

ERA-MIN2 CALL 2019 LIST OF FUNDED PROJECTS

Main call topic	Sub-topic areas	Project acronym/abstract	Project title	Coordinator (partner 1) and consortium partners	Participating countries - Funding organisations	Duration	Total Costs	Requested Funding
1. Supply of raw materials from exploration and mining	1.3 Mine closure and reclamation, 3.2 Increase resource efficiency through recycling of residues or remanufacturing of used products and components, 5.3 Social acceptance and trust/public perception of raw materials	nanoBT abstract	Application of nano-bubble technologies to mining industry operations	Technical University of Crete	Greece - GSRT	36 months	€529,235	€516,465
				Fine Bubble Technologies (Pty) Ltd	South Africa - DST			
				Université Laval	Canada/Québec - FRQNT			
	1.1 Exploration	MOSTMEG abstract website	Predictive models for strategic metal rich, granite-related ore systems based on mineral and geochemical fingerprints and footprints	Faculdade de Ciências da Universidade de Lisboa	Portugal - FCT	36 months	€851,946	€412,755
				Faculdade de Ciências do Porto	Portugal - FCT			
				Universidade de Évora	Portugal - FCT			
				Laboratório Nacional de Energia e Geologia, I.P.	Portugal - FCT			
				Universidade de Coimbra	Portugal - FCT			
				CNRS-GeoRessources	France - ANR			
				Instituto de Geociencias da Universidade SPaulo	BRAZIL			

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1. Supply of raw materials from exploration and mining	1.1 Exploration	D-Rex abstract	Deposit-to-Regional Scale Exploration	Luleå University of Technology	Sweden - Vinnova	36 months	€2,463,320	€1,314,792
				Geological Survey of Finland	Finland – Business Finland			
				Czech Academy of Science	Czech Republic - TA CR			
				Earth Science Institute of the Slovak Academy of Sciences	Slovakia - SAS			
				Luossavaara-Kiirunavaara AB (LKAB)	Sweden - Vinnova			
				Bluejay Mining plc	United Kingdom			
				Loop and Line Oy	Finland – Business Finland			
				Boliden Mineral AB	Sweden - Vinnova			
				Boliden FinnEx Oy	Finland – Business Finland			
3. Processing, Production and Remanufacturing	2.1 Product design for increased raw material efficiency 2.4 Product design for critical materials substitution	RETECH abstract	Recovery of rare earth elements from complex ores in Turkey and their potential use in high tech industrial applications	Rare Earth Elements Research Institute	Turkey - TUBITAK	36 months	€642,000	€567,000
				National R&D Institute for Nonferrous and Rare Metals	Romania - UEFISCDI			
				General Directorate of Mineral Research and Exploration	Turkey - TUBITAK			
				Rumelisiad Girisim A.S.	Turkey - TUBITAK			
				INCDMRR	Romania - UEFISCDI			

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3. Processing, Production and Remanufacturing	3.1 Increase resource efficiency in resource intensive production processes, 3.2 Increase resource efficiency through recycling of residues or remanufacturing of used products and components, 4.3 Recovery of raw materials from End-of-life products	ReFina abstract	Novel methods for enhanced recovery of metals and minerals from fine incineration ash	Czech Academy of Sciences	Czech Republic - TA CR	36 months	€2,365,394	€1,179,793
				Pražské služby, a.s.	Czech Republic - TA CR			
				LEPMI	France - ADEME			
				VITO NV	Belgium/Flanders - Hermesfonds /VLAIO			
				INSA Lyon	France - ADEME			
				Indaver	Belgium/Flanders - Hermesfonds /VLAIO			
	3.2 Increase resource efficiency through recycling of residues or remanufacturing of used products and components	REEScue abstract	Integrated process for the recovery of Rare Earth Elements and Scandium from Bauxite Residues	National Technical University of Athens	Greece - GSRT	30 months	€624,798	€510,046
				Mytilineos SA	Greece - GSRT			
				Necmettin Erbakan Üniversitesi	Turkey - TUBITAK			
				VIMETCO ALUM	Romania - UEFISCDI			
ETI Alüminyum A.S.				Turkey - TUBITAK				

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3. Processing, Production and Remanufacturing	3.1 Increase resource efficiency in resource intensive production processes, 3.2 Increase resource efficiency through recycling of residues or remanufacturing of used products and components, 5.2 Improvement of methods or data for environmental impact assessment , 5.3 Social acceptance and trust/public perception of raw materials	REVIVING abstract	REVIVING – revisiting mine tailings to innovate metals biorecovery	University of Coimbra	Portugal - FCT	36 months	€1,151,588	€707,002
				National Institute of Research and Development for Biological Sciences	Romania - UEFISCDI			
				Beralit Tin and Wolfram Portugal	Portugal - FCT			
				ACPMR-ASSOCIAÇÃO CLUSTER PORTUGAL MINERAL RESOURCES	Portugal - FCT			
				IGE UMR 5001, CNRS, G-INP, IRD, Universite Grenoble Alpes	France - ANR			
				CUPRUMIN S.A.	Romania - UEFISCDI			
				C.N.C.A.F. MINVEST SA DEVA	Romania - UEFISCDI			
				DKM Control Limitada	Portugal - FCT			

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4. Recycling and Re-use of End-of-Life products	3.2 Increase resource efficiency through recycling of residues or remanufacturing of used products and components	SMART-G abstract	Smart Geopolymers	Vrije Universiteit Brussel	Belgium/Brussels region - Innoviris	24 months	€1,085,926	€899,139
				University of Aveiro	Portugal - FCT			
				MNLT Innovations GP	Greece - GSRT			
				Cracow University of Technology	Poland - NCBR			
				Przedsiębiorstwo Budowlano-Produkcyjne Łępprzem Sp. z o.o	Poland - NCBR			
				IESL/FORTH	Greece - GSRT			
				ResourceFull	Belgium/Flanders - Hermesfonds /VLAIO			
				Mytilineos S.A.	Greece - GSRT			
	4.2 End-of-life products pre-processing: pre-treatment, dismantling, sorting, characterisation, 4.3 Recovery of raw materials from End-of-life products	BaCLEM abstract	Bio-assisted Closed loop recycling of E-Mobility Metals from waste PCBs and Li-Ion Batteries	Suleyman Demirel University (SDU)	Turkey - TUBITAK	36 months	€866,406	€807,793
				Université de Liège	Belgium/Wallonia - SPW-Wallonia			
Institut de Physique du Globe de Paris				France - ANR				
EXITCOM RECYCLING				Turkey - TUBITAK				
SYNGULON				Belgium/Wallonia - SPW-Wallonia				

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4. Recycling and Re-use of End-of-Life products	4.3 Recovery of raw materials from End-of-life products, 5.3 Social acceptance and trust/public perception of raw materials	ANTISOLVO abstract	Antisolvent precipitation to extract the value from end-of-life Nd-Fe-B magnets	KU Leuven	Belgium/Flanders - FWO	36 months	€660,000	€660,000
				KTH Royal Institute of Technology	Sweden - Vinnova			
				Jožef Stefan Institute	Slovenia – MIZS			
5. Cross-Cutting Topics	4.3 Recovery of raw materials from End-of-life products, 5.1 New business models, 5.2 Improvement of methods or data for environmental impact assessment	ELIMINATE abstract	End-of-life Li-ion battery management integration and technology evaluation	Stellenbosch University	South Africa - DST	36 months	€668,136	€647,896
				IVL Swedish Environmental Research Institute	Sweden - Vinnova			
				Karadeniz Technical University (KTU)	Turkey - TUBITAK			
				Chalmers University of Technology	Sweden - Vinnova			
				Exitcom Recycling electronic recycling and battery recycling	Turkey - TUBITAK			
	5.1 New business models, 5.2 Improvement of methods or data for environmental impact assessment	PROPER abstract	New sustainability metrics to improve recycling PROcess PERformances regarding resource use, environmental impacts and economic benefits	BRGM	France - ADEME	36 months	€442,844	€250,835
				RDC Environment	Belgium/Brussels region - Innoviris			
Extractive Ceramics Recycling				France - ADEME				