

KGHM Polska Miedź S.A.

KGHM Cuprum - The Research and Development Center



## GENERAL INFORMATION

Managing director, head of organisation	Mr. Marcin Chludziński
Country	Poland
address	ul. M. Skłodowskiej-Curie 48 59-301 Lubin
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email	komunikacja@kghm.com
URL	www.kghm.com
Year of foundation	1961
number of employees, working in transfer processes	20 (innovation, R&D departments)
type of organisation	company
Aim/role with respect to the transfer process	KGHM is a leader of innovation in Poland and in the World. The company constantly searches for technologies enabling the reduction of production costs and increased copper and associated metals recovery. It endeavors to protect the natural environment and to ensure the safety of its employees. R&D in KGHM aims at intensifying production, improving the safety of employees, cost optimisation and the implementation of sustainable solutions. Based on new technologies, the company is working on the concept of the intelligent mine, where the human factor will be limited, while the possibilities of using human intellect will be enhanced. KGHM carries out R&D activities in cooperation with prominent Polish scientific institutions, such as the Research & Development Centre in Wrocław, the Institute of Non-Ferrous Metals in Gliwice, the AGH University of Science and Technology in Kraków, the GIG Central Mining Institute in Katowice, Wrocław University of Technology, Silesian University of Technology, the Polish Geological Institute in Warsaw and the

Transfer topics	Polish Academy of Science in Warsaw. The company is also closely cooperating with leading international institutions: Outotec OY, Bucyrus Europe GmbH (Caterpillar), Sandvik Group, Metso Minerals, Weir Minerals, Loesche GmbH, SGS Lakefield Research, Separation Technologies LLC, Luleå University of Technology, BRGM and many others..
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## OFFERED TRANSFER ACTIVITIES

### services in terms of the identification and description of innovative and economically applicable ideas

- identification of current research results in research institutions, universities (e.g. using technology scouting)
- foster scientists in the description of the exploitable idea, focussed on its application in enterprises
- technology assessment according to technical, legal and economic aspects (such as technology maturity level, patentability, standard conformity, necessary licensing procedures)

### services to bring together parties that could be relevant for the application of new ideas and technologies

- implementation of visits in research institutes or enterprises
- implementation of meetings, workshops, conferences (*e.g. for initiating and intensifying contacts between science and business, for discussing detail information about innovative ideas and technologies*)
- organisation of topic-specific workshops, fairs or similar activities in order to foster special ideas
- initiating and presenting/ moderating bilateral and subject-specific discussions held by technology suppliers and potential users

### services in terms of the preparation of economic exploitation of an (innovative and economically applicable) idea/ technology

- contract research (e.g. initiating, bringing together the potentially exchanging parties, project management)

- consulting on technical issues in order to support the final implementation of new technologies or processes in enterprises: (e.g. support for adapting new technologies to the existing equipment in the company))

### services of the economic exploitation of innovative and economically applicable ideas

- supporting patent exploitation/ licensing (e.g. patent search; market analysis, foundation consulting)

### Advancement of economically applicable and innovative ideas or research fields

- establishment of institutional structures for the cooperation between science and economy: KGHM CUPRUM - The Research and Development Center
- initiation and implementation of tools that do not follow an institutional structure (networks, discussion groups, alliances, clusters): Dolnośląski Klaster Edukacyjny (“Lower Silesian Educational Cluster”), Zgorzelecki Klaster Energetyczny (Energy Cluster)
- support to the establishment of students’ projects and looking after the students’ work in the form of preliminary studies aimed at: the preparation of the implementation of innovative ideas/ new technologies in enterprises; the application of scientific results to tackle with practical problems in enterprises; the detection of deficits and bottlenecks that could make the application of new ideas and technologies in the enterprises difficult: KGHM PhD program - implementation of the topics of doctoral dissertations in the organization

### geographical area of transfer activities and services

- World-wide

## TARGET GROUPS

### kind of organisation

- predominantly organisations offering or developing innovative ideas/ new technologies
- predominantly organisations demanding for innovative ideas or new technologies

### businesses of target groups

- Mining and quarrying

### number of employees of target group organisation(s)

> 499