# AMT Collaboration Networks

Deep Sea Mining Alliance (DSMA)

The DSMA supports deep-sea mining innovations based on international R&D and JIP projects. It is planned to generate a close cooperation with leading research institutes and also the civil society with respect to all basic contributions regarding marine mineral resources as well as environmentally relevant aspects of deep-sea mining.

Key strategic industrial objectives of the DSMA are the establishment and development of international cooperation projects for deep-sea mining. The plan is to create a common platform for partners from industry and research that can cover the entire deep-sea mining value chain from a single source.

Learn More!

EIT Raw Materials

EIT RawMaterials, initiated and funded by the EIT (European Institute of Innovation and Technology), a body of the European Union, is the largest consortium in the raw materials sector worldwide. Its vision is to develop raw materials into a major strength for Europe. Its mission is to enable sustainable competitiveness of the European minerals, metals and materials sector along the value chain by driving innovation, education and entrepreneurship.

EIT RawMaterials unites more than 120 core and associate partners and 180+ project partners from leading industry, universities and research institutions from more than 20 EU countries. Partners of EIT RawMaterials are active across the entire raw materials value chain; from exploration, mining and mineral processing to substitution, recycling and circular economy. They collaborate on finding new, innovative solutions to secure the supplies and improve the raw materials sector in Europe.

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## European Rock Extraction Research Group (EUREG)

Four leading European universities in mineral engineering, namely Clausthal University of Technology, Montanuniversität Leoben, RWTH Aachen University and TU Bergakademie Freiberg, founded the European Rock Extraction Research Group (EUREG). The objective is to perform collaborative research and develop innovative approaches to rock fragmentation by cutting as well as drilling and blasting, for the excavation of valuable materials.

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## EU-Robotics

euRobotics AISBL (Association Internationale Sans But Lucratif) is a Brussels based international non-profit association for all stakeholders in European robotics. euRobotics builds upon the success of the European Robotics Technology Platform (EUROP) and the academic network of EURON and will not only continue the cooperation but will also strengthen the bond between members of these two community driven organisations. Thus, leading towards the establishment of only one sustainable organisation for the European robotics community as a whole.

One of the association's main missions is to collaborate with the European Commission (EC) to develop and implement a strategy and a roadmap for research, technological development and innovation in robotics, in view of the launch of the next framework program Horizon 2020. Towards this end, euRobotics AISBL was formed to engage from the private side in a contractual Public-Private Partnership, SPARC, with the European Union as the public side.

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## German Federation of International Mining and Mineral Resources (FAB)

FAB is an association of German companies that are active in the extraction of raw materials and related fields abroad or will be active there in the future. The FAB constitutes a platform for information and exchange of experience about the economic activities of its members abroad in the mining sector as well as in the protection of the common interests opposite German and foreign institutions.

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Forum Vision Instandhaltung e. V. (F.V.I.)

The FVI - with more than 500 members from medium-sized businesses, large industry, science and politics - is proactive in the field of industrial maintenance. Knowledge transfer and identification of future trends in the field of maintenance are special concerns of the FVI. Working groups and project teams prepare implementation proposals and instructions for action several key maintenance topics.

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German Mining Network

The German Mining Network is an association of six competence centres for mining and raw materials located at the Chambers of Commerce Abroad (AHKs) in Australia, Brazil, Chile, Canada, Peru and Southern Africa and various partners in the raw materials sector in Germany.

On the German side, the German Mineral Resources Agency (DERA) in the Federal Institute for Geosciences and Natural Resources (BGR) and Germany Trade and Invest (GTAI) are core partners of the German Mining Network. The Federal Ministry of Economics and Energy (BMWi) supports and accompanies the activities of the network. The Association of German Chambers of Industry and Commerce (DIHK) has a coordinating role.

By bundling its competencies, its comprehensive contacts and its services, the German Mining Network offers German companies and organisations a platform that guarantees accelerated access to information and expertise. The German Mining Network provides companies with support both at the strategic level, for example in questions of securing and supplying raw materials or evaluating projects, and at the operational level, for example by providing support in market entry or in the search for projects or business partners. The range of services is essentially aimed at two target groups: German companies

purchasing raw materials or the mining supply industry.

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German Resource Research Institute (GERRI)

GERRI e.V. is a think tank of German research institutes and universities and a central contact point for German and European actors from industry, politics and society. GERRI members develop technologies along the value chain of metallic and mineral raw materials, which form the basis for future technological developments, such as electromobility or energy system transformation as well as digitization.

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Gesellschaft der Metallurgen und Bergleute e.V. (GDMB)

The GDMB is an internationally recognised professional association for the promotion of scientific, technological, economic and ecological interests in the fields of raw materials and georesources, non-ferrous metallurgy, recycling and environmental technology.

The GDMB offers a powerful platform for the transfer, exchange and expansion of specialist knowledge in its specialist fields in the form of international specialist committees, seminars and conferences as well as a network of national and international experts in its specialist fields.

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VDMA Mining

With an export quota of 96 percent, mining technology is one of the most export-intensive branches of the German mechanical engineering industry. VDMA Mining represents well-known, mainly medium-sized companies in the fields of surface and underground mining, processing technology, consulting, research and development. 145 companies are members of VDMA Mining; they represent over 90 percent of the total sales volume.

Learn More!