



## **Metal Recovery from Low Grade Ores and Wastes Plus**

**D7.1**

**Project and public website**



EUROPEAN UNION

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 690088.

Public

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## Executive Summary

One of the main tools for project dissemination and exploitation activities is the project website, thus it has been created ([www.metgrowplus.eu](http://www.metgrowplus.eu)) in order to make easier cooperation between partners and the exchange of knowledge related to the project (not only among project partners, but also with wider public).

Issues covered by the website are summarised in the present deliverable, describing in detail the content of each part. In order to maximise as much as possible the benefit from all the possibilities that the website provides several areas have been created. Specifically, a public area and a partner private area have been defined. Moreover, descriptions about website structure and other important aspects such as update procedures are provided as well. The public area provides a project overview, i.e. general information on the project and main WP structure. In addition, partners' logos and names with a link to their websites, and a download area have been included. The download area allows the user to have access to important information such as dissemination material, public deliverables and publications. The partner private area is a document sharing tool, thus providing the chance of exchange information and all other important activities related to information handling within the consortium.

Finally, a Contact option as well as a mail subscription possibility have been included in order to allow wider audience connecting with this project consortium.



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## 1. Introduction

This deliverable provides information about project website content and main technical details concerning project website deployment. Sections are described and a caption of the website is provided. Project website is part of the different communication tools to be used within the frame of the project for dissemination and exploitation of project results.

## 2. Planned Criteria

According to the Annex I from the project Grant Agreement, the following planned criteria are stated:

Content: This deliverable summarises all the information related to the project website, its functionalities, private and public features.

Schedule: due date - month 3

Partners involved: IDENER

## 3. Design, structure and implementation

As part of initial dissemination activities IDENER has implemented this project website ([www.metgrowplus.eu](http://www.metgrowplus.eu)). The website has been designed to reflect the project concept and also to increase the impact of project results. Project logo has been included as well as basic information divided in sections in order to provide a clean and functional website design.

Concerning the structure, a public area and a partner private area have been defined. The public area provides a project overview, i.e. general information on the project, objectives and impact. In addition, partners' names and logos with a link to their websites and a download area have been included. The download area allows the user to have access to important information such as dissemination material, public deliverables and publications. The partner private area is a document sharing tool, related to information handling within the consortium. Additionally, a Contact option as well as a Mail subscription possibilities have been included in order to make available to wider audience to connect with this project consortium.

Furthermore, and in order to provide evidence of EU funding, both the EU logo and the following sentence are included in the website: "METGROW+ is a project funded by the European Commission. This project has received funding from the European Union's Horizon 2020 Research and Innovation program under Grant Agreement n° 690088"



Finally and regarding the implementation, the website has been produced considering two modules, the public one and the private area. The public webpage has been coded in HTML and PHP using a WordPress template. The private area has been implemented by customising some proprietary modules.

## **4. Public area**

Information about the project structure, the consortium, project results and dissemination activities has been structured within the public area in the sections that will be described next.

### **4.1 Home**

Project concept is depicted in this section, including a figure summarising main material streams to be treated in the project. Thus, the user can have at a glance information about main materials, main metals to be recovered and research to be conducted.

### **4.2 About**

This section contains the information about the project. In order to present it in a user-friendly way, three subsections have been created.

#### **4.2.1 The project**

The solution proposed in the project is described and a figure is provided in order to clarify how the toolbox would work. Main innovations to be brought are summarised as well so the user can have a clear idea about project results and how they will be achieved.

#### **4.2.2 Objectives**

Main objectives of the project are listed and described. As a support to the information presented, a figure summarises main primary and secondary resources containing base and critical metals. This figure gathers also information about the different WPs and how they interrelate with the different process units, materials and value chain to be implemented thanks to METGROW+ toolbox.

#### **4.2.3 Expected impact**

To complement the previous information, the expected impact of the project is presented as well. Aside from the information provided through text, a figure summarising yearly production rates of the material streams to be studied through METGROW+ project is provided. This helps the user to get an idea of the potential EU impact of project results.



### **4.3 Partners**

Under this section a list of project partners is provided. In addition and in order to make more info available to the user, a logo from each participant has been included. By clicking this logo the user will be redirected to partner's website. This way the project website could act as a launching platform, increasing partners' visibility across the R&D sector in Europe and in the innovation market as well.

### **4.4 News & Events**

This section will cover news and events related to the project and will be updated often with new information in order to keep the audience aware of this project progress as well as about potential events or news that could be interesting due to its relation with project topic.

Concerning the news, meetings execution, important milestones achieved as for proper project execution and any other relevant information about project ongoing will be included here. Furthermore, press Releases as well as articles that have been published about the project will be also gathered under this section. Finally, events related to the project such as meetings, workshops or conferences will be scheduled and described in order to contribute to proper project dissemination.

### **4.5 Download**

This section will gather all the material available to the user. In order to have the information categorised so the user can find and download the material easily, several subsections have been included. A brief description of them is provided next.

#### **4.5.1 Dissemination material**

Material considered to be helpful to the project results to be generated dissemination will be available here. Particularly, brochures, logo and all the documents aimed to construct the corporative image of the project will be gathered under this subsection.

#### **4.5.2 Public deliverables**

According to the Grant Agreement and the Annex I – Description of Activities, several deliverables to be produced will be public, thus increasing the dissemination impact of the results to be generated. In order to make it available to the user, they will be published under this section and the download option will be set up.

#### **4.5.3 Publications**

Under this subsection all the publications related to the project will be gathered. Due to the wide audience expected to be reached not only links to articles in





popular press are expected, but also scientific publications in scientific journals, conferences or congresses. When available, full paper and /or abstract download possibility will be set up as well.

## 5. Subscribe

This section will allow website users to subscribe to the project mailing list. This will provide them the opportunity to:

- Participate in an interdisciplinary community dealing with extractive metallurgy from complex, low-grade sources
- Receive project e-newsletter
- Download public documents on a range of topics related to extractive metallurgy from complex, low-grade sources

In order to complete the subscription, the user has to provide Name, Family name, Organisation and Email.

## 6. Contact

This section provides information about the email address where website users can address their mails in order to establish contact with the project consortium. The mail address is [contact@metgrowplus.eu](mailto:contact@metgrowplus.eu).

## 7. Private area

This website area is restricted to project partners. By entering this area, the **partners will have access to a document sharing platform**, a tool that will allow them to exchange electronic documents related to the project, thus enhancing cooperation and collaboration within the project. The **tool** includes a content repository integrated in the project page, accessible only to registered users.

The following info will be also made available to all the partners so everybody in the consortium can have access to project official documents:

- Project Grant Agreement
- Deliverables
- Meetings
- Project info



- Others

## **8. Content updates and maintenance**

IDENER involved staff will be responsible for driving website updates on a regular basis, collaborating closely with the head of the WP7 devoted to dissemination activities. Specifically, news will be updated monthly and press releases, publications and deliverables will be posted in a timely manner as well. Additionally, the website backend (web server) is maintained by IDENER staff.

Regarding partners' information included in the website, each METGROW+ member is responsible for and has the administrative rights to make modifications to the information related to its specific institution.

## **9. Technical implementation**

### **9.1 Domain**

As for the project public address, the domain name "metgrowplus.eu" has been registered. This transaction has been done via OVH (www.ovh.es) name registration procedure. The registration was performed 2016-14-03 and the domain is valid until 2017-14-03. The domain reservation will be renewed on a yearly basis.

### **9.2 Server**

The two modules of the website have been deployed into a virtual private server hosted by OVH service provided.

### **9.3 Database**

A private database has been deployed in secured using OVH database infrastructure.

### **9.4 Data Back-up**

An automatic backup is performed at 00:00 CET on a daily basis by the dedicated server. In addition a weekly backup is performed by personnel.

## **10. Website overview**

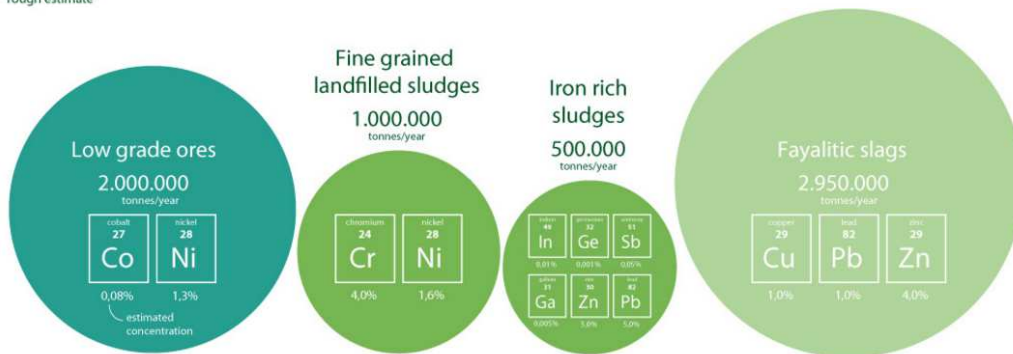
A screen capture of project website is provided next, particularly, of the "Home" section. Indications about different sections have been added to the screen caption.





## Material streams in METGROW+ project: yearly production rates in the EU

\*rough estimate



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. Within this project, both primary and secondary materials are studied as potential metal resources. Economically important nickel-cobalt deposits, low grade polymetallic wastes and iron containing sludges (goethite, jarosite,

etc.) which are currently not yet being exploited due to technical bottlenecks are in focus. Concurrently, METGROW+ targets innovative processes to extract important metals including Ni, Cu, Zn, Co, In, Ga, Ge in a cost-effective way. As project main output, a toolbox for metallurgical systems development is created in the project using new methods and combinations.



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## 11. Deliverable summary

<b>Deliverable Name:</b>
Deliverable success rate: This deliverable has been completed with a 100% success rate in line with planned criteria summarized in section 2 of this document.
Recommendations for the coming deliverables: No comments.

