



***MSP-REFRAM***

*Coordination and Support Action (CSA)*

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 688993.

Start date : 2015-12-01 Duration : 19 Months



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**12 months project report**

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MSP-REFRAM - Contract Number: 688993  
Multi-Stakeholder Platform for a Secure Supply of Refractory Metals in Europe

Document title	12 months project report
Author(s)	Mr. Bastien DUPLANTIER
Number of pages	2
Document type	Deliverable
Work Package	WP8
Document number	D8.4
Issued by	LGI
Date of completion	2017-02-10 15:33:07
Dissemination level	Public

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### Summary

12 months project report

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### Approval

Date	By
2017-02-10 15:38:57	Mr. BOURG STÉPHANE (CEA)
2017-02-10 15:39:03	Mr. BOURG STÉPHANE (CEA)

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## Executive summary

As planned, the three workshops were organised (May, September, and November). They allowed us to go through the different issues of the refractory metals value chains. In particular, innovation pathways have been identified on tungsten (primary resource), tantalum (secondary resource and EoL recycling) and rhenium (recycling).

Most of the work in WP2, 3, 4 and 5 is done, according to the plan.

The environmental studies are still undergoing and should be delivered by the end of January. The work is much more complex than initially plan and require further evaluation.

The first draft of the final report is written and will also be available in January

The main outputs of MSP-REFRAM will be presented at the occasion of the final conference, on March 9-10 in Brussels. Initially planned at the end of January, this event was postponed mid-March following the request of the partners. January and February are overbooked by the preparation of the projects to be submitted at H2020 and EIT-RM calls. This also gives more flexibility for finalizing the environmental studies and the innovation pathways analysis.

## Work Package 1

D1.1: the deliverable has been checked but it needs to be rejected so that the author can upload the new document that was approved.

D1.3: the deliverable is ready to be submitted.

D1.6: the deliverable has been checked but it needs to be rejected so that the author can upload the new document that was approved.

D1.1, D1.3 and D1.6 have been finalized and will be submitted. The challenge is on D1.4 and the identification on innovation pathways, with relevant figures. Tantalum required more work than the other metals because of the incoherence in the available data. Two reports have been ordered at Roskill and IndexBox to improve the quality of the work. This will delay the deliverable until February

The final conference is under preparation. It will be held in Brussels on March 9-10.

## Work Package 2

But D2.4, all the work is now finalized. Environmental studies are the tricky part. Very data are available and it is impossible to evaluate all the different processes. The strategy for D2.4 but also D3.4 and D4.4 will be decided in December and the deliverables are postponed to February (draft in January to be used in D6.3)

## Work Package 3

WP3 is in the same situation than WP2. Most of the information is now available for the environmental studies but reference cases have to be selected.

## Work Package 4

WP4 is in the same situation than WP2. Most of the information is now available for the environmental studies but reference cases have to be selected.

## Work Package 5

The studies for D5.2 progress well. The draft version will be ready early January for contributing to D6.3

## Work Package 6

For the preparation of the final report as a draft D6.3, the ERECON report should be taken into consideration as a model (document available on PROMETIA's website). The First draft will be delivered early January, the second draft early March.

If we distribute a report (draft or not) during the final conference, the copyright problem (if any) will have to be solved at this date.

## Work Package 7

For finalizing D7.1: ADE is waiting for some answers from the regions who participated to the workshop in Burgos.

The 2<sup>nd</sup> newsletter will be published by the end of November. The third one in January to announce the Final Conference. Videos were realized and will be published too.

## Conclusions

The technical work (WP2, 3, 4,5) is finalized, but the environmental studies that are more complex than expected. The work is ongoing and the deliverables are postponed in January/February 2017.

There is no impact on the project since the final conference initially planned at the end of January is postponed mid-March.

However, all the draft documents must be ready early January to be used for preparing the first draft of the final report. The second draft will be ready for the Final Conference.

All the documents that were planned to be published before the final conference will be available by the end of February