Update on Anthropogenic Resource WG activities
Today’s topics

- Appointment of WG Chair and Members

- **WG engagements**
  - European expert network “Mining the European Anthroposphere”
  - Updating the “Specifications to apply UNFC to Anthropogenic Resources”
    → TAG Report
  - Consulting a consortium for EIT Raw Materials KAVA project proposal
    → Separate presentation

- **UNFC related dissemination activities**
  - 3 Research papers → Separate presentations
  - 2 Conference presentations
  - 2 Webinar presentations
Appointments with respect to Terms of Reference

- **WG Chair, 2021/23**
  - Acceptance by nominated candidate: Ongoing.

- **WG Members, 2021/22**
  - Confirmation of WG Membership
  - New member: Helmut Rechberger, Professor for Resource Management, TU Wien
<table>
<thead>
<tr>
<th>Name (alphabet. order)</th>
<th>Affiliation</th>
<th>Country</th>
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<tbody>
<tr>
<td>Heiberg, Sigurd</td>
<td>Petronavit</td>
<td>Norway</td>
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<td>Heuss-Aßbichler, Soraya</td>
<td>Ludwig-Maximilians-Universität München</td>
<td>Germany</td>
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<td>Hilton, Julian</td>
<td>Alleff Group</td>
<td>United Kingdom</td>
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<td>Horváth, Zoltán</td>
<td>Mining and Geological Survey of Hungary</td>
<td>Hungary</td>
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<td>Kral, Ulrich (Chair) *</td>
<td>Environment Agency Austria</td>
<td>Austria</td>
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<td>Krook, Joakim</td>
<td>Linköping University</td>
<td>Sweden</td>
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<td>Laner, David</td>
<td>University Kassel</td>
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<td>Müller, Sandra</td>
<td>Fachhochschule Nordwestschweiz</td>
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<td>Osmani, Mohamed</td>
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<td>Rechberger, Helmut</td>
<td>Technische Universität Wien</td>
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<td>Stegemann, Julia</td>
<td>University College London (UCL)</td>
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<td>Szabó, Katalin</td>
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<td>Wäger, Patrick</td>
<td>Swiss Federal Laboratories for Materials Science and Technology (EMPA)</td>
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<tr>
<td>Winterstetter, Andrea</td>
<td>Flemish Institute for Technological Research (VITO)</td>
<td>Belgium</td>
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<tr>
<td>Wittmer, Dominik</td>
<td>EC Joint Research Center Ispra</td>
<td>Italy</td>
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* Pending, because engagement for 2021/22 is subject of employer approval.
"Mining the European Anthroposphere"
Pan-European Expert Network


1st UNFC case studies
on anthropogenic resources

- EGRM Working Group on Anthropogenic Resources
- Specifications to apply UNFC to Anthropogenic Resources

MINEA – a pan-European expert network
180 experts from 30 countries
Assessment and Classification of Anthropogenic Resources

Summary
**Anthropogenic Resource Assessment**

Knowledge base

**Key objectives:**

1. Relating current knowledge levels, gaps and future needs to assessments of viability of anthropogenic resource recovery.
2. Reviewing case studies that demonstrate anthropogenic resource assessment and classification.

Download

[https://doi.org/10.5281/zenodo.3739164](https://doi.org/10.5281/zenodo.3739164)
50 case studies in total

- Post-consumer residues
- Landfills
- Extractive industry residues

5 action areas

1. Developing case studies
2. Harmonizing and developing anthropogenic resource assessment, classification and reporting
3. Providing information systems
4. Implementing quality assurance systems
5. Establishing supporting networks & structures

Download

https://doi.org/10.5281/zenodo.3739269
UNFC related dissemination activities

- **MINEA Final Conference**, 20-21 Feb 2020, Italy.  

- **UNECE Webinar**: Application of UNFC to minerals and anthropogenic resources: Sustainable management of raw material resources, 26 August 2020.

  Workshop on Phosphates for sustainable development: Fertilizers and phosphogypsum in the circular economy.
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<thead>
<tr>
<th>N°</th>
<th>Title</th>
<th>Facilitator</th>
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<tbody>
<tr>
<td>1</td>
<td>Resource classification in the context of circular economy: Case study review</td>
<td>Winterstetter</td>
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<td>2</td>
<td>Minerals and materials recovery from mining and metallurgical residues: Evidence review</td>
<td>Cormio</td>
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<td>3</td>
<td>UNFC application on tailings mining project: Conventional and sustainable perspectives</td>
<td>Suppes</td>
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<td>4</td>
<td>Screening and assessment of tailing mining projects in compliance with UNFC</td>
<td>Heuss-Aßbichler</td>
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<tr>
<td>5</td>
<td>Project proposal: Advanced Resource Exploration &amp; Assessment Solutions (AREAS)</td>
<td>Cormio</td>
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Thank you!

Ulrich Kral
Chair of EGRM Anthropogenic Resource Working Group

UNECE
Date 28 I 04 I 2021, Geneva