ERA-MIN Joint Call 2018 - Raw materials for the sustainable development and the circular economy

Main call topic	Sub-topic areas	Project acronym/ abstract	Project title	Coordinator (partner 1) and consortium partners	Participating countries - Funding organisations	Duration	Total Costs	Total Requested Funding
1. Supply of raw materials from exploration and mining	1.2 Mining operations	**MIWACUT**	Investigating the microwave assisted cutting of carbonate rocks	Hacettepe University	Turkey - TUBITAK	36 months	271.650 €	182.300 €
				University of Petrosani	Romania - UEFISCDI			
				University of Ankara	Turkey - TUBITAK			
				PAMUKKALE UNIVERSITY	Turkey - TUBITAK			
				Nigde Omer Halisdemir University	Turkey - TUBITAK			
				KEMPAR Ltd.	Turkey - TUBITAK			
	1.1 Exploration 5.2 Improvement of methods or data for environmental impact assessment	**AUREOLE**	tArgeting eU cRitical mEtals (Sb, W) and predictability of Sb-As-Hg envirOnmentaL issuEs	Bureau de Recherches Géologiques et Minières	France - ANR	36 months	1.113.697 €	454.122 €
				Institut des Sciences de la Terre d'Orléans (ISTO)	France - ANR			
				University of Castilla-La Mancha	Spain - AEI			
				University of Porto - FCUP	Portugal - FCT			
				Antea Group	France - ANR			

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2. Design	1.3 Mine closure and reclamation 2.1 Product design for increased raw material efficiency 2.2 Product design for reuse or extended durability of products 2.3 Product design to promote recycling 2.4 Product design for critical materials substitution 5.2 Improvement of methods or data for environmental impact assessment	**MINECO**	New Eco-innovative Materials for Mining Infra	Kajaani University of Applied Sciences	Finland – Business Finland	36 months	1.285.861 €	779.187 €
				ECOnsulting Oy	Finland – Business Finland			
				UTAD- University of Trás-os-Montes e Alto Douro	Portugal - FCT			
				University of Porto - Faculty of Engineering	Portugal - FCT			
				Ecolan Oy	Finland – Business Finland			
				Soilmetric Oy	Finland – Business Finland			
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	**Sb-RECMEMTEC**	Electro-electrodialysis technology on the copper minerals processing industry to the recovery of antimony from mining tailings and recycling the solution media	Universidade Federal do Rio Grande do Sul	Brazil - Finep	36 months	1.185.595 €	577.900 €
				Universidad de Santiago de Chile	Chile - CONICYT			
				Universitat Politècnica de Valencia	Spain - AEI			
				ASPEUR / Feevale	Brazil - Finep			
				Transducto S.A.	Chile - CONICYT			

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3. Processing, Production and Remanufacturing	3.1 Increase resource efficiency in resource intensive production processes	**MiCCuR**	Microbial Consortia for enhanced Copper Recovery	Linnaeus University	Sweden - Vinnova	36 months	1.616.153 €	1.258.406 €
				Technische Universität Bergakademie Freiberg	Germany - BMBF / Juelich			
				Ruhr University Bochum	Germany - BMBF / Juelich			
				University of Cape Town	South Africa - DST			
				Pontificia Universidad Católica de Chile	Chile - CONICYT			
				G.E.O.S. Ingenieurgesellschaft mbH	Germany - BMBF / Juelich			
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 4.3 Recovery of raw materials from End-of-life products 5.1 New business models	**RedOxRec**	Reduction/ Oxidation Recycling	Robert Bosch GmbH	Germany - BMBF / Juelich	36 months	1.619.617 €	1.132.835 €
				Forschungszentrum Jülich GmbH	Germany - BMBF / Juelich			
				National Institute of Chemistry	Slovenia - MIZS			
				University of Antwerp	Belgium / Flanders - FWO			

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4. Recycling and Re-use of End-of-Life products	4.2 End-of-life products pre-processing: pre-treatment, dismantling, sorting, characterisation 4.3 Recovery of raw materials from End-of-life products	**NEXT-LIB**	Novel Circular Economic Approaches for Efficient Extraction of Valuables from Spend Li-Ion Batteries	Swerim AB	Sweden - Vinnova	36 months	1.529.684 €	1.227.517 €
				Luleå University of Technology	Sweden - Vinnova			
				Extracthive	France - ADEME			
				INSTM- RU University Mediterranea of Reggio Calabria	Italy – Calabria Region			
				Geological Survey of Finland (GTK)	Finland – Business Finland			
				CEA	France - ADEME			
				uRecycle Battery Materials Oy Filial i Sverige	Sweden - Vinnova			
				Faculdade de Ciências da Universidade do Porto	Portugal - FCT			
				Boliden	Finland – Business Finland			
	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	**Siderec**	Siderophores assisted Biorecovery of Technology Critical Elements: Gallium (Ga), germanium (Ge) and indium (In) from end-of-life products	Institut de Physique du Globe de Paris	France - ANR	36 months	835.325 €	781.285 €
				Universidad Catolica del Norte	Chile - CONICYT			
				Helmholtz-Zentrum Dresden-Rossendorf	Germany - BMBF / Juelich			
				ASA Spezialenzyme GmbH	Germany - BMBF / Juelich			
Main call topic	**Sub-topic areas**	**Project**	**Project title**	**Coordinator (partner 1) and**	**Participating countries -**	**Duration**	**Total Costs**	**Total**

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		acronym/ abstract		consortium partners	Funding organisations			Requested Funding
4. Recycling and Re-use of End-of-Life products	4.3 Recovery of raw materials from End-of-life products	**LIMEX**	Innovative Membrane Extraction of Lithium for Spent Lithium-Ion Battery Recycling	CNRS	France - ANR	36 months	793.294 €	578.389 €
				Chalmers University of Technology	Sweden - Vinnova			
				University of Porto	Portugal - FCT			
				Euro Dieuze Industrie	France - ADEME			
	2.1 Product design for increased raw material efficiency 2.3 Product design to promote recycling 2.4 Product design for critical materials substitution 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 5.1 New business models 5.2 Improvement of methods or data for environmental impact assessment 5.3 Social acceptance and trust/public perception of raw materials	**RECEMENT**	Re-generating (raw) materials and end-of-life products for re-use in Cement/Concrete	Sabanci University	Turkey - TUBITAK	36 months	482.720 €	482.720 €
				University of Ljubljana	Slovenia - MIZS			
				Jozef Stefan Institute	Slovenia - MIZS			
				University Politehnica from Bucharest	Romania - UEFISCDI			

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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	**LICOBAT**	Lithium and Cobalt recovery from batteries coming from the reverse logistics chain of WEEE	Centro da Tecnologia da Informação 'Renato Archer'	Brazil - Finep	30 months	855.241 €	545.854 €
				BIOSYS - Gestão em Meio Ambiente Ltda.	Brazil - Finep			
				Ecosistem srl	Italy – Calabria Region			
	2.3 Product design to promote recycling 2.4 Product design for critical materials substitution 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 5.1 New business models 5.2 Improvement of methods or data for environmental impact assessment	**SupplyPBM**	Securing the Supply chain for rare earth Polymer-Bonded Magnets by recycling	Fraunhofer ISC, Project Group IWKS	Germany - BMBF / Juelich	24 months	1.090.666 €	834.370 €
				Veekim AG	Germany - BMBF / Juelich			
				ARELEC	France - ADEME			
				ICMCB / CNRS	France - ANR			
				Université de Bordeaux (ISM)	France - ANR			