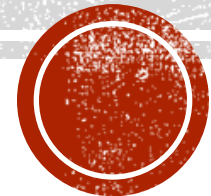


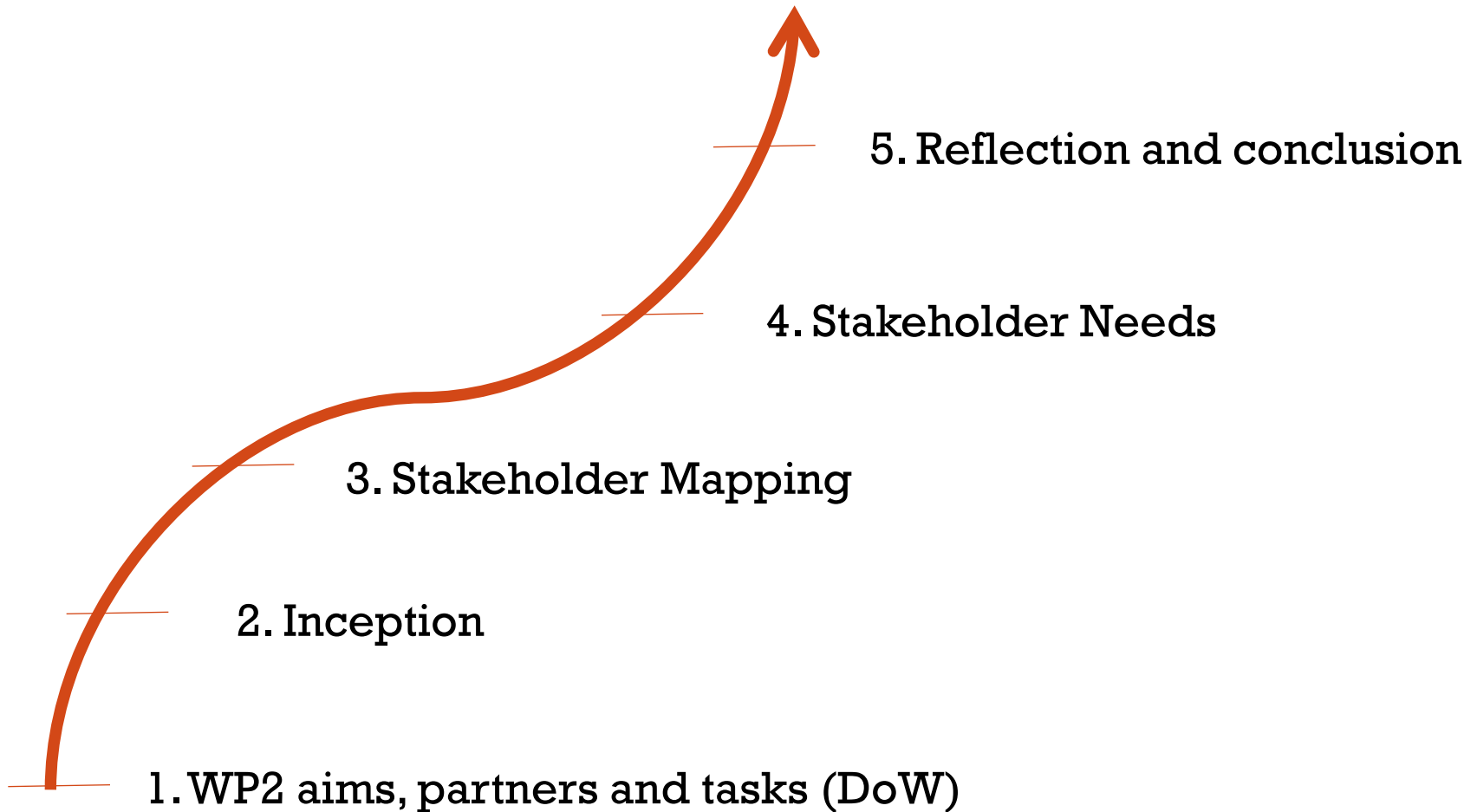
MICA WP2 NEEDS

Activities and Results



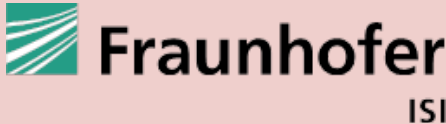
Lorenz Erdmann
3rd Consortium Meeting, 14. June 2017

 **Fraunhofer**
ISI



WP2 Needs: Stakeholder identification, appraisal and mapping of stakeholder requirements

- to provide a comprehensive inventory of relevant stakeholders,
- to explore current stakes (interests/questions) in raw material intelligence.

Lead	Beneficiaries	Linked Third Parties
	<ul style="list-style-type: none"> – WP1: GEUS – WP3: NERC-BGS – WP4: UL-CML – WP5: MinPol – WP6: BRGM – WP7: EGS <p>+ EFG and NTNU</p>	<p>Geological Surveys of Hungary (MFGI) Poland (PGI) Portugal (LNEG) Sweden (SGU)</p>

Task 2.1

Inception

Month 4



Task 2.2

Stakeholder Mapping

Month 10



Task 2.3

**Appraisal of stakeholder
needs**

Month 14



Surveys

Interviews

Workshop



- Purpose: quick and rough identification of stakeholder groups and of supposed stakeholder needs at an early stage of the project
- Preparation: analysis of **14 key projects** in the raw material domain
- Inception Meeting at 4 February 2016 in Copenhagen:
 - World Café: identification of **180 stakeholders** in the political, economic, knowledge and civil society domains
 - Plenary discussion: appraisal and assessment of **40 supposed stakeholder questions** from a WP2 partner perspective
- Documentation: MS1 in Month 4 (internal Milestone Report)



Early information of other WPs

- **Purpose:**

systematic identification & analysis of stakeholders related to Raw Material Intelligence

- **Three interlinked steps:**

- identification
- definition
- classification

- **Documentation:**

Deliverable D2.1 in Month 10


Deliverable D2.1

Stakeholder Report: identification & analysis

Project:	Mineral Intelligence Capacity Analysis
Acronym:	MICA
Grant Agreement:	689468
Funding Scheme:	Horizon 2020
Webpage:	www.mica-project.eu
Work Package:	Work Package 2
Work Package Leader:	Fraunhofer ISI
Deliverable Title:	Stakeholder Report: identification & analysis
Deliverable Number:	D2.1
Deliverable Leader:	Fraunhofer ISI
Involved beneficiaries:	Fraunhofer ISI, GEUS, NERC, UL-CML, MinPol, BRGM, EGS, EFG, NTNU
Involved Third Parties:	LNEG, MFGI, PGI, SGU
Dissemination level:	PU Public
Version:	Final
Status:	Upload
Authors:	Loranz Erdmann, Katharina Eckertz, Björn Moller, Luis Tercero, Benjamin Teufel, Maureen Fuchs (Fraunhofer ISI), Erika Machacek, Kisser Thorsoe (GEUS), Evi Patavratz, Teresa Brown (NERC), Ester van der Voet (UL-CML), Eberhard Falck (MinPol), Yanja Blawac (EFG), Tobias Hofmeister (NTNU), Lidia Quintal (LNEG), Sári Katalin (MFGI), Barbara Radwanek-Bak (PGI), Jan-Olof Amborn (SGU)
Reviewed by:	Nynke Kaulen (GEUS), Daniel Cassard (BRGM), Vitor Correia (EFG)
Approved by:	Nynke Kaulen (GEUS)

This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No. 689468.



- systematic identification:
 - unbiased
 - open for new discoveries beyond the usual suspects (e.g. **prosumers**)
- comprehensive mapping:
 - **50+ civil society organisations** in detail
 - **90 industry associations** in detail
- clusters of stakeholder groups around certain themes (R&I calls, consultations, expert conferences)
- clear definition who belongs  a certain stakeholder group

classification: argumentation who is treated how in T2.3

- **Purpose:**

provide a broad synopsis of stakes in Raw Material Intelligence expressed by legitimate stakeholders

- **Three key methods:**

- surveys
- workshop
- interviews

- **Documentation:**

Deliverable D2.2 in Month 14

Deliverable D2.2 Stakeholder Needs

Project:	Mineral Intelligence Capacity Analysis
Acronym:	MICA
Grant Agreement:	689468
Funding Scheme:	Horizon 2020
Webpage:	www.mica-project.eu
Work Package:	Work Package 2
Work Package Leader:	Fraunhofer ISI
Deliverable Title:	Stakeholder Needs
Deliverable Number:	D2.2
Deliverable Leader:	Fraunhofer ISI
Involved beneficiaries:	Fraunhofer ISI, GEUS, NERC, CML, MinPol, BRGM, EGS, EFG, NTNU
Dissemination level:	PU Public
Version:	Final
Status:	Submitted
Authors:	Lorenz Erdmann, Björn Moller, Luis Tercero (Fraunhofer ISI), Laurant van Oers (CML), Vanja Bisevac, Vitor Correia (EFG), Claudia Delfini (EGS), Thorsoe Kisser (GEUS), Eberhardt Falck (MinPol), Evi Petavtzi (NERC), Dirk Lauinger (NTNU), Barbara Radwanek-Bak (FGI), Jan-Olof Arnbom (SGU)
Reviewed by:	Nynke Keulen (GEUS), Teresa Brown (NERC), Eberhardt Falck (MinPol)
Approved by:	Nynke Keulen

This project has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No. 689468.



- The three empirical approaches have **enhanced our knowledge and understanding** of Raw Material Intelligence needs of potential users of the envisaged MICA Online Platform (WP6)
- **Specific strengths** of the three approaches:
 - surveys: delivered the breadth of stakes
 - workshop: co-development of Raw Material Intelligence needs
 - interviews: exploration of key stakeholders' needs in depth



700 statements gathered, sorted, assessed and mapped for the refinement of the main ontology for the MICA Online Platform

The three sub-tasks **Inception**, **Stakeholder Mapping** and **Stakeholder Needs** have built upon one another:

- The Inception delivered a rough picture of the stakeholder landscape and supposed stakeholder questions at an early stage of the project
- The stakeholder mapping has laid the foundations for the empirical appraisal of stakeholder needs (systematic, comprehensive and legitimacy).

Suggestions for future projects

- a survey with the urban mining and recycling industry at eye level with the two primary raw material stakeholder surveys
- measures to raise awareness of being an affected stakeholder: CSOs, cities and affected industry (e.g. tourism, bio-based sector)



	Uptake of WP2
WP3	Mapping of stakeholder needs to WP3 topics (data sets) Delivery of stakeholder repositories to WP3 metadata inventory list
WP4	Mapping of stakeholder needs to WP4 methods Joint Workshop methods and stakeholder needs (September 2017)
WP5	Information and participation in the WP5 workshop on future-oriented policy crafting
WP6	Construction and revision of the main ontology Consideration of stakeholder needs under FAQs
WP7	Information for the planning of stakeholder-specific communication



MICA Mineral Intelligence
Capacity Analysis



THANK YOU FOR YOUR ATTENTION



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