Cost-effective, sustainable and responsible extraction routes for recovering distinct critical metals and industrial minerals as by-products from key European hard-rock lithium projects

Fact Sheet

Project Information

EXCEED
Grant agreement ID: 101091543

DOI
10.3030/101091543

Funded under
Digital, Industry and Space

Total cost
€ 12 331 330,00

EU contribution
€ 11 178 103,51

Coordinated by
TEKNOLOGIAN
TUTKIMUSKESKUS VTT OY
Finland

Project description

A new paradigm for primary (Li) mining in Europe

The EU is almost entirely dependent on importing rare earths and lithium (Li) for batteries needed to decarbonise the energy and mobility sectors. This is surprising considering Europe has 27 Li hard-rock (pegmatite and rare-metal granite) deposits. One explanation is the reluctance among Europeans to conduct primary (Li) mining in Europe, despite their enthusiasm about electric vehicles. The EU-funded EXCEED
项目将开发一种新的采矿理念，以实现零废物、多金属/矿物采矿。这将结合可持续矿物加工，以提供来自芬兰、法国、葡萄牙和英国的四座锂矿的额外关键原材料和工业矿物。EXCEED的长期影响包括在其解决方案复制到其他23个欧洲pegmatite和稀有金属花岗岩矿床。
TEKNOLOGIAN TUTKIMUSKESKUS VTT OY

Net EU contribution
€ 1 382 341,00

Address
Tekniikantie 21
02150 Espoo
Finland

Region
Manner-Suomi > Helsinki-Uusimaa > Helsinki-Uusimaa

Activity type
Research Organisations

Links
Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,25

Participants (14)

IMERYS

France

Net EU contribution
€ 312 637,50

Address
43 quai de grenelle
75015 Paris

Region
Ile-de-France > Ile-de-France > Paris

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network
CASPEO SARL

France

Net EU contribution
€ 333 025,00

Address
Avenue claude guillemin 3
45060 Orleans

SME
Yes

Region
Centre — Val de Loire > Centre — Val de Loire > Loiret

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network

Other funding
€ 142 725,00

INSTITUT DE L'INNOVATION DURABLE -SUSTAINABLE INNOVATION INSTITUTE

France

Net EU contribution
€ 398 750,00

Address
14 rue andre del sarte
75018 Paris

Region
Ile-de-France > Ile-de-France > Paris
KELIBER TECHNOLOGY OY
Finland
Net EU contribution
€ 237 562,50
Address
Toholammintie 496
69600 Kaustinen
Region
Manner-Suomi > Pohjois- ja Itä-Suomi > Keski-Pohjanmaa
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network
Other funding
€ 101 812,50

BETOLAR OYJ
Finland
Net EU contribution
€ 410 900,00
Address
Mannilantie 9
43300 Kannonkoski
SAVANNAH LITHIUM LDA
Portugal
Net EU contribution
€ 116 108,13
Address
Rua jose eigenmann 90
4715 199 Braga
Region
Continente > Norte > Câvado
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network
Other funding
€ 49 760,62

DYNAMIC & SECURITY COMPUTATIONS SL
Spain
Net EU contribution
Address
Calle fermin caballero 54 semisotano 1-1
28034 Madrid

SME
Yes

Region
Comunidad de Madrid > Comunidad de Madrid > Madrid

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 161 062,50

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WIENERBERGER NV
Belgium

Net EU contribution
€ 462 240,63

Address
Kapel ter bede 121
8500 Kortrijk

Region
Vlaams Gewest > Prov. West-Vlaanderen > Arr. Kortrijk

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 198 103,12
UNIVERSITE DE LORRAINE

France
Net EU contribution
€ 1 799 250,00

Address
Cours leopold 34
54052 Nancy cedex

Region
Grand Est > Lorraine > Meurthe-et-Moselle

Activity type
Higher or Secondary Education Establishments

Links
Contact the organisation  Website  Participation in EU R&I programmes  HORIZON collaboration network

Other funding
€ 0,00

KATHOLIEKE UNIVERSITEIT LEUVEN

Belgium
Net EU contribution
€ 1 655 000,00

Address
Oude markt 13
3000 Leuven

Region
Vlaams Gewest > Prov. Vlaams-Brabant > Arr. Leuven

Activity type
Higher or Secondary Education Establishments

Links
Contact the organisation  Website  Participation in EU R&I programmes  HORIZON collaboration network
GEOLOGIAN TUTKIMUSKESKUS

Finland

Net EU contribution

€ 1 346 128,75

Address

Vuorimiehentie 5
02151 Espoo

Region

Manner-Suomi > Helsinki-Uusimaa > Helsinki-Uusimaa

Activity type

Research Organisations

Links

Contact the organisation  Website  Participation in EU R&I programmes  HORIZON collaboration network

Other funding

€ 0,00

OULUN YLIOPISTO

Finland

Net EU contribution

€ 1 065 522,50

Address

Pentti kaiteran katu 1
90014 Oulu

Region

Manner-Suomi > Pohjois- ja Itä-Suomi > Pohjois-Pohjanmaa

Activity type

Higher or Secondary Education Establishments

Links
POLYTECHNEIO KRITIS

Greece

Net EU contribution
€ 840 250,00

Address
Building e4, technical university campus counoupidiana
731 00 Chania

Region
Ηησιά Αιγαίου > Κρήτη > Χανιά

Activity type
Higher or Secondary Education Establishments

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

MEAB CHEMIE TECHNIK GMBH

Germany

Net EU contribution
€ 442 575,00

Address
Dennewartstrasse 25
52068 Aachen

SME
Yes

Region
Nordrhein-Westfalen > Köln > Städteregion Aachen

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network

Other funding
€ 189 675,00

EC signature date 29 November 2022
Last update: 19 January 2023

Permalink: https://cordis.europa.eu/project/id/101091543

European Union, 2023