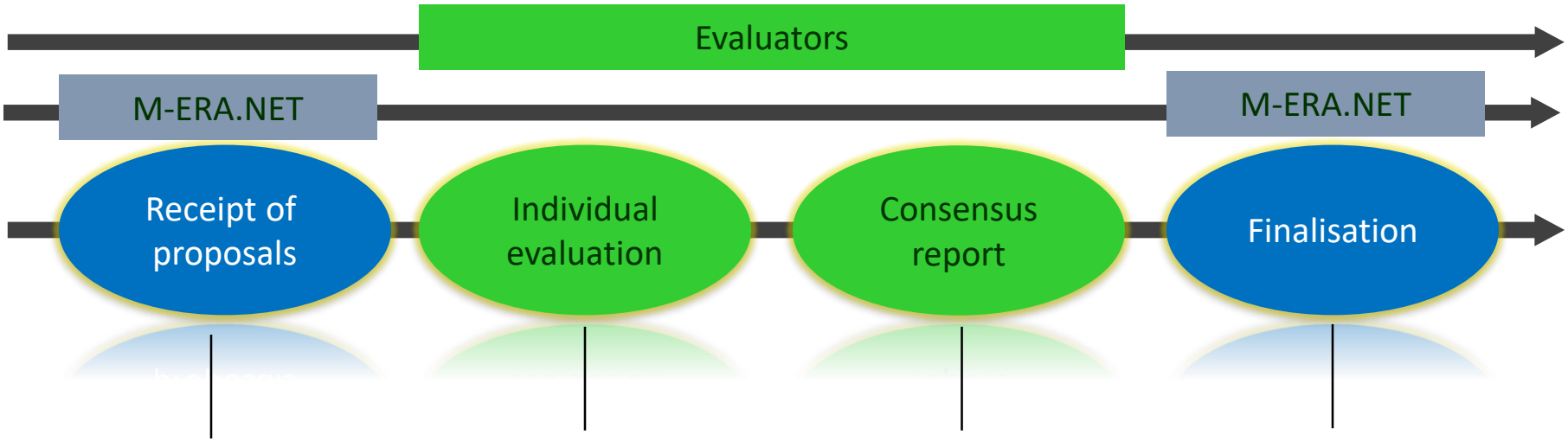
- ✓ minimum requirement for project consortia:
  - at least **3 partners** (all requesting funding from a funding organisation) from at least **3 different countries** (at least **2 EU member** states or H2020 **associated countries**) **participating in the M-ERA.NET Call 2022**.
  - ….

national/regional level

- ✓ defined by respective funding organisation –see country/region sub-pages
  - https://m-era.net/joint-calls/joint-call-2022/participating-countries-regions-call-2022

- ➢ see FAQs, Guide for Proposers

Evaluation Process Call 2022



Eligibility check:
I) M-ERA.NET level
II) Nat/Reg level

Evaluators get access to proposals;
3 Individual Assessment Reports (IAR) per proposal
(remotely via M-ERA.NET Evaluation Tool)

Rapporteurs for proposals identified;
Peer Review Report (PRR) & scoring
(remotely via M-ERA.NET Evaluation Tool)

accept final PRR

final ranking list available

17 Nov 2022 | Dec 2022 | Jan 2023 | late Jan 2022

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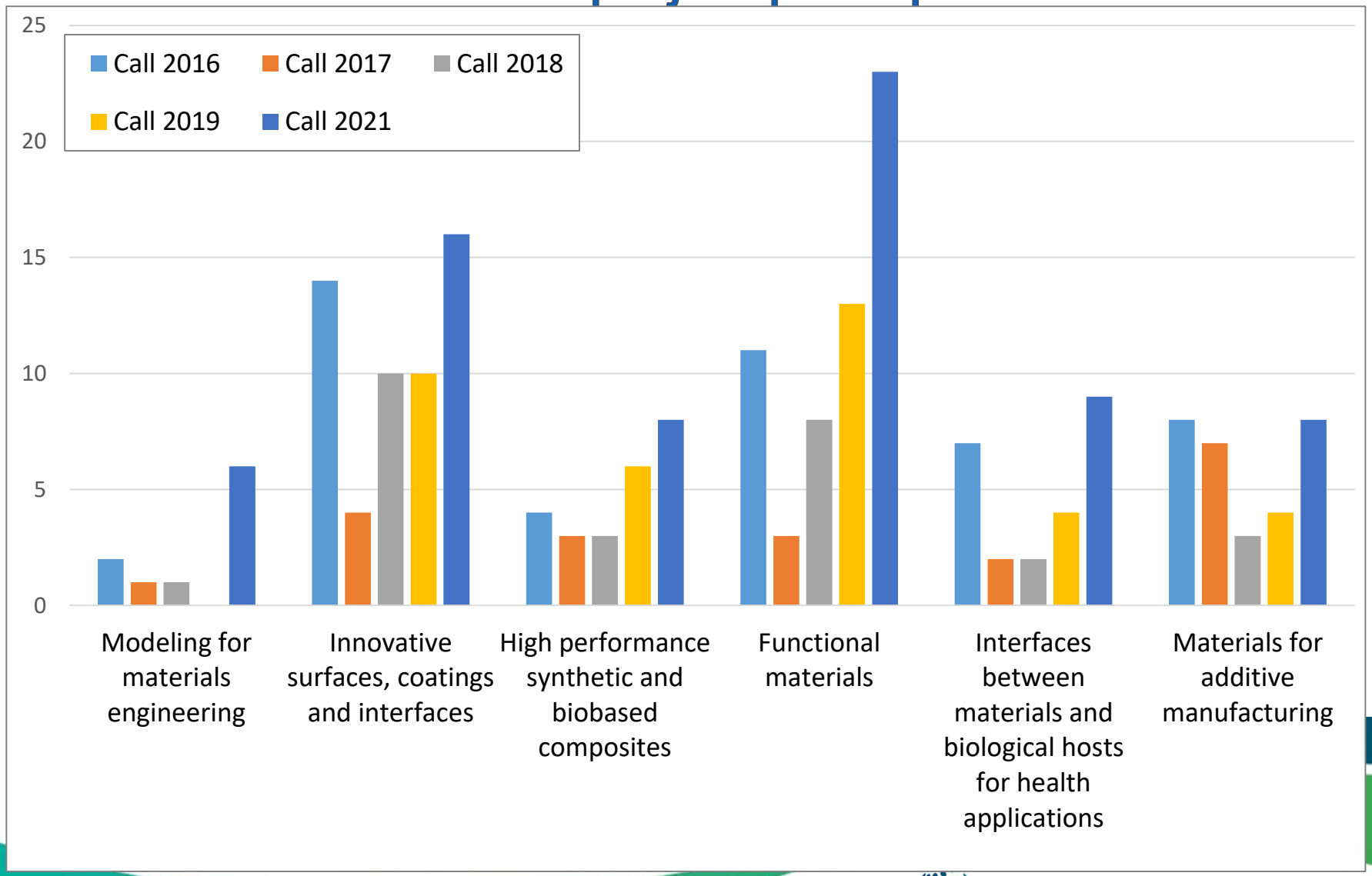
M-ERA.NET database of evaluators

- a database of evaluators is assembled for each call (around 400 experts).
- **the database is generated from**
  - **experts recommended by national/regional organisations,**
  - **experts from the European Commission database,**
  - **experts from previous M-ERA.NET calls,**
  - **experts recruited by the consortium at various events**.
  - **experts confirming their interest individually via the M-ERA.NET website** https://m-era.net/joint-calls/evaluator-registration
- all experts must **register in the database** and are assigned to proposals according to expertise/keywords
- the call consortium endorses the suggested assignments

Joint Calls 2016-2021 results: funded project per topics



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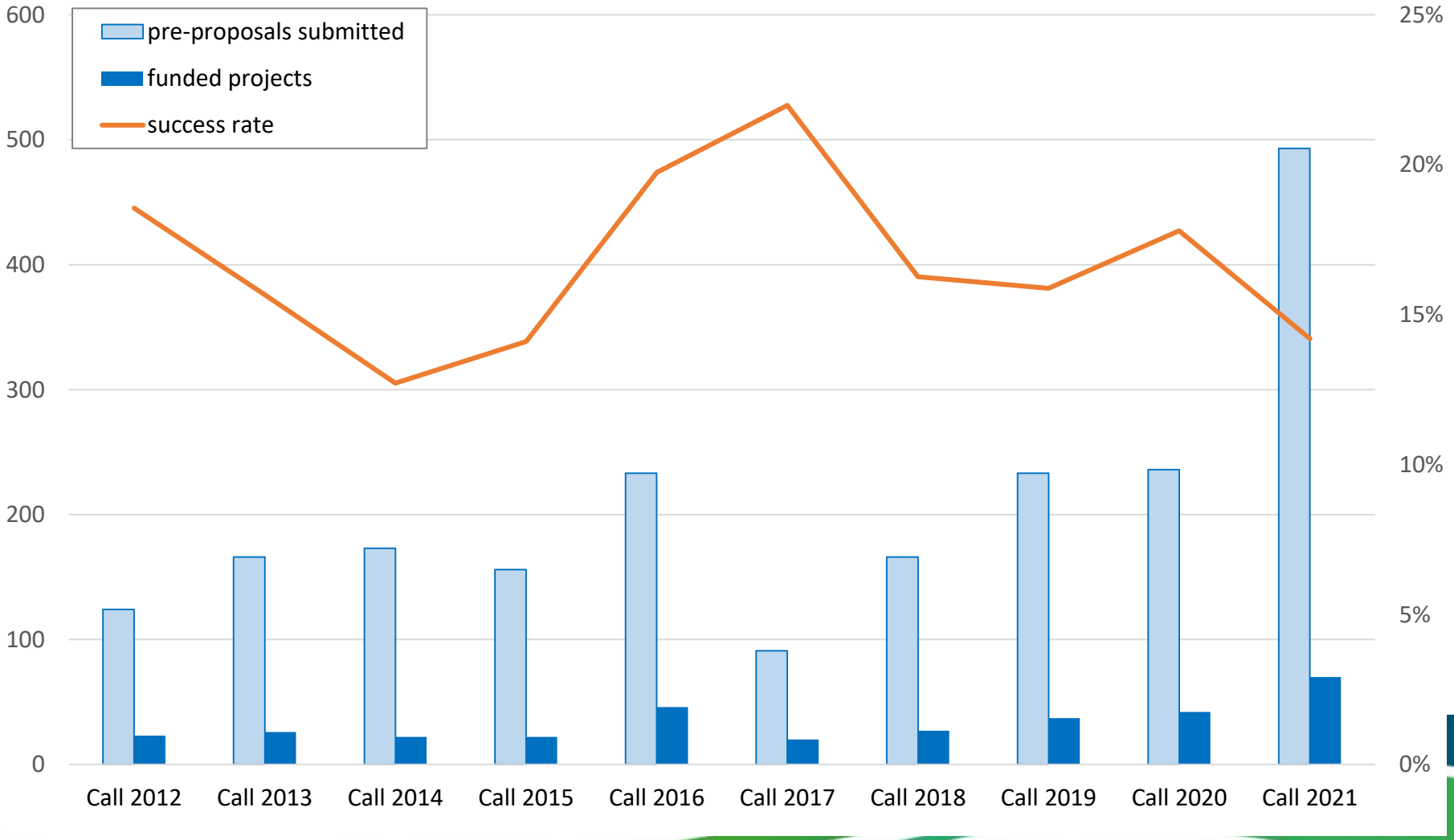
Joint Calls 2012-2021 results: response & success rate



full documentation: https://www.m-era.net/joint-calls

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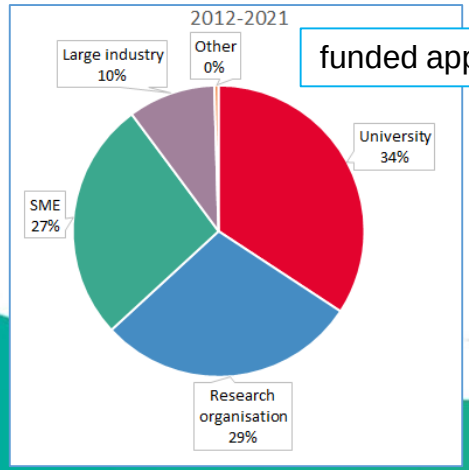
Joint Calls 2012-2021 results: substantial funding for transnational RTD cooperation

	Call	submitted proposals	funded projects	total funding volume	total project costs
M-ERA.NET	2012	124	23	16.4 M€	21.8 M€
	2013	166	26	22.9 M€	33.5 M€
	2014	173	22	15.8 M€	22.9 M€
	2015	156	22	16.5 M€	23.0 M€
M-ERA.NET 2	2016	233	46	32.2 M€ (incl. 10.2 M€ EU top-up)	42.2 M€
	2017	91	20	15.8 M€	21.7 M€
	2018	166	27	18.2 M€	25.5 M€
	2019	233	37	26.9 M€	33.7 M€
	2020	237	42	32.3 M€	41.8 M€
M-ERA.NET 3	2021	493	70	69.9 M€ (incl. 11.0 M€ EU top-up)	82.1 M€
	total	**2072**	**334**	**266.9 M€**	**348.2 M€**



funded applicants (average)

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Joint Calls:
Follow-up and monitoring of projects

Objectives:

- analyse the implementation and results of the joint call
- monitor the technical implementation of the joint call
- set up a list of indicators to monitor and assess the outputs of the joint call
- implement an online tool for following-up on the funded projects
- monitor the progress of the funded projects
- assess the outcomes of the funded projects

Work package: follow-up and monitoring of projects

Tasks:

Task 4.1. Monitoring of technical implementation of the cofunded call

Lead: UEFISCDI

- collecting feedback from applicants and evaluators

- identifying potential improvement of call procedures

Task 4.2. Monitoring of funded projects from the cofunded call

Lead: TACR

- collecting interim progress updates

- collecting mid-term and final reports

- facilitating a project seminar

Task 4.3. Assessment of funded projects from the cofunded call

Lead: RCN

- developing a set of indicators

- circulating online questionnaires

- data assessment and reporting

Assessment of project results

objective: analyse the results of the funded projects when completed.

Categories:

- General – project implementation
- Project results
  - Scientific results
  - Innovation results
- Economic effects
- Transnational benefit
- Contribution of project to
  - Sustainable development goals (SDGs).
  - Circular Economy
  - Sustainable battery-based energy and storage

result: published report

Thank you !

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www.m-era.net

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