MINATURA2020

Developing a Concept for A European Minerals Deposit Framework

MinPol
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MINATURA 2020 is a project

- funded by the H2020 Framework programme of the European Commission.
- part of the thematic area: "H2020-SC5-2014: Growing a Low Carbon, Resource Efficient Economy with a Sustainable Supply of Raw Materials";
- The project answered to the call for proposals SC5-13a-2014. “Mineral deposits of public importance”.

# Key Figures (2)

<table>
<thead>
<tr>
<th>Project Acronym:</th>
<th>MINATURA 2020</th>
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</thead>
<tbody>
<tr>
<td>Project full title:</td>
<td>Developing a concept for a European minerals deposit framework</td>
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<tr>
<td>Start Date:</td>
<td>01 February 2015</td>
</tr>
<tr>
<td>End Date:</td>
<td>31 January, 2018</td>
</tr>
<tr>
<td>Duration:</td>
<td>36 months</td>
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<tr>
<td>Status:</td>
<td>Month 4</td>
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<td>Project Cost/Funding:</td>
<td>2,092,689.00 €</td>
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<td>Coverage:</td>
<td>all commodities, on-shore/off-shore</td>
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<td>Status in the value chain:</td>
<td>Prospection/Mining to Extraction</td>
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Overall objectives

- Developing a concept and methodology
  - i.e. a harmonised European regulatory/guidance/policy framework
- for the definition and subsequent protection of “mineral deposits of public importance” in order to protect them for their “best use” in the future,
  resulting in improved conditions for sustainable access and supply of raw materials in EU.
Specific Objectives (1)

1. Formulation and definition of the concept “mineral deposits of public importance” (MDoPI)

2. Explore land use competition challenges between mining and other land uses: analysis and interpretation on different levels and in different future scenarios

3. Establishment of an appropriate mapping framework based on detailed qualifying conditions for classifying “mineral deposits of public importance”

4. Explore and Define regional, national and EU-level regulatory measures for the safeguarding of MDoPI.
Specific objectives (2)

6. **Incorporate the concept of “mineral deposits of public importance” into the national/regional/EU policies** (minerals policies as well as land use planning/management policies)

7. **Promote the establishment of a Council of Stakeholders** with a mission to safeguard the implementation of the new Mineral Deposits Directive

8. **Validate/demonstrate the developed methodology on several areas and scales** (local, regional, national and EU) taking into account different policy scenarios and their impacts to ensure robustness at all scales, and for transferability across Member States.

9. **Open up a dialogue with all relevant stakeholders** across the EU from local, regional, national to EU levels, including
   - (A) civil society and the public,
   - (B) relevant representatives of public administration and
   - (C) experts of science and industry
<table>
<thead>
<tr>
<th>WP Number</th>
<th>WP Title</th>
<th>Lead beneficiary</th>
<th>Person-months</th>
<th>Start month</th>
<th>End month</th>
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<tbody>
<tr>
<td>WP1</td>
<td>Land use assessment</td>
<td>11 - DLO</td>
<td>23.00</td>
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<td>WP2</td>
<td>Development of a harmonised mapping framework</td>
<td>1 - Minpol</td>
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<td>WP3</td>
<td>Regulatory framework</td>
<td>13 - MFGI</td>
<td>43.00</td>
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<td>WP4</td>
<td>Demonstration and pilot-testing of developed methodology at case-study level</td>
<td>15 - GeoZS</td>
<td>44.00</td>
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<td>12 - ISKRIVA</td>
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<td>WP6</td>
<td>Dissemination</td>
<td>4 - FEDERATION EUROPEENNE DES GEOLOGUES</td>
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<td>WP7</td>
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**WP1**
*Land use assessment*
- mapping of potential MDoPI priority zones at (supra)regional scale
- modelled future land use (change) implications
- tools, approaches, data and uncertainties

**WP2:**
*Development of a harmonised mapping framework*
- Qualifying Conditions of MDoPI
- Harmonised Mapping Framework

**WP3**
*Regulatory framework*
- State of policies: mineral, land use planning
- Guidance at national and regional level for good practices on land use planning
- Joint vision of EU-countries on MDoPI directive

**WP2,3,4 & 5: iterative learning process with feedback loops**

Information about the amount of data available at member state level and (future) potential MDoPI priority zones needed for a regulatory framework

Rules combining available data on (future) MDoPI priority zones. Data gaps and possible alternatives

Qualifying conditions from WP2 tested in WP4, with feedback from tests to be implemented in the mapping framework

Exchange of knowledge: WP2 will develop framework options and qualifying conditions, which will be discussed with stakeholders in WP5

Input to and feedback from pilot-testing in WP4 to be used as guiding principles in the Regulatory framework in WP3

Regulatory framework of WP3 discussed in detail in WP5

References and project management
**WP2: Development of a harmonised mapping framework**
- Qualifying Conditions of MDoPI
- Harmonised Mapping Framework

**WP3: Regulatory framework**
- State of policies: mineral, land use planning
- Guidance at national and regional level for good practices on land use planning
- Joint vision of EU-countries on MDoPI directive

**WP4: Demonstration and pilot-testing of developed methodology at case-study level**
- Potential protected areas at case-study level
- Testing and feedback from selected case-studies

**WP5: Stakeholder involvement on Mineral Deposits of Public Importance**
- State of Mineral and LU-planning policies
- Guidance for good practice on land use planning
- Vision of EU countries on a MDoPI directive

**WP6: Dissemination**

**WP7: Coordination and project management**
What is needed to keep the project alive?

No final answer on this question yet.

The MINATURA consortium will strive for continuity of the project results
This cannot be ruled centrally, but the scope/frequency needs to be agreed on
by many partners

→ Switch to the Pan-European Approach creates new challenges, as new
partners are to be involved that are not part of the project (yet)
Under which conditions could the data/information be shared and integrated in an overarching KB?

No constraints from the consortium side!

26 Deliverables are foreseen (beside project management documents),
- All of them disseminated „PUBLIC“
- 20 Reports, all of them can be integrated into the KB
- 2 Maps of potential conflict and conflict free zones in CS countries
  - Present
  - Future
- 4 Website/Brochures
Thank you for your attention!