Objective

METGROW+ will address and solve bottlenecks in the European raw materials supply by developing innovative metallurgical technologies for unlocking the use of potential domestic raw materials. The METGROW+ consortium has received an EIP RM Commitment status. The consortium is supported by internationally respected research institutes and universities. Many of the partners (9) are members of EIT KIC Raw Materials consortium as well.

The value chain and business models for metal recovery from low grade ores and wastes are carefully looked after. Within this project, both primary and secondary materials are studied as potential metal resources. Economically important nickel-cobalt deposits and low grade polymetallic wastes, iron containing sludges (goethite, jarosite etc.) which are currently not yet being exploited due to technical bottlenecks, are in focus.

Concurrently, METGROW+ targets innovative hydrometallurgical processes to extract important metals including Ni, Cu, Zn, Co, In, Ga, Ge from low grade ores in a
cost-effective way. In addition a toolbox for metallurgical system is created in the project using new methods and combinations. The unused potential of metal containing fine grained industrial residues are evaluated, while hybrid and flexible hydrometallurgical processes and treatment methods of fines are developed for both materials. Training and education of new professionals are facilitated within the METGROW+ project. The knowledge of raw materials and sustainable technologies will attract new talents in the field who can flexibly change fields from treatment of secondary to primary resources, which also smoothens the economic ups and downs in the primary sector.

Programme(s)

Topic(s)

Call for proposal

H2020-SC5-2015-one-stage

Funding Scheme

RIA - Research and Innovation action

Coordinator

Teknologian tutkimuskeskus VTT Oy

Address

Vuorimiehentie 3
02150 Espoo
Finland

Website

Contact the organisation

Participants (18)

ARCHE

Belgium

€ 182 500

Address

Liefkensstraat 35D

Activity type

Private for-profit entities
OPTIMIZACION ORIENTADA A LA SOSTENIBILIDAD SL
Spain
EU contribution
€ 444 625
Address
Avenida Leonardo Da Vinci 18
Piso 2
41092 Sevilla
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

IDP INGENIERIA Y ARQUITECTURA IBERIA SL
Spain
EU contribution
€ 251 593,75
Address
Avenida Francesc Macia 60 3 Planta
08208 Sabadell Barcelona
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

SIEC BADAWCZA LUKASIEWICZ - INSTYTUT METALI NIEZELAZNYCH
Poland
EU contribution
€ 657 000
Address
Sowinskiego 5
44 100 Gliwice
Activity type
Research Organisations

KATHOLIEKE UNIVERSITEIT LEUVEN
Belgium
EU contribution
€ 681 651,25
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**JM RECYCLING NV**
- **Belgium**
- **EU contribution**: € 10 000
- **Address**: Ekkelgaarden 16
- **Activity type**: Private for-profit entities (excluding Higher or Secondary Education Establishments)
- **Website** [Link to website]
- **Contact the organisation** [Contact organisation]

**OUTOTEC (FINLAND) OY**
- **Finland**
- **EU contribution**: € 676 100
- **Address**: Rauhalanpuisto 9
- **Activity type**: Private for-profit entities (excluding Higher or Secondary Education Establishments)
- **Website** [Link to website]
- **Contact the organisation** [Contact organisation]

**RISE RESEARCH INSTITUTES OF SWEDEN AB**
- **Sweden**
- **EU contribution**: € 399 862,50
- **Address**: Brinellgatan 4
- **Activity type**: Research Organisations
- **Website** [Link to website]
- **Contact the organisation** [Contact organisation]

**FUNDACION TECNALIA RESEARCH & INNOVATION**
- **Spain**
- **EU contribution**: €598 500
Parque Científico Y Tecnológico De Gipuzkoa
Paseo Mikeletegi 2
20009 Donostia/san Sebastian (Gipuzkoa)

Activity type: Research Organisations

EU contribution: € 598 500

Website

Contact the organisation

POLYTECHNEIO KRITIS

Greece

EU contribution: € 481 375

Address:
Building E4, Technical University Campus
Counoupidiana
731 00 Chania

Activity type: Higher or Secondary Education Establishments

Contact the organisation

UNIVERSITEIT GENT

Belgium

EU contribution: € 490 306,25

Address:
Sint Pietersnieuwstraat 25
9000 Gent

Activity type: Higher or Secondary Education Establishments

Website

Contact the organisation

VLAAMSE INSTELLING VOOR TECHNOLOGISCH ONDERZOEK N.V.

Belgium

EU contribution: € 981 393,75

Address:
Boeretang 200
2400 Mol

Activity type: Research Organisations

Website

Contact the organisation

HELLENIC COPPER MINES LIMITED

Cyprus
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Last update: 11 July 2020  
Record number: 199025

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