



# FRAME

FORECASTING AND ASSESSING EUROPE'S  
STRATEGIC RAW MATERIALS NEEDS

## DELIVERABLE D5.4

Map of Cobalt, graphite,  
lithium deposits (including  
deposits where cobalt is a  
significant by product



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 731166





# FRAME

FORECASTING AND ASSESSING EUROPE'S  
STRATEGIC RAW MATERIALS NEEDS

## Table of Contents

1. Introduction.....	5
2. Web maps of lithium , cobalt and graphite occurrences in Europe .....	5
<b>Appendix 2 Map of lithium occurrences in Europe.....</b>	<b>2</b>
<b>Appendix 3 Map of cobalt occurrences in Europe.....</b>	<b>3</b>
<b>Appendix 4 Map of graphite occurrences in Europe .....</b>	<b>4</b>





# FRAME

FORECASTING AND ASSESSING EUROPE'S  
STRATEGIC RAW MATERIALS NEEDS

<b>Project:</b>	Forecasting and Assessing Europe's Strategic Raw Materials needs
<b>Acronym:</b>	FRAME
<b>Grant Agreement:</b>	731166
<b>Funding Scheme:</b>	Horizon 2020
<b>Webpage:</b>	<a href="http://www.frame.lneg.pt">www.frame.lneg.pt</a>
<b>Work Package:</b>	5
<b>Work Package Leader:</b>	Håvard Gautneb, Eric Gloaguen, Toumo Törmänen. .
<b>Deliverable Title:</b>	Map of Cobalt, graphite, lithium deposits (including deposits where cobalt is a significant by product.
<b>Deliverable Number:</b>	5.4
<b>Deliverable Leader:</b>	Håvard Gautneb
<b>Involved beneficiaries:</b>	NGU, GTK, BRGM, SGU, LNEG, CGS, GSI, HGI-CGS, HSGME, IGME, MBFSZ, GeoInform-GIU, IGR, GeoZS, ,
<b>Dissemination level:</b>	Report
<b>Version:</b>	1.0
<b>Status:</b>	FINAL
<b>Authors:</b>	Håvard Gautneb, Eric Gloaguen, Toumo Törmänen. Aurete Pereira, Martiya Sadeghi
<b>Reviewed by:</b>	Daniel de Oliveira
<b>Approved by:</b>	Daniel de Oliveira; 26/05/2021





# FRAME

FORECASTING AND ASSESSING EUROPE'S  
STRATEGIC RAW MATERIALS NEEDS

## Disclaimer

The contents of this document are the copyright of the FRAME consortium and shall not be copied in whole, in part, or otherwise reproduced (whether by photographic, reprographic or any other method), and the contents thereof shall not be divulged to any other person or organization without prior written permission. Such consent is hereby automatically given to all members who have entered into the FRAME Consortium Agreement, dated 01.07.2018, and to the European Commission to use and disseminate this information.

This information and content of this report is the sole responsibility of the FRAME consortium members and does not necessarily represent the views expressed by the European Commission or its services. Whilst the information contained in the documents and webpages of the project is believed to be accurate, the author(s) or any other participant in the FRAME consortium makes no warranty of any kind with regard to this material.



## 1. Introduction

The deliverable D5.4 “*Map of Cobalt, graphite, lithium deposits (including deposits where cobalt is a significant by product)*”, is a technical report for a product where the actual deliverable is a web map and associated data. A description of the data collection, interpretation, description of the geology, metallogeny and resource potential is reported and described in the deliverable D5.3.

## 2. Web maps of lithium, cobalt and graphite occurrences in Europe.

The maps can be seen at EDGI platform in the following link:

[EGDI \(geus.dk\)](https://geus.dk)

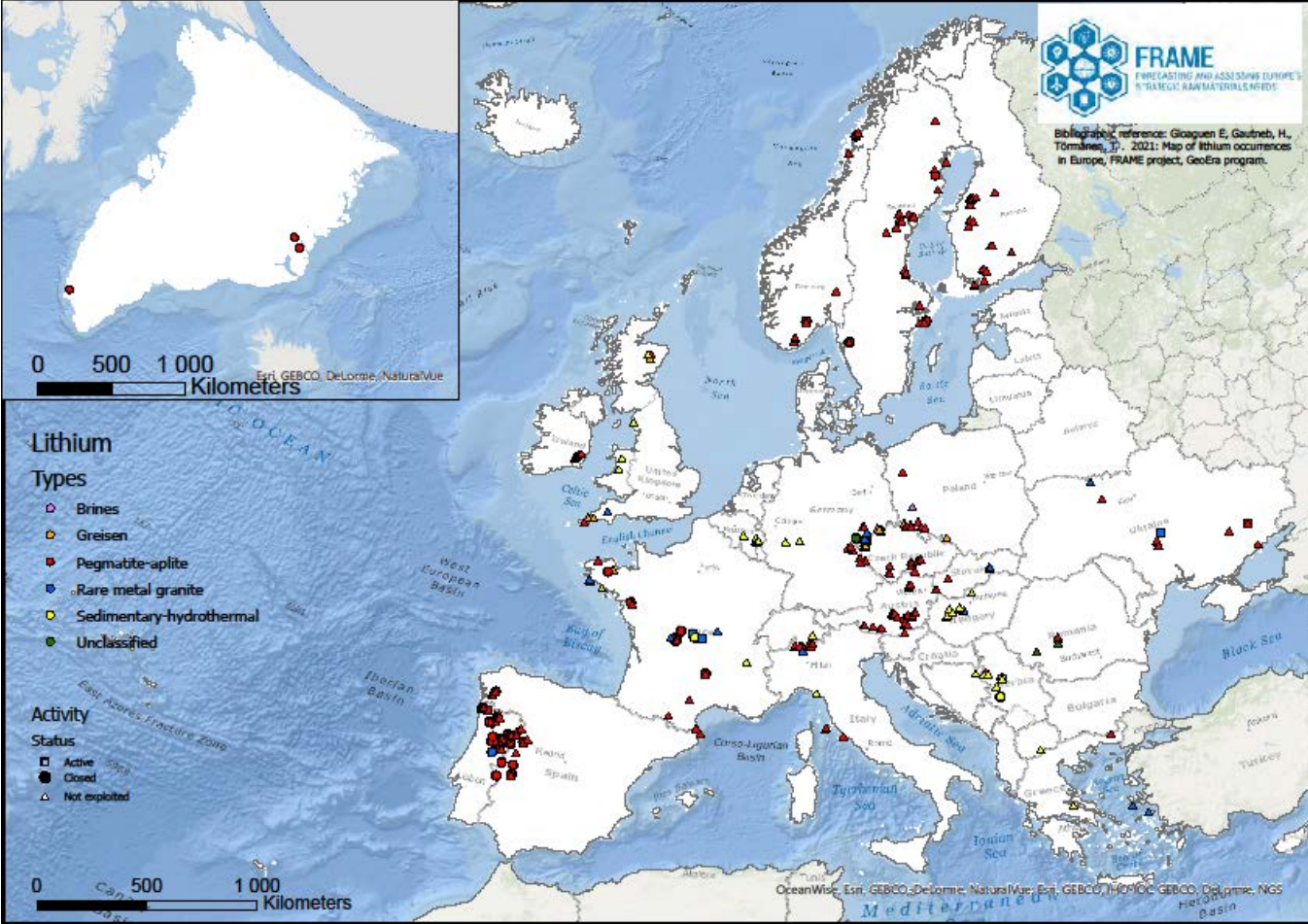
Under Mineral Categories and Energy Critical Elements

Pdf of the maps are available and can be downloaded in the link provided above.

The maps are also shown in Appendix 1, 2 & 3.



Appendix 1 Map of lithium occurrences in Europe.





Appendix 3 Map of graphite occurrences in Europe

