



RAW MATERIALS UNIVERSITY DAY

Future, needs and opportunities



National Technical University of Athens
School of Mining and Metallurgical Engineering



National and Kapodistrian University of Athens
Faculty of Geology and Geoenvironment

RAW MATERIALS UNIVERSITY DAY

Future, needs and opportunities

Megaron – The Athens Concert Hall
Room Banquet

19 June 2014, Athens, Greece

DRAFT AGENDA

09.30 – 10.10

WELCOME SPEECHES

- **Prof. I. Paspaliaris**, School of Mining and Metallurgical Engineering, National Technical University of Athens
 - **Assoc. Prof. N. Voulgaris**, Faculty of Geology and Geoenvironment, National and Kapodistrian University of Athens
 - **Mrs. Niki Tzavela**, Member of the European Parliament
 - **Mr. Mattia Pellegrini**, Head of Unit, European Commission - Video – Raw Materials – The stuff that dreams are made of
 - **Mr. Yannis Maniatis**, Minister of Environment, Energy and Climate change of the Hellenic Republic (tbc)
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KEY NOTE SPEECHES

10.10 - 10.25

The mining industry of the future

Mr. Mark Rachovides, President of Euromines

10.25 - 10.40

IMA Europe

Dr. M. Stefanakis, IMA Europe Technical Board Member

10.40 - 10.55

The potential of Greek Raw Materials sector – Sustainable development

Mr. Ch. Kavalopoulos, CEO, Greek Mining Enterprises Association

10.55 - 11.10

Raw Materials Initiative and European Innovation Partnership on Raw Materials

Mr. Mattia Pellegrini, Head of Unit Raw Materials, Metals, Minerals and Forest-based industries, European Commission

11.10 – 11.30

Coffee break

11.10 – 11.40 **PRESS POINT (Room MC2)**

SESSION A

11.30 – 12.45 **Mineral Resources. Present, future, opportunities**

INDUSTRIAL MINERALS

– **Bentonite – Perlite – Vollastonite**

Dr. A. Karalis, R&D Specialties Manager, Global Specialties Market Organisation, S&B Industrials Minerals S.A.

– **Magnesite**

Mrs. E. Iskou, Sales Specialist, Grecian Magnesite S.A.

METALLIC ORES

– **Bauxite – Alumina –Aluminium**

Mrs V. Vassiliadou, Head of Quality Control Laboratory, Quality Manager of the Plant, Aluminium S.A.

– **Laterite – Nickel**

Mr. Apostolikas, Head of Exploration, LARCO GMMSA

– **Polymetallic sulphide ores**

Mrs. E. Gazea, Head of Environmental Department, Hellas Gold S.A.

12.45 - 13.45

Lunch

SESSION A (continuation)

13.45 – 14.15

– **Ornamental stones and aggregates in Greece**

Dr. K. Laskaridis, Head of Laboratory LITHOS, National Center of Sustainable Development (NCSD-IGME)

– **Alloys and physical metallurgy out of scrap**

Dr. S. Papaefthymiou, Product & Process Development Manager at SIDENOR S.A., R&D Projects & Steel Physical Metallurgy at ELKEME

14.15 – 15.00

Panel discussion with students

– **The global needs for Raw Materials engineers and scientists**

Prof. Bern Klein, Norman B. Keevil Institute of Mining Engineering, Director, Canadian International Resource and Development Institute, University of British Columbia

– **Round table discussion**

Moderator Prof. I. Paspaliaris, School of Mining and

15.00 - 15.20

Welcome by representatives of:

- Greek Mining and Metallurgical Engineers Association
 - School of Mineral Resources Engineering, Technical University of Crete
 - Department of Geology, University of Patras
 - Faculty of Geology, Aristotle University of Thessaloniki
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SESSION B

15.20 - 16.20

The Raw Materials value chain

- **From Geology to deposits – Critical Raw Materials**
Dr. N. Arvanitidis, EuroGeoSurveys
- **Marine exploration and mining**
Assoc. Prof. K. Papavassiliou, Faculty of Geology and Geoenvironment, National and Kapodistrian University of Athens
- **Surface and underground exploitation**
Assist. Prof. A. Benardos, School of Mining and Metallurgical Engineering, National Technical University of Athens
- **Processing of primary and secondary raw materials**
Assoc. Prof. D. Panias, School of Mining and Metallurgical Engineering, National Technical University of Athens
- **Environmental protection in Extractive Industries**
Prof. K. Komnitsas, School of Mineral Resources Engineering, Technical University of Crete

16.20 - 17.20

- **Round table discussion with students**
Moderator Prof. M. Stamatakis, Faculty of Geology and Geoenvironment, National and Kapodistrian University of Athens

17.20 - 18.00

- **Presentation on EC grants for students and young engineers** (Erasmus, Marie Curie Programme etc.), DG EAC or Greek National Agency (tbc)
 - Q&A with students
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