

Topic 3: How to implement the cofunded call

Examples: M-ERA.NET, JPI Urban Europe

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- Scope of call
- Timing of the call
- The evaluation process
- Finding experts and telling them what to do
- Funding mode and funding commitment
- The rankings list
- Filling the gaps – top up funding
- Proposal management tools
- Project monitoring and reporting

M-ERA.NET Call 2016:

- launched 15 March 2016
- 35 funding organisations, 26 countries
- 22 EU member states + associated countries,
+ Brazil (Sao Paulo), Russia, South Africa, Taiwan
- committed nat/reg budget ~30 mio. €; 6 organisations not eligible for top-up
- EU contribution 12.75 mio €
- deadline for pre-proposals: 14 June 2016:

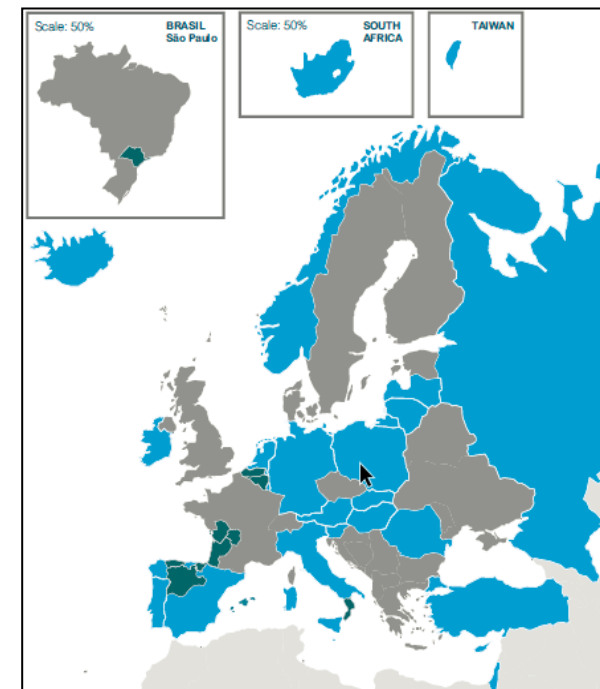
233 pre-proposals

- deadline for full-proposals: 10 November 2016:

89 full proposals

- funding decision: Feb-April 2017:

46 funded projects

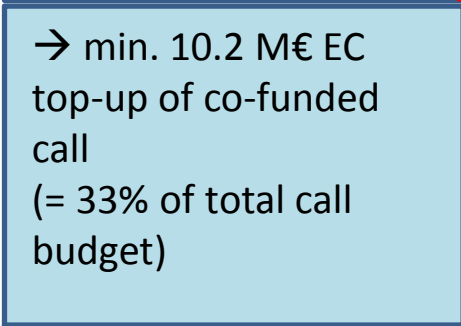


NMP-14-2015: fixed max. 12.75 M€ EC contribution

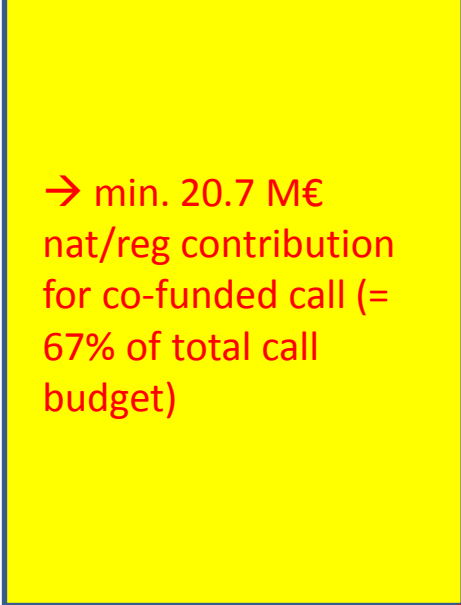
fixed:
12.75 MEUR EC contribution



**max. 20% (ie. 2.55 of 12.75 M€)
„unit costs“ for other joint activities**

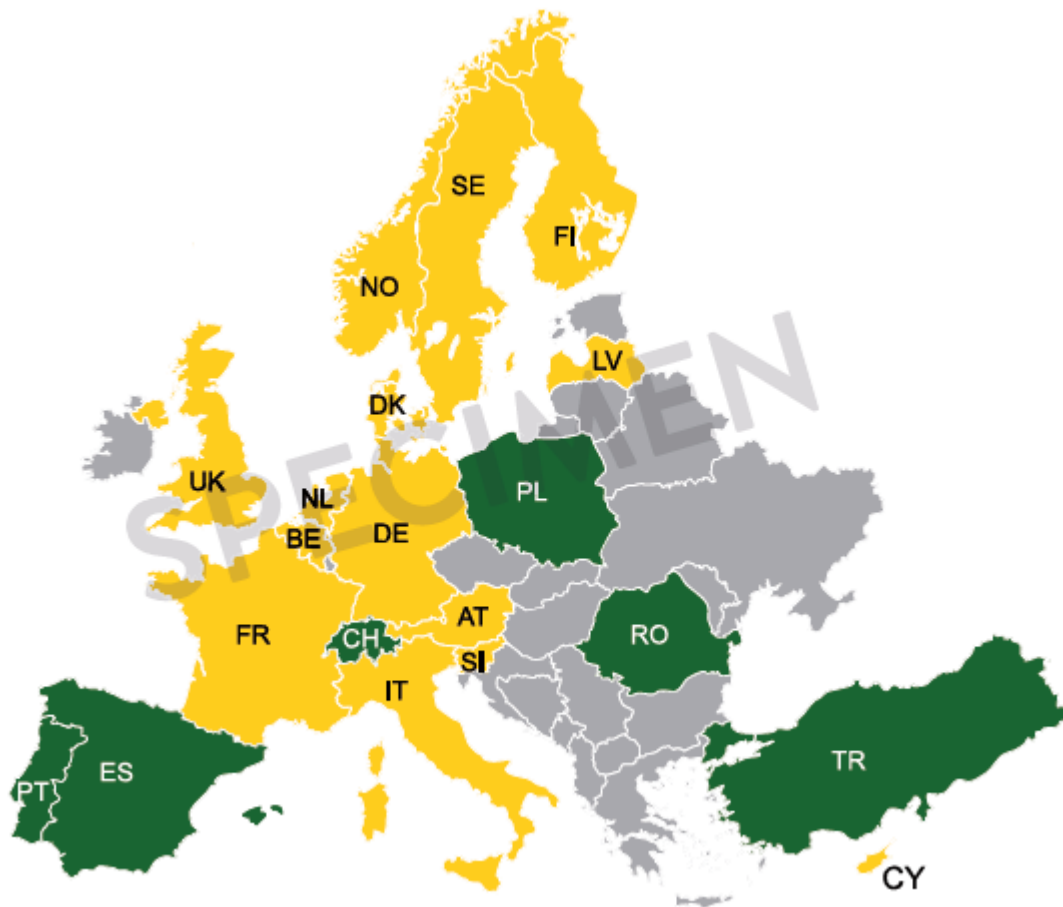


**→ min. 10.2 M€ EC
top-up of co-funded
call
(= 33% of total call
budget)**



**→ min. 20.7 M€
nat/reg contribution
for co-funded call (= 67% of total call
budget)**

**→ min. 30.9 M€ total budget of
1 cofunded call (= 100%)**



Yellow: 14 Member Countries
Green: 6 Observer Countries

3 ERA-NET Cofund actions within JPI Urban Europe:

- **ERA-NET Cofund Smart Cities & Communities (ENSCC)** – 26 MEUR total call budget
- **ERA-NET Cofund Smart Urban Futures (ENSUF)** – 23.5 MEUR total call budget
- **ERA-NET Cofund Sustainable Urbanisation Global Initiative (SUGI, with Belmont Forum)** – 28.5 MEUR total call budget

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Scope of the call: joint strategic programming

programme owners (e.g. ministries):
suggest **thematic priorities**

external expertise from Strategic Expert Group (representing **stakeholders, industry, academia, e.g. ETPs, research orgs.**), providing insight on **needs and possibilities** at European, national and regional levels in order to identify **gaps and opportunities**;

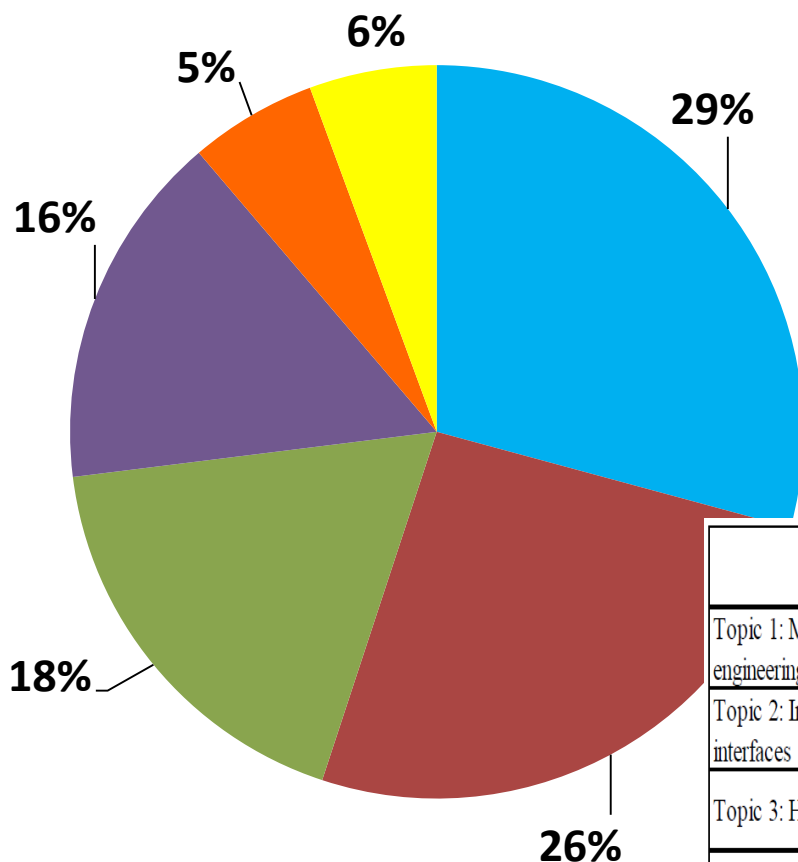
call implementation
(programme managers, e.g. funding agencies)

programme owners:

- endorse work programme
- individual nat/reg commitments: topics, budget, type of research, target group

Scope: response from community

Submitted Full-Proposals



- Innovative surfaces, coatings and interfaces
- Functional materials
- Interfaces between materials and biological hosts for health applications
- Materials for additive manufacturing
- High performance synthetic and biobased composites
- Integrated computational materials engineering (ICME)

Topic	TRL 1	TRL 2	TRL 3	TRL 4	TRL 5	TRL 6	TRL 7	TRL 8	TRL 9
Topic 1: Multiscale modeling for materials engineering and processing (M3EP)									
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 additive manufacturing									

Call text development

- **Strategic Research and Innovation Agenda (SRIA)** with multi-annual call agenda
- **Scoping Workshops** (also with other networks, e.g. Belmont Forum)
- **Specific Writing Groups** for call texts



Figure 2
Multi-stakeholder involvement in the SRIA process

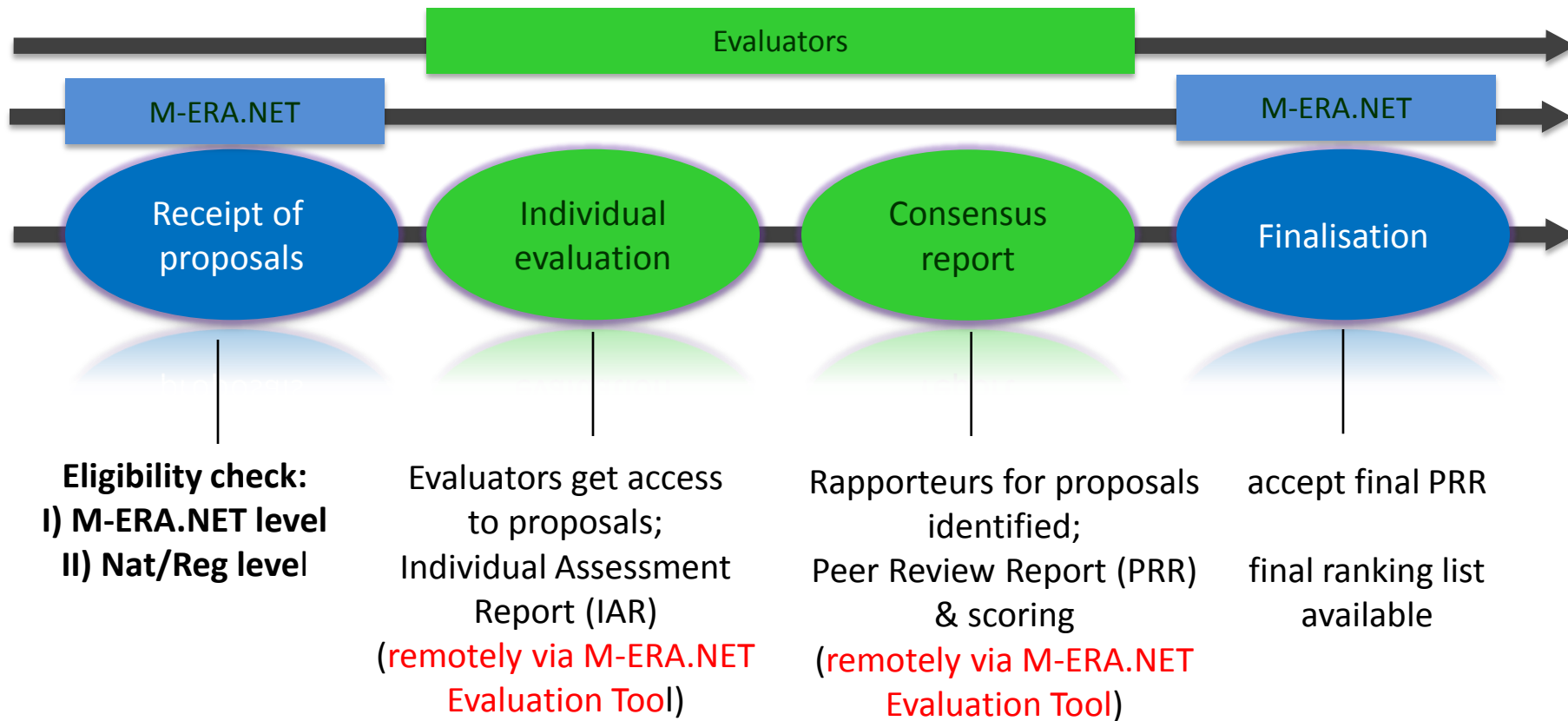
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Call schedule

- ❖ more or less defined by EC
- ❖ start very early to have some flexibility in case of emergencies towards the end
- ❖ main conclusion:
establish schedule with window of opportunity for specific budget increases

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Evaluation Process (full proposals)



10 Nov 2016

20 Dec 2016

13 Jan 2017

23 Jan 2017

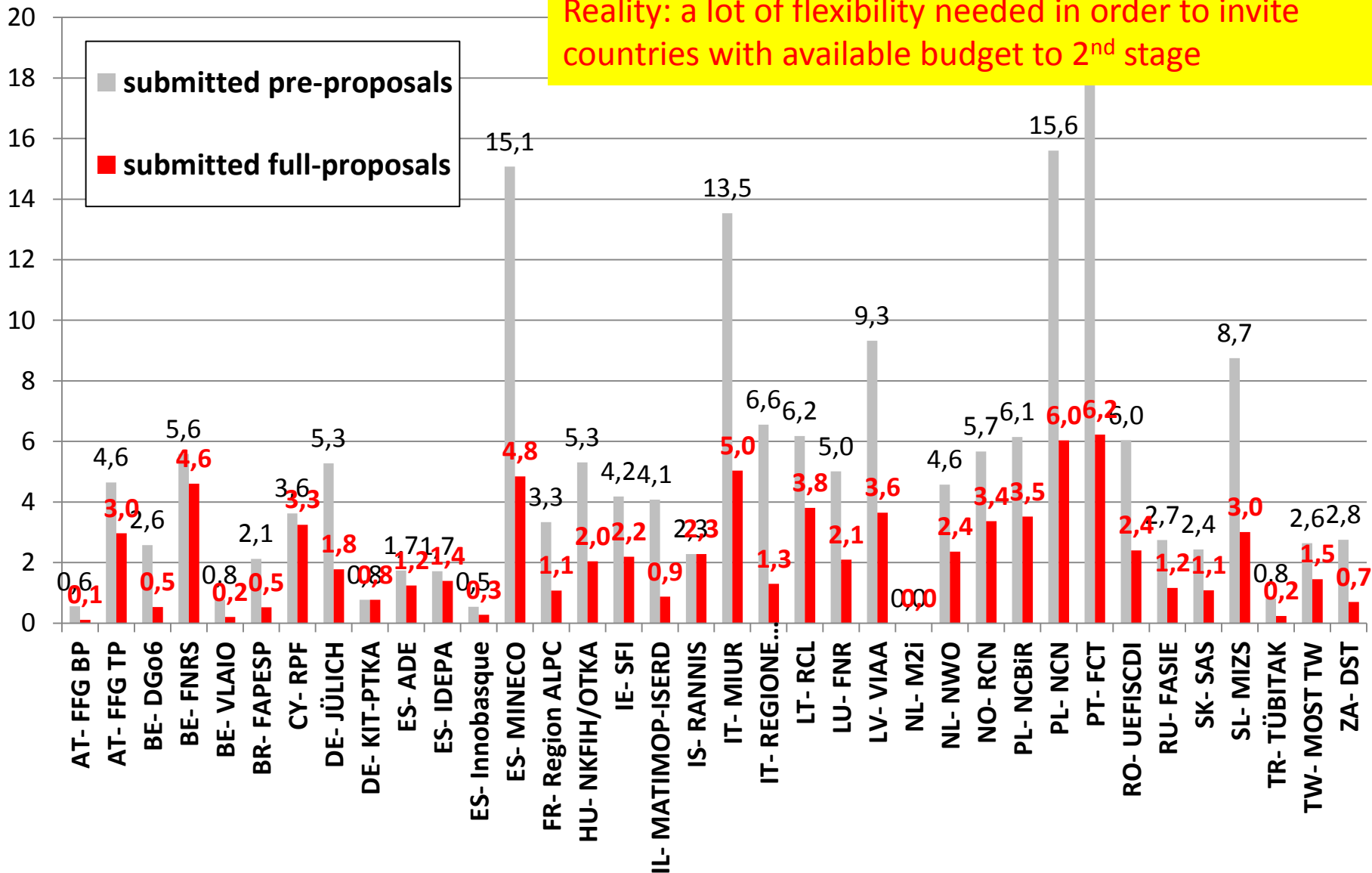


M-era.Net

Oversubscription

CA: oversubscription limited to approx 3.0; for countries not eligible for EU top-up oversubscription limited to approx 2.0.

Reality: a lot of flexibility needed in order to invite countries with available budget to 2nd stage



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M-ERA.NET Call Database of Evaluators

- The database with the evaluators is assembled for each call (around 400 experts).
- **The database is created from**
 - experts recommended by national/regional organisations,
 - experts from the European Commission database,
 - experts from previous M-ERA.NET databases, and,
 - experts recruited by the Consortium at different events.
- The experts are must register anew in the database for them to be included in the proposal assignment.

- **Transnational evaluation** and **Evaluation Summary Reports (ESRs) for applicants in both stages**
- **Guidelines for experts** for the evaluation (with explanation of the evaluation criteria) and for writing the ESRs
- **Good share between experts with research and “practitioners” background** (business, cities, NGOs); better (if possible) that practitioners have also a background in research
- **Competence and Conflicts of Interest check** with regard to the submitted proposals
- **No too detailed finetuning of evaluation results** (2 digits behind comma) -- use of integer values to have more flexibility with regard to available budgets

Evaluation process – JPI Urban Europe

Project 1
Project 2
Project 3
...
...

Mean score	Evaluator S	Ranks S	Evaluator T	Ranks T	Evaluator U	Ranks U	Evaluator V	Ranks V	Evaluator W	Ranks W	Evaluator X	Ranks X	Mean rank	Min. rank	Max. rank	Rank span
13,84									13,5	3			2,33	2	3	1
13,67							15	1					2,00	1	4	3
13,50			12,5	1					14,5	1			1,33	1	2	1
13,34									14	2			2,00	2	2	0
13,17					14	2							2,00	2	2	0
13,16													2,67	1	5	4
13,00													2,00	1	3	2
13,00													2,00	1	3	2
12,99	12	3											2,00	1	3	2
12,33					14	2					11,5	2	2,00	2	2	0
12,33													4,33	3	5	2
12,17									13	5			4,33	3	5	2
12,00	12,5	2											3,00	2	4	2
13,00					12,5	6	15	1					3,67	1	6	5
12,84													3,00	1	6	5
12,66									12	7			3,00	1	7	6
12,50					12	7							4,33	3	7	4
12,33													3,00	1	6	5
12,00													3,33	1	7	6
10,00													4,33	2	8	6
9,83													7,00	3	9	6
9,83			12,5	1									4,67	1	7	6
9,50							7	8					5,67	4	8	4
9,50													7,67	4	10	6
9,16													6,33	5	9	4
9,00	8,5	8									6,5	10	7,67	5	10	5
9,00													6,67	1	10	9
8,66			6	5									6,67	5	10	5
8,00													7,00	6	8	2
7,83			6	5									7,33	5	10	5
7,83													9,00	7	10	3
7,67			6	5									6,33	5	7	2
7,50					10,5	9							8,33	7	9	2
7,17													7,00	6	9	3
6,50			7	4									7,33	4	10	6
5,84							3,5	9					9,33	8	11	3
4,33			5	8							3	11	9,67	8	11	3

Scoring ranks and colour codes for speeding up the panel discussion process after the pre-assessments (N.B. example contains only parts of original table)

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Internal distribution of the EU top-up

agreed in the CA:

- strictly follow the ranking list
- **mixed mode** financing system
- **25-50% of EU top-up used for juste-retour**
- **50-75% of EU top-up reserved for balancing purpose (gap filling)**
- flexibility: balancing percentage may be further increased by SB

Result: real ranking list (with preliminary budgets)

Use of EU top-up for gap filling	Max. number of funded projects
0%	13
50%	35
75%	36
100%	38

- **ERA-NET Smart Cities & Communities:** Total top-up (minus coordination costs) as potential **balancing pot: 100% available for gap-filling**, remaining top-up distributed among other partners according to actually needed budget for projects
- **ERA-NETs Smart Urban Futures and SUGI:** Amount of top-up for a partner is limited to the respective financial contribution to the joint call; **target: 50% for gap-filling** but agreement that agencies strive to fund a maximum possible number of successful proposals

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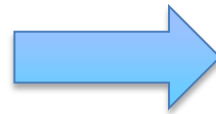
Ranking list:

- individual experts evaluation: 0.1, 0.2, 0.3, ...
- consensus report: 0.0, 0.5, 1.0

acronym	result	maincriterio	maincriterio	maincriterio	IER 1	IER 2	IER 3
'CONTACT	'10.0	'3.5	'3.0	'3.5	'12.3	'8.0	'11.1
'PLARSBAT	'12.5	'4.0	'4.0	'4.5	'11.5	'13.1	'13.0
'ESOLCELL	'10.5	'3.5	'3.0	'4.0	'9.8	'10.2	'13.5
'COMPIO	'13.5	'4.5	'4.5	'4.5	'13.6	'12.1	'14.4
'Pelargodont	'12.0	'4.0	'4.0	'4.0	'10.7	'13.0	'11.9
'GreenPort	'11.0	'3.5	'3.5	'4.0	'11.7	'9.3	'11.9
'Dressing4scars	'12.0	'4.0	'4.0	'4.0	'13.9	'11.7	'9.5
'RATOCAT	'12.5	'4.0	'4.0	'4.5	'12.3	'13.6	'11.8
'MuMo4PEC	'11.5	'4.5	'3.5	'3.5	'11.5	'13.0	'11.7
'SEY-RF	'10.5	'3.5	'3.5	'3.5	'14.0	'9.1	'10.1
'BIOMB	'11.5	'3.5	'4.0	'4.0	'12.1	'10.7	'12.0
'HPAMNano	'10.5	'3.5	'3.5	'3.5	'10.9	'12.5	'9.7
'GRAFOOD	'12.5	'4.0	'4.5	'4.0	'14.3	'9.8	'12.7
'POLYMAGIC	'11.5	'3.5	'4.0	'4.0	'8.8	'13.9	'13.1
'FuncFILM	'10.5	'3.5	'3.0	'4.0	'9.8	'11.2	'10.8
'HYDROPLAST	'10.0	'3.0	'3.5	'3.5	'10.7	'10.2	'10.0

Ranking list – JPI Urban Europe

Project	Points
	13,01
	13,00
	13,0
	12,88
	12,76
	12,75
	12,63
	12,63
	12,00
	11,88
	11,88
	11,88
	11,86
	11,75
	11,74
	11,51
	11,50



Project no	Short title	Total points (rounded)
XXXXXXXXX	Project 1	13
XXXXXXXXX	Project 2	13
XXXXXXXXX	Project 3	13
XXXXXXXXX	Project 4	13
XXXXXXXXX	Project 5	13
XXXXXXXXX	Project 6	13
XXXXXXXXX	Project 7	13
XXXXXXXXX	Project 8	13
XXXXXXXXX	Project 9	12
XXXXXXXXX	Project 10	12
XXXXXXXXX	Project 11	12
XXXXXXXXX	Project 12	12
XXXXXXXXX	Project 13	12
XXXXXXXXX	Project 14	12
XXXXXXXXX	Project 15	12
XXXXXXXXX	Project 16	12
XXXXXXXXX	Project 17	12

Final score is rounded mean score – Position on ranking list is discussed during Expert Panel meeting

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Tool to assemble selection list

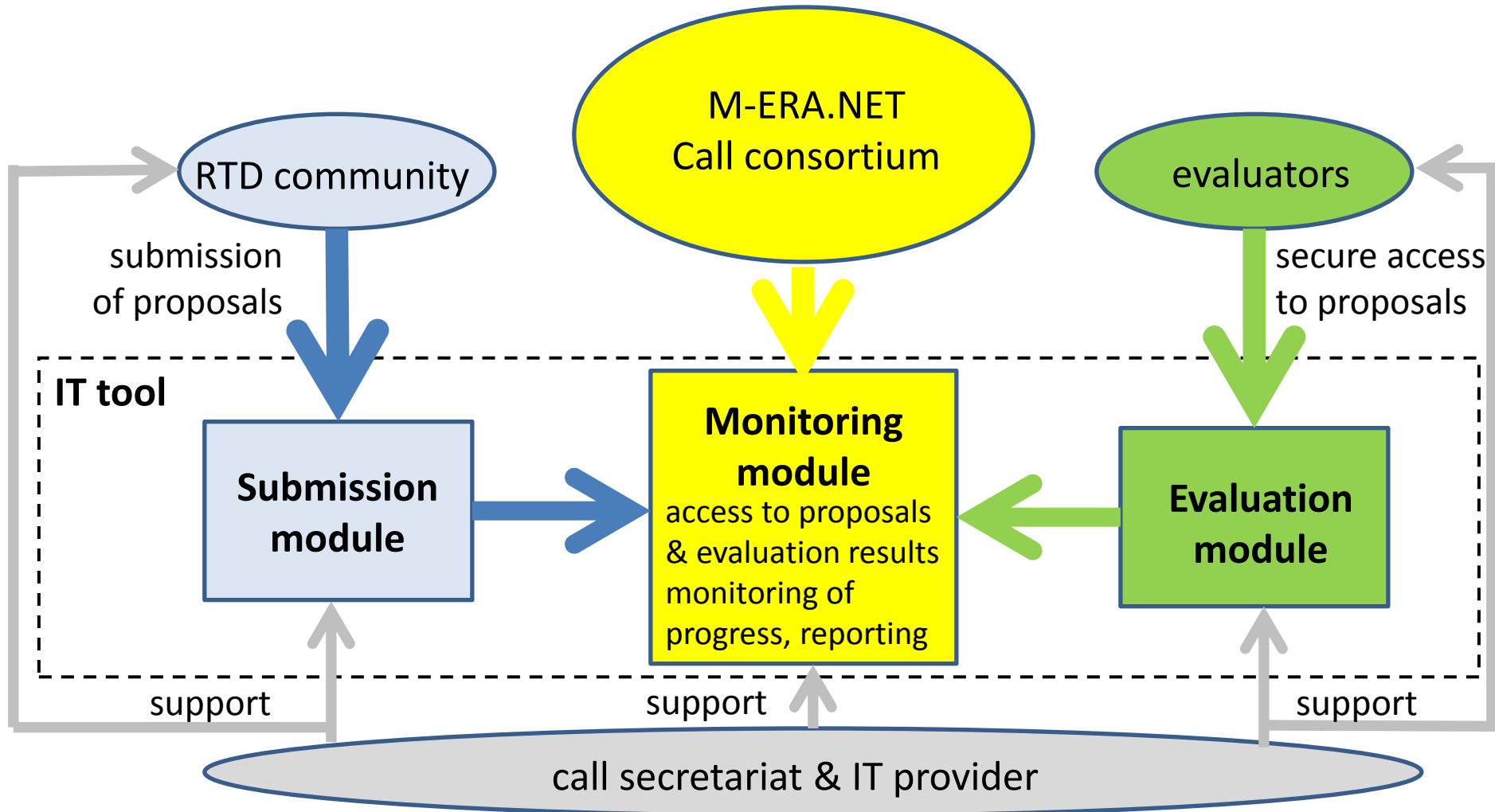
- enter consortium
- enter EC contribution
- enter ranking list
- allow flexible nat/reg budgets
- allow flexible use of mixed mode –various % of EC top-up used for gap filling
- find out maximum length of funding list
- display number of funded projects
- display allocated top-up
- [template available on www.era-learn.eu](http://www.era-learn.eu)

Conclusions -recommendations

- elaborate the Consortium Agreement very carefully -define rules but allow flexibility; take into account the possibility of unforeseen events
- select as many projects for funding as possible
- agree on a reserve list
- agree on a limited duration of the funded transnational projects and clarify to the researchers that no project extension is possible

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M-ERA.NET 2 IT system



IT tools, monitoring and reporting

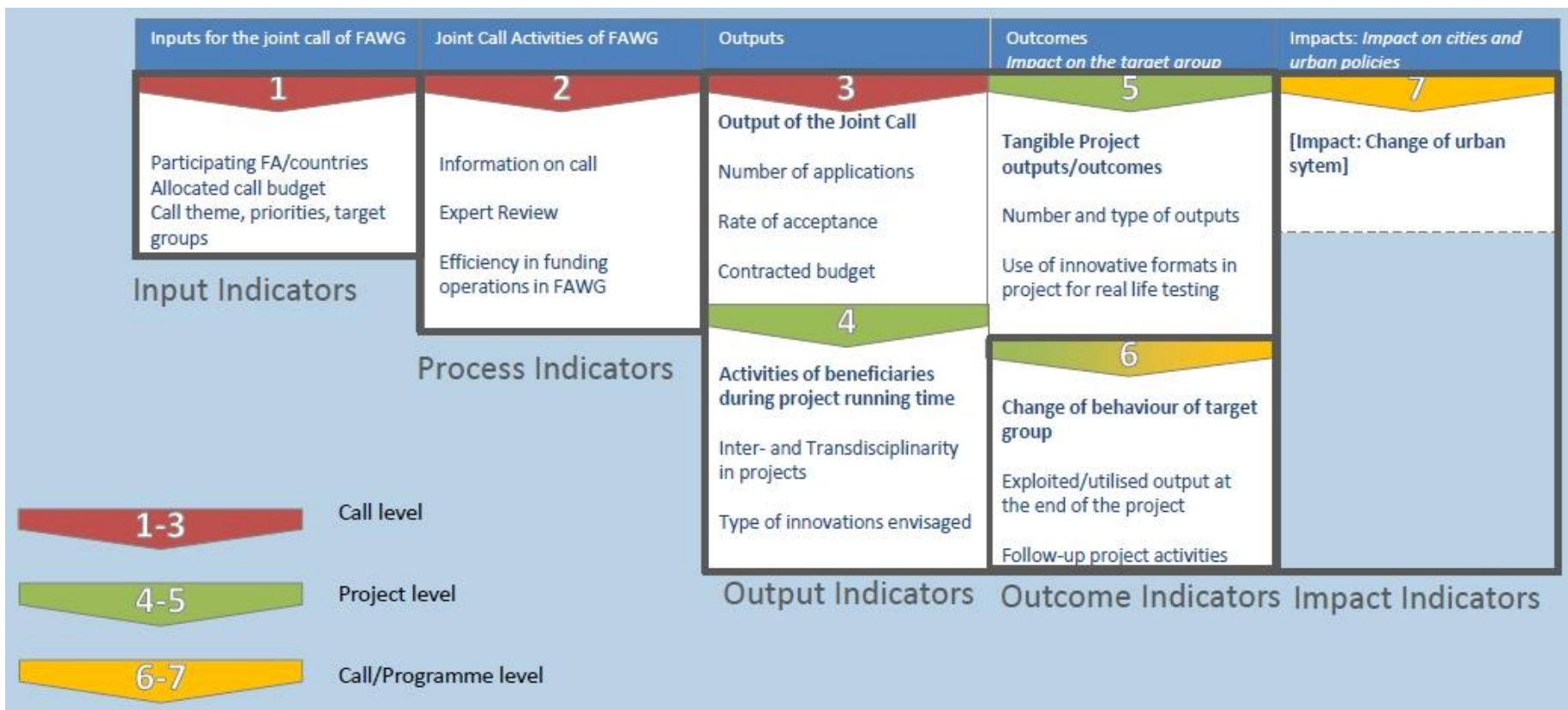
Organisation	Agencia estatal Consejo Superior de Investigaciones Científicas	Country	Spain
Actual total costs (€) (Planned total costs)	491663 EUR (636230 EUR)	Actual total funding (€) (Planned total funding)	489663 EUR (575430 EUR)
Project Start (Project Duration)	05/2017 (36 months)	Actual total person months (Planned total person months)	30 (281)
Technology Readiness Level	project start: 1 project end: 4		
Pre-proposal	2016-preproposalfom-plarasbat-era_net_dow07e.pdf — PDF document, 668 KB (684869 bytes) (Submission time: 2016-06-13 08:19:06, Deadline ok)		
Full-proposal	2016_fullproposalfom_plarasbat02.pdf — PDF document, 418 KB (428523 bytes) (Submission time: 2016-11-10 09:55:57, Deadline ok)		
Full-proposal Annex	2016_annex-1-full-proposal-plarasbat-era-net_01.pdf — PDF document, 712 KB (729765 bytes)		

Legend of possible workflow states

1	unsubmitted pre-proposal
2	pre-proposal submitted
3	pre-proposal accepted
4	unsubmitted full-proposal
5	full-proposal submitted
6	recommended for funding
7	funding accepted
8	contract signed
9	project started
10	project ended
99	proposal rejected

Partner (Agency, Country)	Workflow states											State	Project Progress
	1	2	3	4	5	6	7	8	9	10	99		
Agencia estatal Consejo Superior de Investigaciones Científicas (MINECO, Spain)	✓								✓	✓	✓	project started	✓
Vilnius University (RCL, Lithuania)	✓								✓	✓	✓	project started	✓
National Cheng Kung University (MOST TW, Taiwan)	✓								✓	✓	✓	project started	✓
Dijiya Energy Saving Technology Inc (MOST TW, Taiwan)	✓								✓	✓	✓	project started	✓

Project monitoring – JPI Urban Europe



Source: AIT, JPI Urban Europe Programme Monitoring Concept

Thank you !

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