

## Förderung von der EU (7. Forschungsrahmenprogramm/HORIZON 2020)

| Project ID                                    | Acronym /Title   | Programme/ Call  | Contact/ Scientist TU BAF  | Duration                            |
|---|--|--|--|-------------------------------------|
| <b>HORIZON 2020: 2014 -2020</b>               |  |  |  |                                     |
| 641989  | <b>Real Time Mining</b><br>Real-time optimization of extraction and the logistic process in highly complex geological and selective mining settings  | H2020-SC5-2014-one-stage, Topic SC5-11a-2014, Type of action: RIA                  | Prof. Mischo (Bergbau und Spezialtiefbau)<br><a href="mailto:Helmut.Mischo@mabb.tu-freiberg.de">Helmut.Mischo@mabb.tu-freiberg.de</a>            | Start:<br>01.04.2015,<br>48 months  |
| 642456  | <b>BioMore</b><br>New Mining Concept for Extracting Metals from Deep Ore Deposits using Biotechnology<br><a href="http://ec.europa.eu/eip/raw-materials/en/content/biomore-alternative-mining-concept-raw-materials-commitment">http://ec.europa.eu/eip/raw-materials/en/content/biomore-alternative-mining-concept-raw-materials-commitment</a> | H2020-SC5-2014-one-stage<br>Topic: SC5-11a-2014<br>Type of action: RIA             | Prof. Konietzky (Geotechnik)<br><a href="mailto:Heinz.Konietzky@ifgt.tu-freiberg.de">Heinz.Konietzky@ifgt.tu-freiberg.de</a>                     | Start:<br>01.02.2015,<br>36 months  |
| 642201  | <b>OptiMore</b><br>Increasing yield on Tungsten and Tantalum ore production by means of advanced and flexible control on crushing, milling and separation process<br><a href="http://www.optimore-project.eu/">http://www.optimore-project.eu/</a>   | H2020: SC5-11-2014/2015: New solutions for sustainable production of raw materials | Prof. Lieberwirth (Aufbereitungsmaschinen)<br><a href="mailto:Holger.Lieberwirth@iam.tu-freiberg.de">Holger.Lieberwirth@iam.tu-freiberg.de</a>   | Start:<br>01.12.2014,<br>36 months  |
| <b>7. Forschungsrahmenprogramm: 2007-2013</b> |  |  |  |                                     |
| 604500  | <b>BlueMining</b><br>Breakthrough Solutions for the Sustainable Exploration and Extraction of Deep Sea Mineral Resources<br><a href="http://www.bluemining.eu/">http://www.bluemining.eu/</a>  | FP7-NMP-2013-LARGE-7   | Prof. Mischo (Bergbau und Spezialtiefbau)<br><a href="mailto:Helmut.Mischo@mabb.tu-freiberg.de">Helmut.Mischo@mabb.tu-freiberg.de</a>            | Start:<br>01.02.2014<br>- 48 months |
|   | <b>PEL-SKIN</b><br>A novel kind of surface coatings in aeronautics<br><a href="http://cordis.europa.eu/project/rcn/108883_en.html">http://cordis.europa.eu/project/rcn/108883_en.html</a>  | FP7-AAT-2012-RTD-L0  | Prof. Brücker (Mechanik und Fluidodynamik)<br><a href="mailto:Christoph.Bruecker@imfd.tu-freiberg.de">Christoph.Bruecker@imfd.tu-freiberg.de</a> | Start:<br>01.06.2013<br>- 24 months |

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| 325383 | <b>BioRobur</b><br>Biogas robust processing with combined catalytic reformer and trap<br><a href="http://biorobur.org/">http://biorobur.org/</a>   | FCH-JU-2012-1                        | Prof. Trimis (Wärmetechnik und Thermodynamik)<br><a href="mailto:Dimosthenes.Trimis@iwtt.tu-freiberg.de">Dimosthenes.Trimis@iwtt.tu-freiberg.de</a>         | Start:<br>01.05.2013<br>- 36 months |
| 314636 | <b>DAPhNE</b><br>Development of adaptive Production systems for Eco-efficient firing processes<br><a href="http://cordis.europa.eu/search/index.cfm?fuseaction=proj.document&amp;PJ_RCN=13049399">http://cordis.europa.eu/search/index.cfm?fuseaction=proj.document&amp;PJ_RCN=13049399</a>                                      | FP7-2012-NMP-ICT-FoF                 | Dr. Uhlig (Wärmetechnik und Thermodynamik)<br><a href="mailto:Dimosthenes.Trimis@iwtt.tu-freiberg.de">Dimosthenes.Trimis@iwtt.tu-freiberg.de</a>            | 01/10/2012<br>-<br>39/09/2015       |
| 282881 | <b>BIOCORIN</b><br>NEW BIOCOATING FOR CORROSION INHIBITION IN METAL SURFACES<br><a href="http://www.biocorin.eu/">http://www.biocorin.eu/</a>  | FP7-ENV-2011-ECO-INNOVATION-TwoStage | Prof. Kroke (Anorganische Chemie)<br><a href="mailto:Edwin.Kroke@chemie.tu-freiberg.de">Edwin.Kroke@chemie.tu-freiberg.de</a>                               | 01/03/2012<br>-<br>01/09/2015       |
| 260105 | <b>FC DISTRICT</b><br>New $\mu$ -CHP network technologies for energy efficient and sustainable districts<br><a href="http://fc-district.eu/project.html">http://fc-district.eu/project.html</a>  | FP7-2010-NMP-ENV-ENERGY-ICT-EeB      | Prof. Trimis (Wärmetechnik und Thermodynamik)<br><a href="mailto:Dimosthenes.Trimis@iwtt.tu-freiberg.de">Dimosthenes.Trimis@iwtt.tu-freiberg.de</a>         | 01/09/2010<br>-<br>30/09/2014       |
| 251234 | <b>CHANGEHABITATS 2</b><br>Network for Habitat Monitoring by Airborne-supported Field work – An innovative and effective process in implementation of the Habitat Directive<br><a href="http://gissserver1.date.hu/Hungarian%20CH2%20web/INDEX/index.html">http://gissserver1.date.hu/Hungarian%20CH2%20web/INDEX/index.html</a> | FP7-PEOPLE-2009-IAPP                 | Prof. Heilmeier (Biowissenschaften)<br><a href="mailto:Hermann.Heilmeier@ioez.tu-freiberg.de">Hermann.Heilmeier@ioez.tu-freiberg.de</a>                     | 01/01/2011<br>-<br>31/12/2013       |
| 229335 | <b>MagPro<sup>2</sup>Life</b><br>Advanced Magnetic nanoparticles deliver smart Processes and Products for Life<br><a href="http://cordis.europa.eu/search/index.cfm?fuseaction=proj.document&amp;PJ_RCN=11762714">http://cordis.europa.eu/search/index.cfm?fuseaction=proj.document&amp;PJ_RCN=11762714</a>                      | FP7-NMP-2008-LARGE-2                 | Prof. Peuker (Mechanische Verfahrenstechnik und Aufbereitungstechnik)<br><a href="mailto:Urs.Peuker@imfd.tu-freiberg.de">Urs.Peuker@imfd.tu-freiberg.de</a> | 01/07/2009<br>-<br>30/06/2013       |

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|--------|--|----------------------|---|-------------------------------|
| 228559 | <b>PROMINE</b><br>Nano-particle products from new mineral resources in Europe<br><a href="http://promine.gtk.fi/">http://promine.gtk.fi/</a>   | FP7-NMP-2008-LARGE-2 | Prof. Schaeben (Geophysik)<br><a href="mailto:Helmut.Schaeben@geo.tu-freiberg.de">Helmut.Schaeben@geo.tu-freiberg.de</a>  | 01/01/2009<br>-<br>31/12/2013 |
| 227551 | <b>CEREXPRO</b><br>Ceramic Heat exchangers with enhanced materials properties<br><a href="http://www.cerexpro.org/">http://www.cerexpro.org/</a>   | FP7-ENERGY-2008-1    | Prof. Trimis (Wärmetechnik und Thermodynamik)<br><a href="mailto:Dimosthenes.Trimis@iwtt.tu-freiberg.de">Dimosthenes.Trimis@iwtt.tu-freiberg.de</a>   | 01/04/2009<br>-<br>31/03/2013 |
| 218822 | <b>G-MOSAIC</b><br>GMES services for Management of Operations, Situation Awareness and Intelligence for regional Crises<br><a href="http://www.gmes-gmosaic.eu/project-overview/19">http://www.gmes-gmosaic.eu/project-overview/19</a>   | FP7-SPACE-2007-1     | Prof. Niemeyer<br><a href="mailto:i.niemeyer@fz.juelich.de">i.niemeyer@fz.juelich.de</a>  | 01/01/2009<br>-<br>31/12/2012 |
| 227407 | <b>THERMONANO</b><br>LOW-TEMPERATURE HEAT EXCHANGERS BASED ON THERMALLY-CONDUCTING POLYMER NANOCOMPOSITES<br><a href="http://cordis.europa.eu/search/index.cfm?fuseaction=proj.document&amp;PJ_RCN=10380461">http://cordis.europa.eu/search/index.cfm?fuseaction=proj.document&amp;PJ_RCN=10380461</a> | FP7-ENERGY-2008-1    | Prof. Trimis/Prof. Groß<br><a href="mailto:Dimosthenes.Trimis@iwtt.tu-freiberg.de">Dimosthenes.Trimis@iwtt.tu-freiberg.de</a><br><a href="mailto:Ulrich.Gross@iwtt.tu-freiberg.de">Ulrich.Gross@iwtt.tu-freiberg.de</a> | 01/01/2009<br>-<br>30/06/2012 |