

## Joint Exploratory Workshop of the EIT RawMaterials and Fuel Cells & Hydrogen Joint Undertaking - FCH2JU on:

# ***"Critical Raw Materials in Fuel Cells and Hydrogen Value Chains"***

**Place: Bucharest, Romania**

**Library Conference Hall, Măgurele Science Platform**

**Date: February, 16<sup>th</sup>, 2017**

**11:30 Registration of the participants**

**12:00 Buffet Lunch**

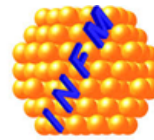
**13:00 Opening session**

- **Dr. Karen HANGHØJ**, CEO, Managing Director, EIT RawMaterials
- **Bart BIEBUYCK**, Executive Director, Fuel Cells & Hydrogen Joint Undertaking
- **Alessandra HOOL**, ESM Foundation, Switzerland
- **Prof. Eden MAMUT**, Chair of Scientific Committee of FCH2JU
- **Dr. Ionut ENCULESCU**, General Director, National Institute of Materials Physics
- **Dr. Stefan MARINCEA**, Romanian Geologic Institute
- **Acad. Nicolae ZAMFIR**, CEO, General Manager, "Horia Hulubei" National Institute for Physics & Nuclear Engineering
- **Dr. Ioan IORDACHE**, Chairman, Romanian Association for Hydrogen Energy

**14:00 Session on: "Critical Materials in Fuel Cells & Hydrogen Energy Technologies and Substitution Perspectives"**

Keynote Speakers:

Dr. Etienne BOUYER, French Alternative Energies and Atomic Energy Commission CEA: *Substitution of CRM in the Energy Field: Issues & Challenges*



Prof. Dr. K. Andreas FRIEDRICH, German Space Agency DLR-IET: *Achieving Cost Reduction and Sustainability in PEM Fuel Cells and Electrolysis by Material Development*

Dr. Wouter DE SOETE, Sustainability Support and Information Centre, University of Gent: *Sustainability Assessment*

### **15:00 Visit of Măgurele Platform Research Facilities**

### **16:00 Session on: "Strategic Objectives, Working Plans and Examples of Projects on Substitution of CRM at EIT RawMaterials"**

Keynote Speakers:

Dr. Karen HANGHØJ, CEO, Managing Director, EIT RawMaterials

Dr. Roland GAUß, Thematic Officer Substitution and Recycling, EIT RawMaterials GmbH

Dr. Vladimiro DAL SANTO, University of Milan: FCH research at ISTM-CNR and in FREECATS and BloW-UP EIT RawMaterials projects.

### **17:30 Concluding remarks**

### **19.30 Dinner at the "Carul cu Bere" Restaurant located in the area of "Old City" Downtown Bucharest**



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## Second Day

**Date: February, 17<sup>th</sup>, 2017**

**09:30 Session on: "Strategic Objectives, Working Plans and Examples of Projects on Substitution of CRM in Fuel Cells and Hydrogen Energy Technologies"**

Keynote speakers:

Bart BIEBUYCK, Executive Director, Fuel Cells & Hydrogen Joint Undertaking

Dr. Mihai VARLAM, General Director, ICSI Rm. Valcea

**11:00 Coffee break**

**11:30 Brainstorming session on: "Joint Initiatives and Pathways for Partnership Development between FCH2JU and EIT RawMaterials"**

Moderators:

Alessandra HOOL, ESM Foundation, Switzerland

Prof. Eden MAMUT, Chair of Scientific Committee of FCH2JU

**13:00 Concluding remarks**

**13:30 Buffet Lunch**

**14.30 Visit of the ESFRI "Extreme Light Infrastructure - ELI" Platform**

**15:30 Closure**