

RESPONSIBILITY









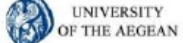




Global Model and Observatory for International Responsible Research and Innovation Coordination

Workshop on "Responsible Research and Innovation in Mining"

March 19th , 2015
Santiago de Chile, Chile



Dr. Aki Zaharya Menevidis (Fraunhofer)

No.	Partner Name	Logo
1	Fraunhofer IPK	
2	Signosis Sprl	
3	De Montfort University	
4	University of Namur	
5	Technical University of Berlin	
6	University of Oxford	
7	Geolmaging Ltd	
8	University Sienna	
9	University of the Aegean	
10	University Malaysia Sarawak	
11	Universidad de Chile	
12	Kyushu Institute of Technology	
13	Arbeiter Samariter Bund Wien Gesundheits und Soziale Dienste Gemeinnutzige GmbH	

Agenda – Keynote speakers

08:30 – 09:00	Registration
09:00 – 09:10	Director's Welcome & Presentation of the Workshop, Javier Ruiz del Solar – AMTC
09:10 – 09:30	Coordinator's Presentation of the Agenda and Procedure, Zaharya Menevidis – Responsibility

Final discussion / Synthesis of Workshop

How to achieve Responsible Research and Innovation in Mining?

What are the benefits of an RRI community?

How to build a sustainable RRI community?

What do we mean by institutional changes in research organisations?

How to implement institutional changes to foster RRI!

09:30 – 10:00	RRI Application and Governance, Elena Tavlaki – Responsibility
10:00 – 10:30	RRI Automation in mining industry, Javier Ruiz del Solar – AMTC
10:30 – 11:00	Mining in Chile: A platform for the future, Gonzalo Rivas - President CNIC
11:00 – 11:15	Coffee break



Agenda – Keynote speakers

11:15 – 11:45

Continuous Conversion Reactor

Introduction/Problem/Current state of activities, Leandro Voisin – AMTC
Main Obstacles for Responsible Continuous Conversion

11:45 – 12:00

Discussion: Responsibility in Continuous Conversion Reactor– what does it mean? What are the Challenges?

12:00 – 12:30

Resource efficiency: Effective Use of Water Introduction/Problem/Current state of activities, Rodrigo Fuster – UCH, James McPhee – AMTC
Main Obstacles for Responsible Water Management

12:30 – 12:45

Discussion: Responsibility in Resource Efficiency – what does it mean? What are the Challenges?



Agenda – Separate sessions

14:00 – 14:45

Group A / Group B

Governance Policy, Science and Society: Regulations, Civil Engagement, Business Responsibility, Training Material

Group discussions: aggregation of findings and potential solutions

e.g. How to embed RRI in the design of the research and innovation, How to implement RRI in projects? (Moderation: RESPONSIBILITY)

14:45 – 15:30

Group A / Group B

Wrap-up per Session: Legal & Ethical issues, Safety, security, privacy, ecology, societal implications

15:30 – 16:00

Coffee break



Agenda – Joint Sessions

Joint Session

16:00 – 17:00

Presentations: Each Group (A, B) presents findings and recommendations in Plenum: Current Challenges
Stakeholders Perspectives: NGOs, Engineering Sciences, Politics Recommendations for Regulation

17:00 – 18:00

Final Discussion: Synthesis of Workshop: How to achieve Responsible Research and Innovation in Mining?
E.g. What are the benefits of a RRI community? How to build a sustainable RRI community?
What do we mean by institutional changes in research performing organisations? How to implement institutional changes to foster RRI

End of Workshop

Aim, Vision



- The **RESPONSIBILITY** project is a coordinating action
- that aims to create a Forum and a virtual Observatory
- in and for Responsible Research and Innovation (RRI)
- which facilitates the network of stakeholders
- to adopt and diffuse a common understanding in RRI
- between different actors in Europe and around the globe.



- What are the benefits of an RRI community?
- How to build a sustainable RRI community?

Expected Outcomes



The **RESPONSIBILITY** project will:

- Have a societal, economic and scientific impact
- Enhance the International Coordination in the field of RRI, spreading results of best practices of technologies;
- Promote networks of scientists to facilitate the definition of research priorities, avoiding duplication of efforts and strengthening the collaboration under horizontal issues.
- Establish a virtual place to find the tools to active networking, for on-line dialogue to stimulate and respond to issues raised in RRI;
- Create an on-line Directory facilitating the exchange of information, concepts and approaches on RRI.

The RESPONSIBILITY Forum



- The **RESPONSIBILITY Forum** is conceived to be a body that does not negotiate decisions and is self-regulated,
- while the participation is open, transparent and remote.
- The main objectives of the **Forum** are to be an interface between politicians, society and industry, researchers and CSOs;
- To determine approaches to the RRI and to construct a **virtual meeting place; forum of discussion**, for RRI stakeholders.
- The discussions in the Forum and their outcomes will provide the necessary content for the **Observatory**.

The **RESPONSIBILITY** Observatory



- The **RRI Observatory** aims to be established as a permanent point and repository of reference and actual fore-thinking regarding the current concepts and developments in RRI;
- The **Observatory** will be maintained over a longer period and will be designed to harness the involvement of the broader network of researchers and innovators to provide information on:
 - Current and emerging technologies and issues for RRI,
 - Governance arrangements suitable for addressing RRI,
 - Case studies, examples of good practice and training materials in RRI.
- The repository will allow researchers to identify areas in need of more detailed research and where public engagement on particular issues might be relevant.

The RESPONSIBILITY Observatory



Themes

- Health
- Agriculture
- Biotechnology
- ICT
- NMP
- Energy
- Environment
- Transport
- Socio-economic/
Humanities
- Space
- Security
- General Activities
- Joint Technology
initiatives

RRI Issues

Transparency
Privacy
Freedom
Safety
Security
Ethicity
Economy
Ecology
Legitimacy
SUSTAINABILITY
Proportionality
Competition
Policy
Efficacy
Corporate social
responsibility

RRI Tools

Forum
Initiatives
Training-Material
Guidelines
Code-of-Conduct
Assessments
Briefs / CaseStudies
Glossary
Network

Thank you for your attention and participation!

Gracias por vuestra atención y participación!