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Research and Innovation Action



EUROPEAN SMES ROBOTICS APPLICATIONS

ESMERA-FOCE Public Evaluation Report

The Second Open Call for ESMERA Experiments (ESMERA-SOCE)

Results of the Second Open Call for ESMERA Experiments (ESMERA-SOCE)

Project **acronym:** ESMERA

Project **grant agreement number:** 780265

Project **full name:** European SMEs Robotics Applications

Project ESMERA, co-funded from the European Union's Horizon 2020 research and innovation programme under grant agreement No 780265, launched an open call (call ID ESMERA-FOCE) for experiments.

The call closed on December 4th, 2019 at 18:00 CET.

A total of 62 eligible proposals were received for this call. 20 proposals will receive funding for a total amount of 3,949,662.05EUR.

The evaluation and selection have been completed. All proposers have been informed about the evaluation results for their proposal for financial support.

Call information

The call was published on ESMERA website (<https://esmera-project.eu/>) and on the Horizon 2020 Participants Portal (<https://ec.europa.eu/research/participants/portal/>) on September 2nd, 2019. Full call details were published at: (<http://esmera-project.eu/Open-Calls>)

Response to the call-in detail

We received 69 proposals for ESMERA-SOCE and 62 of 69 were eligible for evaluation. Based on the evaluation results, 23 of them are above-threshold and 20 of them is funded.

List of selected proposals

	Project Acronym	Challenge Area	Challenge Provider	Partners List		Country	Funding Request
1	AMESON	ER1.A	Paris Fire Brigade	Partner 1:	FERON TECHNOLOGIES IDIOTIKI KEFALAIOUCHIKI ETAIREIA	Greece	195,000.00€
2	TOGETHER	A1.B	Vogelaar Fruitcultures VOF - SL exists	Partner 1:	Munckhof Fruit Tech Innovators B.V.	Netherlands	200,000.00€
				Partner 2:	Riwo Engineering B.V.	Netherlands	
3	MoCAAS	M3.A1	Arçelik	Partner 1:	Spin Robotics IVS	Denmark	200,000.00€
				Partner 2:	Pehama Production A/S	Denmark	
4	Irta	A1.A2	ADVID	Partner 1:	Agricultural & Environmental Solutions Private Company	Greece	200,000.00€
				Partner 2:	National Centre for Scientific Research “Demokritos”	Greece	
				Partner 3:	Agricultural University of Athens	Greece	
				Partner 4:	SCiO Private Company	Greece	
5	FLOX	A1.B	Menchine Farm - SL exists	Partner 1:	Flox Limited	UK	199,000.00€
6	SWTS-FE	M2.A1	Arçelik	Partner 1:	sewts GmbH	Germany	200,000.00€
7	SUSPICION	M5.A1	Ford Otosan	Partner 1:	Fraunhofer Austria Research GmbH	Austria	199,996.00€
				Partner 2:	JOANNEUM RESEARCH Forschungsgesellschaft mbH	Austria	
				Partner 3:	craftworks GmbH	Austria	

8	ROVER4RT	C1.A1	Deutsche Bahn	Partner 1:	ZeniaLabs Automation Intelligence S.L.	Spain	199,343.75€
				Partner 2:	Electronics and Opto-Mechanics Engineering EXOM S.L.	Spain	
				Partner 3:	Alpha Laser GmbH	Germany	
				Partner 4:	Tecnalia Research & Innovation	Spain	
9	WGL	R1.A	SONAE	Partner 1:	Follow Inspiration S.A.	Portugal	195,000.00€
10	ROMERO	ER3.B	Italian Department of Civil Protection - SL exists	Partner 1:	MDM TEAM SRL	Italy	199,575.00€
				Partner 2:	Università degli Studi di Firenze	Italy	
11	Web2Print Garment	M1.A4	SONAE	Partner 1:	Kilt Oy	Finland	200,000.00€
				Partner 2:	Enekos Oy	Finland	
12	SARAF	M3.A1	Arçelik	Partner 1:	Hidropar Hareket Kontrol Teknolojileri Merkezi Sanayi ve Ticaret Anonim Sirketi	Turkey	200,000.00€
13	Prysm	A1.A2	ADVID	Partner 1:	Pulverizadores Rocha	Portugal	190,750.00€
				Partner 2:	INESC TEC Tecnologia e Ciência	Portugal	
14	SARA	A1.A2	ADVID	Partner 1:	SVMAC INGENIERIA SISTEMAS Y VEHICULOS SL	Spain	200,000.00€
				Partner 2:	CTIC FOUNDATION, TECHNOLOGY CENTER	Spain	
15	SPIWI	FP1.A2	SONAE	Partner 1:	IT+Robotics srl	Italy	193,312.50€
				Partner 2:	University of Padova	Italy	
16	SA3IR	R1.A	SONAE	Partner 1:	MetraLabs GmbH Neue Technologien und Systeme	Germany	189,437.50€
				Partner 2:	Universidad de Extremadura	Spain	

				Partner 3:	Universidad de Málaga	Spain	
17	RAIL-O-BOT	C1.A3	Deutsche Bahn	Partner 1:	Ingeniarius, Ltd.	Portugal	189,216.30€
18	PLUTO	C2.A1	SNCF	Partner 2:	WPWEB	Italy	200,000.00€
19	AeroWind	E1.B	Zecca - SL exists	Partner 1:	University of Zagreb Faculty of Electrical Engineering and Computing	Croatia	199,031.00€
				Partner 2:	Helvetis SA	Switzerland	
20	NeRo	H1.B	GRUPO IMQ - SL exists	Partner 1:	Cyber Surgery, SL	Spain	200,000.00€

Details for each Challenge are as follows:

Area	Definition	Ineligible Proposals	Eligible Proposals	Above-threshold proposals	Below-threshold proposals
Agriculture	Total Number of Proposals	1	13	5	8
	Percentage of them among all ESMERA Challenges	1.45%	18.84%	8.70%	10.14%
	Total Number of Proposals applied to ESMERA-defined Challenges (Axx.Axx)	0	8	3	5
	Total Number of Proposals applied to Open Challenges (A1.B)	1	5	2	3
Construction	Total Number of Proposals	0	5	3	2
	Percentage of them among all ESMERA Challenges	0	7.25%	4.35%	2.9%
	Total Number of Proposals applied to ESMERA-defined Challenges (Cxx.Axx)	0	5	3	2
	Total Number of Proposals applied to Open Challenges (Cxx.B)	0	0	0	0
Emergency Response	Total Number of Proposals	0	4	2	2
	Percentage of the among all ESMERA Challenges	0	5.8%	2.9%	2.9%
	Total Number of Proposals applied to ESMERA-defined Challenges (Cxx.Axx)	0	2	1	1
	Total Number of Proposals applied to Open Challenges (Cxx.B)	0	2	1	1
Energy	Total Number of Proposals	0	4	2	2

	Percentage of the among all ESMERA Challenges	0	5.8%	2.9%	2.9%
	Total Number of Proposals applied to ESMERA-defined Challenges (Exx.Axx)	0	1	0	1
	Total Number of Proposals applied to Open Challenges (Exx.B)	0	3	1	2
Food Processing	Total Number of Proposals	0	1	1	0
	Percentage of the among all ESMERA Challenges	0	1.45%	1.45%	0
	Total Number of Proposals applied to ESMERA-defined Challenges (FPxx.Axx)	0	1	1	0
	Total Number of Proposals applied to Open Challenges (FPxx.B)	0	0	0	0
Healthcare	Total Number of Proposals	0	8	1	7
	Percentage of the among all ESMERA Challenges	0	11.6%	1.45%	10.15%
	Total Number of Proposals applied to ESMERA-defined Challenges (Hxx.Axx)	0	0	0	0
	Total Number of Proposals applied to Open Challenges (Hxx.B)	0	8	1	7
Manufacturing	Total Number of Proposals	2	21	10	11
	Percentage of the among all ESMERA Challenges	2.9%	30.43%	14.49%	15.94%
	Total Number of Proposals applied to ESMERA-defined Challenges (Mxx.Axx)	0	11	6	5

	Total Number of Proposals applied to Open Challenges (Mxx.B)	2	10		6
Retail	Total Number of Proposals	0	6	3	3
	Percentage of the among all ESMERA Challenges	0	8.7%	4.35%	4.35%
	Total Number of Proposals applied to ESMERA-defined Challenges (R1.A)	0	5	2	3
	Total Number of Proposals applied to Open Challenges (R1.B)	0	1	1	0