

Which quarry for tomorrow?

22-23/03/12

Partnership between the raw mineral industries and the scientific research

In Belgium, large underground mines have been closed for decades but there are still many important open quarry exploitations of raw materials such as of limestone, dolostone, porphyry, quartzite, sand, clay, gravel,.. and moreover, large quantities of ores and industrial minerals are being imported.

This symposium will offer the different parties concerned the possibility to discuss this issue, the European, national and regional authorities, the universities and other research institutes and the industrial partners. More specifically we wish to emphasize the relationship between the scientific research and the extractive/transformation industries. The following questions will be addressed: How do we consider the future extractive industry in Belgium? To what extent can our industry relate on secondary resources? What is the future of 'Landfill Mining' and 'Urban Mining'? What can we undertake with the publication by the European Commission of the list of 14 'critical' materials with a risk of supply shortage within 10 years?

Venue

Royal Belgian Institute
of Natural Sciences
Vautier street, 29
1000 Brussels
BELGIUM
www.naturalsciences.be

Registration fee

To be determined

Organizing committee

Eric Goemaere (Royal Belgian Institute
of Natural Sciences, Geological Survey)
eric.goemaere@naturalsciences.be
Johan Yans (University of Namur)
johan.yans@fundp.ac.be
Jan Elsen (University of Leuven)
Jan.Elsen@ees.kuleuven.be

22/03/12 : CONFERENCES

9:00	Welcome
9:30 – 9:40	Opening speech
9:40 – 10:10	Pim Demecheleer (NV Sibelco) "Challenges in defining Europe's raw materials base"
10:10 – 10:40	Jean-Claude Lazarewicz (Société de l'Industrie Minérale - France) "Access to raw materials in France: limitations et perspectives"
10:40 – 11:00	Ruth Allington (President European Federation of Geologists/ GWP Consultants LLP, UK) "The quarry design process as an essential framework for sustainable planning and operation of aggregates quarries"
11:00 – 11:30	Coffee break
11:30 – 12:00	Ralf Littke (Rwth-Aachen) "Shale gas resources in Europe"
12:00 – 12:30	Chris De Groot (ALBON) "Monitoring system for a sustainable surface mineral resources policy"
12:30 – 13:30	Lunch time
13:30 – 14:00	Ben Laenen (VITO) "Urban mining: a local source for raw materials and energy"
14:00 – 14:30	Johan Vanderbiest (NV Wienerberger) "From primary excavation to secondary materials"
14:30 – 15:00	Luc Hance (Carmeuse s.a.) "Customer specifications driving the extraction for the lime industry"
15:00 – 15:30	Coffee break
15:30 – 16:00	Kris Piessens (Geological Survey of Belgium) "Industrial and metallic resources in Europe: preparing for strategic decisions"
16:00 – 16:30	Koen Degrendele (Federale Overheidsdienst Economie, Dienst Continentaal Plat) "Marine sands and gravel : industrial and scientific aspects"
16:30 – 17:00	Anne Vergari. (FEDIEX) "Integrated gestion of the quarries today: towards new responses to geological, technical and environmental constraints."

23/03/12 : FIELD TRIP

Morning	The Famennian sandstones quarry of Yvoir. Marbres et Pierres d'Yvoir s.a. (E. Dapsens) Leaders : J. Thorez (Prof. émérite ULg), E. Groessens (GSB collaborator), R. Dreesen (GSB collaborateur), F. Tourneur (Pierres et Marbres de Wallonie). Geology, sedimentology, products, by-products, national and international market, paving stones
Afternoon	Quarry of dolostones of Marche-les-Dames (Lhoist Group) Leaders : Koch, P., Lauwers, A., Volvert, Maréchal & Chaboteaux, J.

Scientific committee

Dominique Nicaise (CSTC-WTCB)	Michiel Duser (GSB-RBINS)
Ben Laenen (VITO)	Edouard Poty (ULg)
Griet Verhaert (ALBON)	Alain Prétat (ULB)
Rudy Swennen (KuLeuven)	Alain Rorive (Faculté Polytechnique de Mons)
Patric Jacobs (UGent)	Philippe Sonnet (UCL)
Veerle Cnudde (Ugent)	Francis Tourneur (Pierres et Marbres de Wallonie)
Isabelle Fernandez (EurGeol EFG)	Régis Lorant (FEDIEX)



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