



The Mineral and Energy Economy
Research Institute of Polish
Academy of Sciences



AGH University of Science and
Technology

CONFERENCE

Rational use of water and mineral resources – good practice in Poland and Europe



Cracow, 25 March 2013

AGH University of Science and Technology,
Faculty of Mining and Geoengineering
30 Mickiewicza Avenue, pav. A4, room 15

PATRONS

THE POLISH TECHNOLOGY PLATFORM
ON MINERAL RESOURCES



PRESIDENT OF KRAKOW



REGIONAL FUND FOR
ENVIRONMENTAL PROTECTION
AND WATER MANAGEMENT IN
KRAKOW



Klaster Gospodarki
Odpadowej i Recyklingu
THE WASTE MANAGEMENT AND
RECYCLING CLUSTER

The conference is being organized as part of the projects:

Sigma for Water co-financed from the EU funds as part of Interregional Co-operation Programme INTERREG IVC

MIN-NOVATION co-financed from the EU funds as part of the Baltic Sea Region Programme (European Regional Development Fund) and Ministry of Science and Higher Education



Conference Programme

9.00 – 9.30	Registration
9.30 – 9.45	Conference Opening Wojciech Kozak, V-ce Marshal of the Małopolska Region
9.45 – 10.00	Sigma for Water Project results presentation Anne de Vries, Province of Frisia, Holland
10.00 – 10.15	Master Plan – recultivation of the post-mining area Elzbieta Pietrzyk-Sokulska, Associate professor of MEERI PAS
10.15 – 10.30	Mining and processing waste management– presentation of current results of the MIN-NOVATION project Anna Ostrega, PhD Eng., Faculty of Mining and Geoengineering of AGH in Cracow
10.30 – 10.45	Drilling waste management and water treatment Torleiv Bilstad, Professor of University of Stavanger, Norway
10.45 – 11.00	Mine water as heat source in Kiikla settlement Tiit Rahe, Tallin Technical University, Estonia
11.00 11.15	Projekt CLUE - Climate Neutral Urban Districts in Europe Agata Wesołowska, Marshal Office of the Małopolska Region
11.15 – 11.35	European funds in the environment protection – current and future programming period Steve Taylor, Head, IDEEAS, Great Britain
11.35 – 12.00	Coffee Break
12.00 – 12.30	Water policy in EU and the Platform activity The European Water Technology Platform
12.30 – 12.50	The Mineral policy in the EU and the activities of the European Technological Platform on Sustainable Mineral Resources Henryk Karaś – Chairman of the EPT ZSM (2006-2012), KGHM Polska Miedź S.A.
12.50 – 13.05	The Polish Technology Platform on Mineral Resources Jan Kudełko, Associate professor of PW – PPTSM Coordinator, CBR CUPRUM Sp. z o. o. Chairman
13.05 – 13.20	The Waste Management and Recycling Cluster Zbigniew Miazga – Chairman of the Cluster Board, President of the Polblume
13.20 – 13.30	Summary and conclusions
13.30 – 14.30	Lunch

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For more information and the application form go to: www.min-pan.krakow.pl

Participation is free of charge

Natural resources constitute the basics of European and world economy functioning and have influence over the quality of our lives. They comprise water and mineral resources, to name just the few.

Water is the element of environment which is necessary for life, and it decides about the development of regions. In Europe 1/3 of population lives in the areas on which a strong pressure is put on the existing water resources. The experiences of the second half of the twentieth century indicate that the quality of water has dramatically decreased and its resources show a falling tendency. Furthermore, in the near future the expected climatic changes as well as increase in the number of people will influence the economy. For those reasons water and its rational resources economy are the main priorities of the XXI century. Because of that many EU regions take actions aiming at improving the current condition when it comes to water economy by, among other things, increasing the retention by building artificial lakes including the use of, for example, industrial wastelands.

Resources exploitation has contributed to the emergence of great number of mining and processing waste. Currently, the waste coming from the mining industry constitute about 29% of All waste produced in the EU. The development of innovative technologies makes the recovery of useful materials possible and use them in many branches of industry (f.ex. building, energy industry). Wide range of mining and processing waste appliance as well as searching for new solutions in the sector of mining waste economy, which accounts for the whole waste life cycle, are strong arguments for waste being treated as equivalent substitute of natural resources.

During the conference priority issues for the XXI century concerning rational use of water and mineral resources will be discussed. Subject matters will be devoted to the following issues:

- protection against water pollution,
- development of the processing waste economy sector in the Baltic Sea Basin region,
- re-cultivation and management of the post-mining and post industrial areas considering creating water tanks,
- accessibility of the EU countries to the water as well as mineral resources from the primary and secondary sources (urban resources, anthropogenic deposits),
- proper frame conditions inside the EU assuring balanced water economy and stable deliveries of the resources from the European sources,
- promoting eco-innovation – new tendencies and practical solutions,
- the possibility of financing projects from the European and Polish funds.

REGISTRATION FORM

Conference

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25 March 2013

**AGH University of Science and Technology,
Faculty of Mining and Geoengineering
30 Mickiewicza Avenue, Krakow, pav. A4, room 15**

Full name			
Name of the Company / Institution:			
Address:			
Telephon:		E-mail:	

Attention:

Due to the limited number of participants the order of registration decide about participation.

Application forms should be sent by fax (+48 /12/ 632-22-45) or e-mail (rkoneczna@min-pan.krakow.pl, lelek@min-pan.krakow.pl).

The deadline for applications: 18 March 2013

I declare, that I agree to have my personal data, if it necessary, processed for registration process by Mineral and Energy Economy Research Institute of The Polish Academy of Sciences (according to the Act of personal data protection, dated 29 of August 1997, Dz. U. Nr 133 Poz. 883).

I declare, that I agree to receive from Mineral and Energy Economy Research Institute of The Polish Academy of Sciences correspondence by e-mail, accordance with the Act of providing of electronic services , dated 18 of July 2002.

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Signature