

Collaborative project
Materials under extreme conditions
SC5-12b-2015

Project full title
“A novel process for manufacturing complex shaped Fe-Al intermetallic parts resistant to extreme environments”

Project acronym
EQUINOX

Grant Agreement no.
689510

Workshop Agenda

23 July 2019

Venue: Crowne Plaza Hotel

Michalakopoulou 50 st, GR 115 28, Athens, tel.: +30-210-7278000

https://www.ihg.com/crowneplaza/hotels/us/en/athens/athgr/hoteldetail?cm_mmc=GoogleMaps--CP--GR--ATHGR

Workshop objective: Inform metallurgical Industry on EQUINOX project achievements. Technology transfer of results to real products.

Participants: Researchers and policy makers on critical raw materials substitution; Individuals and organisations from industry and research institutes on metallurgy.

Round table discussions are expected to encourage:

- Exchange of foreground between researchers and the Industry for replacement of Critical Raw materials in metallurgical processes and applications with less expensive solutions.
- Identification of potential applications beyond the ones indicated on the project and promotion of technology and expertise transfer.

Workshop on EQUINOX technology

Time	Item	Name of presenter
09:00-09:30	Registration – Coffee reception	
Session 1: Policy directions and industrial needs		
09:30-09:40	Welcome and opening of the workshop	Prof. Costas Charitidis <i>National Technical University of Athens EQUINOX Coordinator</i>
09:40-10:00	European policy for Raw Materials	Dr. Susana Xará <i>Project Adviser Executive Agency for SMEs European Commission</i>
10:00-10:20	Extreme mining: Addressing the modern raw material challenges	Prof. Andreas Benardos <i>School of Mining and Metallurgical Engineering National Technical University of Athens</i>
10:20-10:50	Innovation and technological/ organizational upgrading: A challenge for SMEs in Greece in the aftermath of a long and deep crisis	Prof. Yannis Caloghirou <i>Laboratory of Industrial and Energy Economics National Technical University of Athens</i>
10:50-11:20	Coffee break	
Session 2: EQUINOX project – Innovation and prospects		
11:20-11:40	Recovery of CRMs from industrial waste: Challenges, prospects and the case study of Bauxite Residue from the alumina production	Dr. Efthymios Balomenos <i>National Technical University of Athens & Mytilineos Metallurgy Buisness Unit</i>
11:40-12:10	EQUINOX vision and main results/ Response to industrial needs	Dr. Wolfgang Kochanek <i>Dr. Kochanek Entwicklungsgesellschaft EQUINOX Technical coordinator</i>
12:10-12:30	Technology transfer approach	Dr. Achilleas Barlas <i>Enterprise Europe Network</i>
12:30-13:00	Applications of EQUINOX materials	Dr. Mattia Alemani <i>Senior R&D Material Specialist BREMBO S.p.A.</i>
13:00-14:00	Light lunch	
Session 3: Interaction with the stakeholders		
14:00-14:20	The EU circular economy package with regards to CRMs	Prof. Andreas Bartl <i>Vienna University of Technology Working Group 4 Leader CRM Extreme COST Action</i>
14:20-15:20	Round Table discussion on Technology transfer	Prof. Costas Charitidis (chair) <i>National Technical University of Athens EQUINOX Coordinator</i>
15:20-15:30	Wrap-up, Closing of the event	Prof. Costas Charitidis <i>National Technical University of Athens EQUINOX Coordinator</i>