### 2013 - ERA-MIN Joint Call on Sustainable and responsible supply of primary resources

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<th>Sub-topic areas</th>
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| Extraction, Mine closure and rehabilitation, Minerals processing | CELMIN         | Utilisation of green chemicals in non/energy extractive industries: Preparation of modified nanofibrillar celluloses (NFC) for flotation, flocculation and dewatering, and water purification in mining industry | 1. University of Oulu (Finland) - Coordinator  
2. IST LISBON (Portugal)  
3. NUCBM (Romania)  
4. Sibelco Lda (Portugal)  
| Mine closure and rehabilitation, Minerals processing | GEOSULF         | Utilization of sulphide mine tailings in geopolymer materials | 1. University of Oulu (Finland) - Coordinator  
2. University of Aveiro (Portugal)  
3. AGH University of Science and Technology (Poland) | 40 months (2014-2017) | €781.052 | €601.025 |
| Minerals processing                                  | MAXI            | Mineral Analysis using X-ray Imaging | 1. Teknologian tutkimuskeskus VTT (Finland) - Coordinator  
2. Orexplore AB (Sweden)  
3. Advacam Oy (Finland)  
4. Geological Institute of Romania (Romania) | 3 years (2014-2017) | €1.050.000 | €482.334 |
| Mineral processing                                   | SUSMIN          | Tools for sustainable gold mining in EU | 1. Geological Survey of Finland (Finland) - Coordinator  
2. Luleå University of Technology (Sweden)  
3. Geological Institute of Romania (Romania)  
4. Wroclaw University of Technology (Poland)  
5. Babes-Bolyai University (Romania)  
6. University of Porto (Portugal)  