



DISCUSSION

 $\begin{array}{c} \text{Nynke Keulen} \\ l^{\text{st}} \text{ progress meeting, Plenary} \\ \text{session} \\ 28^{\text{th}} \text{ of September} \end{array}$





SUSTAINABILITY OF MICA AFTER JAN 2018





GRANT AGREEMENT



Importantly, the fully functional **EU-RMICP** will become a key component of the EURMKB (Fig. 3), as it will provide stakeholders with the best available techniques for using data and knowledge from the IKMS, the EUMKDP and the EU-UMKDP, as its development will follow the same rules as those adopted for these modules.

- ▶ The **EU-RMICP** will notably be a self-contained system which can easily be moved to other installations / platforms such as a cloud (see for example the InGeoCloudS EU-FP7 project) or a server hosted by the European Commission, depending on the choices that will be made at the end of the project.
- ▶ The maintenance issue of fact sheets and flow sheets and of their metadata will be addressed by network building and a dedicated governance structure. The Minerals4EU network and permanent body (currently under construction) and the future European Geological Data Infrastructure (EGDI) represent efficient solutions as they are supported by the entire EuroGeoSurveys Community.
- ► MICA partners are in teams currently developing the IKMS, the EU-MKDP and the EU-UMKDP, and this ensures a final EU-RMICP product fully integrated with other components of the EURMKB.



GRANT AGREEMENT



- The exploitation activities aim at achieving stable frameworks of cooperation throughout the life-cycle of the project as well as the continuing use and maintenance of MICA outcomes after the official project termination, by transferring the acquired knowledge into the permanent Minerals Intelligence Network developed under the Minerals4EU project.
- EuroGeoSurveys and the Minerals4EU project partners have committed to establishing a Permanent European Minerals Intelligence Network running the MRKB for the EU. MICA, as defined by the scope of this call, will improve the capacity of Minerals4EU to contribute to the EURMKB. The close coordination with the Minerals4EU permanent structure and other raw materials projects will ensure the sustainability of EURMKB and maximise impacts and benefit from the use of public funds. The EURMRKB will also be integrated into the European Geological Data Infrastructure (EGDI), which will ensure further sustainability.



GRANT AGREEMENT



- The MICA platform should become part of EURMKB together with e.g. MIN4EU, Prosum and Eurare.
- The EURMKB will be integrated into EGDI
- The platform should be hosted by a cloud or a EC server
- The factsheets, flowsheets, and metadata maintenance should be organised by the network behind MIN4EU and EGDI
- Grant agreement November 2015



OTHER OPTIONS



- In stead of the EURMKB /EGDI solution...
- ...other possible scenarios that have been raised by members of the MICA consortium:
 - To subordinate the information to an existing organization or function
 - EuroGeoSurveys or to the
 - EC's DG Joint Research Centre
 - to a single or consortium of national Geological Surveys
 - to a university/consortium of universities
 - To privatise the platform into a Small-Mediumsized Enterprise, who would have the responsibility for maintaining the services



FINANCIAL ASPECTS OF SUSTAINING MICA IN THE FUTURE



• EURMKB /EGDI:

- EGDI was launched and presented to the EC in June 2016.
- EGDI will serve as the data-platform for the ERANET programme, which will start in 2017 or 2018 and will run for approximately 5 years.
- after the completion of EGDI, there is a clear commitment by EuroGeoSurvey's members to store the various geological databases on a long-term basis and make them accessible via the EGDI
- Start an SME
 - Would need a business model
 - Legal aspects
- EGS, JRC, smaller consortium of surveys and/or universities
 - Limited budget
 - One out of several items that would need to be covered



SUSTAINABILITY OF MICA AFTER JAN 2018



• EURMKB/EGDI:

- Agreed upon in the Grant Agreement
- Umbrella for similar projects
- Carried by a large part of MICA participants
- Loose agreement on updating metadata and factsheets
- Financed at least till 2022 and probably longer

Start an SME

- Self sustaining, independent of public funding
- Responsible for maintenance
- Loose of control
- EGS, JRC, smaller consortium of surveys and/or universities
 - Limited budget
 - Limited staff





ORGANISATION OF CASE STUDIES





CASE STUDIES



- Which case studies are we going to do?
- Can we link the case studies to the Platform?
- Can we use some of the case studies for dissemination?