Global Model and Observatory for International Responsible Research and Innovation Coordination

D6.3 Project Dissemination Dossier Part 1: 1st Period

"This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no 321489"

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Executive summary

This document is part one of D6.3 Project Dissemination Dossier which contains the most important dissemination material created in the 1st project period such as project borchures, leaflets and folders. Furthermore, the project press release as well as significant press articles/news are also to be found in this document, as they are published on the official website of the RESPONSIBILITY Project " http://responsibility-rri.eu ". Part two of D6.3 Project Dissemination Dossier will be submitted in the Month 35 of the project.

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II. RESPONSIBILITY Newsletter – January 2014

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III. Brochure of the RESPONSIBILITY Forum Workshop "Constructing the Forum on Responsible Research & Innovation". 11th February 2014, Brussels - Belgium

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IV. Brochure of the RESPONSIBILITY Workshop and First Asia Pacific Responsible Business Innovation. 19th of February 2014, Kuching, Sarawak, Malaysia.

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RRI related resources

- ProGReSS (Establishing a global network on responsible research and innovation (RRI) involving academia, SMEs, international organisations, policy advisors, research funders, NGOs and industry.
- GREAT (Governance for Responsible Innovation)
- Res-AGorA (Responsible Research and Innovation in a Distributed Anticipatory Governance Frame. A Constructive Socio-normative Approach)
- Responsible-Industry is an EU-funded project that explores how private corporations can conduct their research and innovation activities responsibly

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Global Model and Observatory for International Responsible Research and Innovation Coordination

Responsibility related videos

Responsibility related videos:

- The UK Framework in Responsible Research and Innovation in ICT project has produced a video to provide a simple introduction to the idea. This video is now available here: Responsible Innovation in ICT

- In the serie “RRI Interviews with Experts”, Progress Project interviewed some RESPONSIBILITY Team members:

  - Dr. Aki Menevidis

  - Prof. Rohaya Mohd

  - Prof. Philippe Goujon

  They answer the following questions on Responsible Research and Innovation (RRI):

  1) What does RRI mean for you?; 2) Why is it important?; 3) For whom is it important?; 4) Does it remind you of any earlier concepts or ideas?; 5) How global a concept do you think RRI is?; 6) What needs to happen next?; 7) Anything else you want to add?

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Videos from the RESPONSIBILITY pre-FORUM Workshop. February 11th 2014 in Brussels, Belgium.

Welcome from Project Coordinator: Dr. Aki Zaharya Menevidis (Fraunhofer) available here.

Introduction by Dr. John Pearson, Université de Namur – RESPONSIBILITY Project. Presentation available here.

Keynote I. Prof. Arie Rip: “The Past and Future of RRI”. Presentation available here.

Keynote II.- Dr. Jeanette Hoffman: Internet Governance Forum. Presentation available here.

Note from Ms. Hilary Sutcliffe available here.

Note from Prof. María Amparo Grau Ruiz available here.

Note from Prof. Elisabet Garriga Cots available here.

Note from Prof. Prof. Jacqueline Broerse available here. Presentation “RRI Transforming Science” available here.

Note from Mr. Isidoros Karatzas available here.

Note from Prof. Adriana Schiopoiu Burlea available here.

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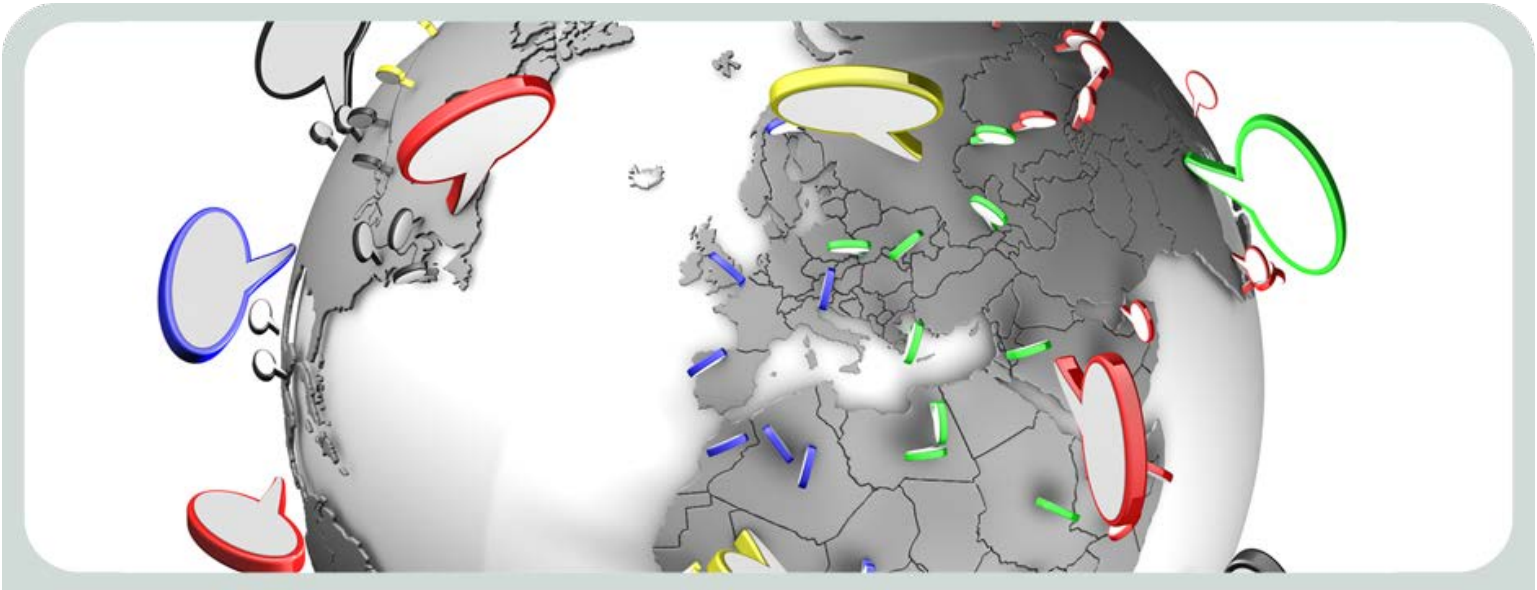

Response in the Media

- ‘Technology must relate to society’. Article by Wilfred Pilo at BORNEO POST Online. February 20, 2014, Thursday. Read more here.
- “RRI project vital for state’s energy sector, SCORE — Unimas Don”. February 20, 2014. BORNEO POST Online. Read more here.
- “UNIMAS to hold First Asia Pacific Responsible Business Innovation Workshop”. February 17, 2014. Universiti Malaysia Sarawak Official Portal. Read more here.
- “Vice-chancellor: Unimas focuses on technology that benefits society at large”. February 17, 2014. Universiti Malaysia Sarawak Official Portal. Read more here.

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on 20 February 2014.

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Vice-chancellor: Unimas focuses on technology that benefits society at large

It's official: Kadim striking a gong to launch the workshop as Rohaya (right) and Responsibility Project coordinator Dr Zaharya Menevidis look on. — ZULAZHAR

KUCHING: Universiti Malaysia Sarawak (Unimas) is committed to carrying out research that will benefit society.

Its vice-chancellor Prof Datuk Dr Mohamad Kadim Suaidi said this was in line with the need to develop technology which was accessible, affordable and appropriate to local communities, as encouraged by the Government, as well as the responsible research and innovation (RRI) concept practised by the university.

"If the technology we develop is unaffordable or unsuitable for our society, it will be useless. In this context, our research has to benefit society at large.

"So this is our concern at Unimas. When we disburse grants to research teams, we have to see that their projects have an impact on society," he said at the opening of the first Asia Pacific Responsible Business Innovation workshop organised by Unimas here yesterday.

Kadim said one example of a research project with a long-lasting impact on the local community was the university's eBario Innovation Village.

"The eBario project has made a significant impact on the lives of the people in Bario and is now being replicated in a few more selected sites around Malaysia, including for the Orang Asli community," he said.

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Meanwhile, organising chairman Dr Rohaya Mohd Nor said the two-day workshop focused on “Responsible Business as an Enabler of Innovation, with participants comprising researchers, scientists, professionals, policymakers and industry representatives.

“We will look at four broad perspectives, which are research development and commercialisation; participation and engagement; business innovation; and science and technology,” she said.

Source: The Star

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Universiti Malaysia Sarawak, 94300 Kota Samarahan, Sarawak, Malaysia Telephone: +60 82581000/+60 82581388, Fax: +60 82 665 088, Email: corporate@unimas.my
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on 17 February 2014.

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UNIMAS to hold First Asia Pacific Responsible Business Innovation Workshop

Kota Samarahan: The 'First Asia Pacific Responsible Business Innovation Workshop 2014' will be held by the RESPONSIBILITY project team of Universiti Malaysia Sarawak (UNIMAS) on 19th February, at Merdeka Palace Hotel and Suites, Kuching, Sarawak. RESPONSIBILITY stands for "Global Model and Observatory for International Responsible Research and Innovation Coordination".

The primary focus of the workshop is to encourage constructive dialogues between targeted stakeholders of Responsible Research and Innovation (RRI) and the Responsibility team. The Responsibility project aims to obtain views and feedback from stakeholders in the region with regards to the RRI, and their views about "Responsible Business as an Enabler of an Innovation". The project will further utilize the workshop outcomes as a learning tool to understand concerns and issues pertinent to the construction of Responsibility Forum and Observatory.

The project leader for Responsibility is Dr.-Ing. Zaharya Menevidis of Fraunhofer Institute, Berlin, Germany. The project is funded by the European Union Seventh Framework Programme (FP7/2007-2013). The Responsibility Consortium consists of 13 partners (10 institutions are from the EU countries; three institutions are from the non-EU countries). UNIMAS is one of the three institutions from the non-EU countries representing the Asia Pacific region.

Three keynote speakers, Prof Dr Jane Cardosa, Mr Goh Su Gim and Datuk Amar

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Wilson Baya Dandot are scheduled to speak at the event. This workshop is held in conjunction with the Third Annual Meeting of Responsibility that will take place at the same venue, 20th through 23rd February 2014.

The workshop is open to public. To find out more, please contact Dr. Rohaya Mohd Nor at This email address is being protected from spambots. You need JavaScript enabled to view it. / 082-584390.

Source: Bahagian Perancangan Dan Komunikasi Korporat, Universiti Malaysia Sarawak

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RRI project vital for state's energy sector, SCORE — Unimas Don

Posted on February 20, 2014, Thursday

KUCHING: The Responsible Research and Innovation (RRI) project is potentially an important forum in South East Asia, particularly Sarawak, says Universiti Malaysia Sarawak (Unimas) Vice Chancellor Prof Dr Mohamad Kudim Suaidi.

According to him, this is because the state has plans to expand its capabilities in developing the energy sector and Sarawak Corridor of Renewable Energy (SCORE) targets to have 10 high impact industries.

"This will complement the development plan and provide downstream opportunities for SMEs," he said before officially opening the First Asia Pacific Responsible Business Innovation workshop here yesterday.

"Essentially the national project is expected to increase demand in professional manpower and Unimas is poised to become a hub for knowledge workers to fuel the development and progress of SCORE," he added.

He further said the Responsibility Projects workshop focuses on developing an important forum to look into Responsibility Research and Innovation or RRI.

He said in the context of Asia Pacific region, approaching research and innovation responsibly such as by being responsible scientists, researchers, business planners, innovators or professionals is what Unimas practises.

As such, he revealed that Unimas has undertaken several systematic measures to ensure the disbursement of grants for research and innovation initiatives for projects that articulate and demonstrate scientific importance and generate impact to improve society's well-being.

"Unimas has been recognised internationally as an institution that integrates strongly in its approach in stimulating and encouraging research that contributes to community development and has won prestigious awards like e-Bario Innovation Village under the Institute of Social Informatics and Technological Innovations (ISITI), and two awards in the 1st Global Telecentre Awards organised by Telecentre.org Foundation."

He said these are some of the outstanding examples of Unimas version of RRI and he hoped the workshop would lead to substantial contributions that can be beneficial not just for Responsibility Project but also for European Commission and European experts who attempt to highlight the seriousness of RRI in the context of various practices.

Earlier, in her speech, coordinator of Responsibility Team of Unimas Dr Rohaya Mohd Nor hoped the workshop will allow the Malaysian research team to contribute to the Responsibility Project, particularly in understanding common shared values pertinent to RRI from the context of Asia Pacific region.

Unimas is one of the three institutions from non-EU countries representing Asia Pacific region. The main project leader is Dr Zaharya Menevidis of Fraunhofer Institute, Berlin, Germany.

The project is funded by the European Union Seventh Framework Programme.

The Responsibility Consortium consists of 13 partners (10 institutions are from EU countries and another three institutions from non-EU countries).

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Woman among 4 injured in attacks at two night spots
Syrian Kurds in Turkey recount Islamic State terror
Malaysia International Gourmet Festival to take place in October
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‘Technology must relate to society’

KUCHING: Technology should be built with the 3As in mind – accessible, affordable and appropriate – in order for it to be useful to society.

Mohamad Kudim presents a souvenir to Menevidis (left) after officially opening the First Asia Pacific Responsible Innovative Workshop. — Photo by Chimon Upon

This was pointed out by Universiti Malaysia Sarawak (Unimas) vice chancellor Prof Dr Mohamad Kudim Suaidi, who said it was also the government’s requirement.

“There is no point in having technology that is a misfit and not giving benefit to us,” he told a press conference after officially opening the First Asia Pacific Responsible Innovative Workshop here yesterday.

According to him, the 3A concept is crucial in the university’s research work.

The workshop was organised by Unimas Responsibility Research Team in collaboration with their strategic partners from Europe and South America in Responsibility and Research Innovation (RRI) consortium.

“It is the first time we bring this workshop to Sarawak in particular Unimas,” he said of the two-day workshop.

Dr Rohaya Mohd Nor from the Business Faculty of Unimas is the head of the Responsibility Team in Unimas and the chairperson of the workshop.

Meanwhile at the press conference, Rohaya revealed that RRI consortium is a concept already accepted in Europe.

“As network researcher for Unimas and other universities, we are accepted in the network and we are invited to the consortium once we submit our proposal.”

Rohaya explained that Unimas is seen as important from the aspect of RRI in areas that need to be explored such as halal products.

“If we are to start with the supply chain, we start at the halal concept from the mind of the scientist,” she explained.

Elena Tavlaki, the consortiums’ spokesperson, praised Unimas for promoting the RRI ever since it joined the consortium in 2007.

“We are proud to collaborate with Unimas in certain emerging fields,” she added.

On RRI, Tavlaki said the idea and concept behind it emerged from society itself – as many technologies were developing very fast and not easy to absorb but which every society was keen to follow.

“So the idea is to have this new technology and innovation to evolve with society. Meaning technology has to be with the society and for the society,” she stressed.

“And the work has started to be complicated and we cannot work as individuals or countries alone,” she added.

The co-ordinator for Responsibility Project Dr Zaharya Menevidis said from the engineering view, RRI is not only for Europe but for the whole world.

“When we talk about responsibility we know about the idea and learn from others.

“We then know the common definition and understanding among us. So this is what we hope from the workshop,” he said.

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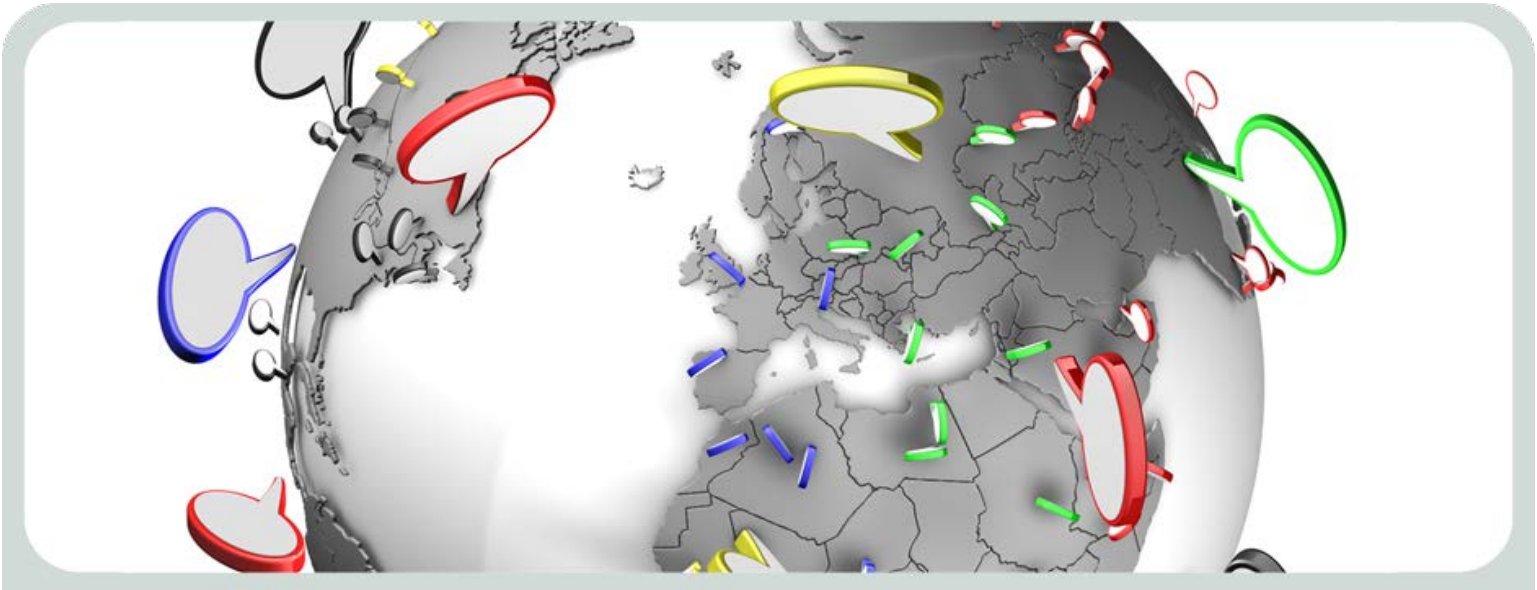

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PRESS RELEASE
22.05.2013

For Immediate Release

Global Model of Forum and Observatory for International Responsible Research and Innovation Coordination - RESPONSIBILITY -

The RESPONSIBILITY project was launched on 1st February 2013 and it will run for 3 years. It aims to create a Forum and a virtual Observatory, which facilitates the network of stakeholders to adopt and diffuse a common understanding in Responsible Research and Innovation (RRI) between different actors in Europe and around the globe. Indeed, in an increasingly globalised world, dedicated efforts should mainstream in order to engage stakeholders in an international cooperation for creating a common language for conducting and managing responsible research and innovation.

The RESPONSIBILITY Forum will 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 virtual Observatory of Responsible Research and Innovation will be a structure aiming to support the enhancement of common understanding, the diffusion of knowledge and the deployment of practical tools. The Observatory will improve the interaction among research outcomes and policy making, exploit the full potential of scientific achievements to be incorporated in the policy development and implementation. Practical and theoretical information will be easily assessable and usable by the societal stakeholders on this organised virtual place. It will be accessible for all interested citizens besides the policy makers and the researchers. Important societal issues interrelated to ethics, human dignity and privacy will be on the core of the Observatory outlook towards societal stakeholders.

The RESPONSIBILITY project also intends to provide a set of recommendations and tools to policy makers and active RRI stakeholders in order to take the necessary measures to nest responsible research and innovation into products and services from the very beginning. The RESPONSIBILITY project will have an extensive societal, economic and research impact.

The RESPONSIBILITY consortium consists of 13 partners, from 7 EU and 3 non-EU countries. The **Fraunhofer-Institut für Produktionsanlagen und Konstruktionsanlagen IPK in Berlin** is coordinating the project. The total budget of the RESPONSIBILITY project is estimated to reach the amount of approx. € 1, 77 M.

Ends

Notes to editors

RESPONSIBILITY is co-funded within the Seventh Framework Programme (FP7) - Topic SiS.2012.1.2.1-1: International Coordination in the field of Responsible Research and Innovation. The thirteen consortium members are: 1) Fraunhofer-Gesellschaft zur Förderung der angewandten Forshung E.V, Germany, 2) Signosis, Belgium, 3) De Montfort University, United Kingdom, 4) Facultés Universitaires Notre-Dame de la paix de Namur, Belgium, 5) Technische Universitaet Berlin, Germany, 6) The chancellor, Masters and Scholars of the university of Oxford, United Kingdom, 7) Geoimaging LTd, Cyprus, 8) Universita'degli studi di Siena, Italy, 9) University of the Aegean-Research Unit, Greece, 10) Universiti Malaysia Sarawak, Malaysia, 11) Universidad de Chile, Chile, 12) Kokuritsu Daigaku Hojin Kyushu Kogyo Daigaku Kyutech, Japan, 13) Arbeiter-Samariter-Bund Wien Gesundheits und soziale Dienste, Austria.

Fraunhofer-Institut für Produktionsanlagen und Konstruktionsanlagen IPK in Berlin, (www.ipk.fraunhofer.de), conducts applied research and development on future-oriented technologies for production processes in factories. Furthermore, its activities are extending into new areas of application in the flourishing fields of medical technology, service robotics, traffic management, globalization management, virtual product and process development, product manufacturing, process control and optimization, and safety, security and testing systems.

Signosis is a Brussels based consultancy specializing on managing research activities and on providing innovative advisory services. Signosis possesses a diverse and in-depth knowhow in management consulting and its advisory areas range from Information and Communication Technologies to social policy and sustainability, as well as to additional disciplines focusing on promoting and implementing innovation in private and public organisations. Signosis positions itself in the international market, aiming to contribute on the transition from a traditional economy to an economy based on knowledge and innovation.
http://www.signosis.eu/

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Responsibility Workshop

First Asia Pacific Responsible Business Innovation

19th of February 2014
Kuching, Sarawak, Malaysia

Enabling Stakeholder Engagement on Responsible Research and Innovation

RESPONSIBILITY Project is co-funded by the European Commission
in the context of the FP7 programme

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Jalan Tun Abang Haji Openg
93000 Kuching, Sarawak, Malaysia

Merdeka Palace Hotel & Suites

Conference Room
"Dewan Perpaduan 1, 1st Floor"

Workshop chair
Rohaya Mohd Nor

Host Institution
Universiti Malaysia Sarawak
94300 Kota Samarahan
Sarawak

Scientific Secretariat
Mohamad Ajami

Rapporteur
Nadianatra Musa

The purpose of the workshop is to bring together various stakeholders from different background and business entities that directly or indirectly play a role in promoting, practicing or propagating Responsible Research and Innovation (RRI) in the context of Asia Pacific region. As this workshop is the first to be conducted in Asia Pacific, hence its primary focus is to open a constructive dialogue with business and other stakeholders from Malaysia and other part of Asia Pacific Region. Through this workshop, the RESPONSIBILITY project can obtain views and positions regarding certain areas that the project could take action implementing its strategy, on the dissemination and integration of Responsible Research and Innovation. The RESPONSIBILITY project aims also to learn from invited participants and listen about business concerns and ideas, and exchange views on new proposals about RRI tools, engagement processes, operation and shared value to society. The workshop is expected to add value to the RESPONSIBILITY Forum and Observatory, and getting access to ideas to promote business innovation through partnerships for both business and the society.

Kuching, Sarawak, 19th February 2014

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Dr.-Ing. Zaharya Menevidis

Project Co-ordinator

Fraunhofer-Institute

For Production Systems and Design Technology IPK

Dear participants of the workshop,

Welcome to the "First Asia Pacific Responsible Business Innovation" workshop organized by our partner from Universiti Malaysia Sarawak (UNIMAS).

Despite the long journey that most of us, UNIMAS's partners have to endure, yet this does not stop us to reach Sarawak, Malaysia to be here at this important event. It is because the RESPONSIBILITY Consortium is built on trust and strength that complemented each other's expertise to drive towards the attainment of the project outputs and deliverables. The RESPONSIBILITY Consortium is committed to support partners to play their role in contributing to the project. In the Asia Pacific region, RESPONSIBILITY has two consortium partners, one in Malaysia and another in Japan. As a project co-ordinator and representing another 11 members from the Consortium (from Austria, Belgium, Chile, Cyprus, Germany, Greece, Italy and United Kingdom), it is an exciting moment for us as a team to be together with the Malaysian participants and others from the region in this workshop.

For your information, RESPONSIBILITY or "Global Model and Observatory for International Responsible Research and Innovation Coordination" is a

Coordination Action project. It is co-funded by the European Commission in the context of the FP7 programme. The project sets to deliver two important applications relevant to RRI or Responsible Research and Innovation, which are the RESPONSIBILITY Forum and Observatory. We are really glad for this opportunity to learn from our stakeholders from the Asia Pacific region. The participants' views and feedback, as our international stakeholders for the project, are very valuable to facilitate our future research actions and activities. RESPONSIBILITY's strategies and activities disseminate and integrate features of Responsible Research and Innovation. Hence, the input from this workshop, particularly on some common international shared values, can be very valuable for the construction of RESPONSIBILITY Forum and Observatory to reflect on the elements such as participatory and reflexive design, cultural sensitivity, democratic process and open dialogues.

On behalf of the RESPONSIBILITY Consortium, I would like to say thank you to the Vice Chancellor of Universiti Malaysia Sarawak for officiating and launching the RESPONSIBILITY Workshop "First Asia Pacific Responsible Business Innovation". My appreciation also goes to the three keynote speakers for taking up invitations from the UNIMAS Organizing Committee to share their views and experience relevant to RRI.

To the workshop participants, thank you for being with us today. Our RESPONSIBILITY team today will be together with you, not just as facilitators but also as professionals. Through the role of our partner, UNIMAS, we can create a good international network.

Finally, as a RESPONSIBILITY project co-ordinator, I'd like to congratulate the RESPONSIBILITY research team of UNIMAS for materializing their ambition to launch and organize this workshop in the Asia Pacific region.

I wish all of you fruitful and productive workshop sessions!

On behalf of the RESPONSIBILITY team.

Dr.-Ing. Zaharya Menevidis
Poject Co-ordinator

Letter from Project Co-ordinator of RESPONSIBILITY Team at Universiti Malaysia Sarawak

Rohaya Mohd Nor, PhD

Project Co-ordinator of RESPONSIBILITY Team, Universiti Malaysia Sarawak

Universiti Malaysia Sarawak

Faculty of Economics and Business

Dear participants of the workshop,

It was in Brussel on September 2013, on my way to the Second RESPONSIBILITY Annual Meeting with the RESPONSIBILITY Project Coordinator Dr.-Ing. Zaharya Menevidis, when I mooted the idea about launching and conducting the "First Asia Pacific Responsible Business innovation" workshop. This workshop should be held in conjunction with our Third Annual Meeting of RESPONSIBILITY that will take place in the beautiful state of Sarawak, Malaysia on 20th – 23rd February 2014. The idea about the workshop was further deliberated during the meeting.

Responsible Business Innovation is an important theme that will set the course for the Malaysian research team to contribute to the RESPONSIBILITY project, particularly to capture and obtain the understanding and common shared values pertinent to Responsible Research and Innovation or RRI, from the context of Asia Pacific region. The workshop is the first to be initiated in this region, where the central focus is about "Responsible Business as an Enabler of Innovation". The invited participants for the workshop consist of researchers, scientists, professionals, technologists, innovators, policy makers, industry representatives, as well as civil societies. The participants in this workshop are no doubt, representing the targeted institutions relevant to the project. The participants' positions and opinions, or in other

words, their “voices” reflect the complexity of elements related to socio-cultural, political, environmental, legal and ethical values of business and society in Asia Pacific region, in which can be very valuable to the project. The prominent speakers, who are being invited to share their views in the workshop, are very influential professionals in delivering their roles and services, not just in the context of Malaysian business environment, but also at the Asia Pacific region. The outcomes from this workshop will be very valuable for RESPONSIBILITY to construct and deliver RESPONSIBILITY Forum and Observatory.

On behalf of the UNIMAS Responsibility Research Team, I would like to express our sincere gratitude to UNIMAS Vice Chancellor, Deputy Vice Chancellors and top management, UNIMAS Research Innovation and Management Centre, our keynote speakers and the RESPONSIBILITY Consortium partners, who will join together with us in this workshop, as facilitators.

To the invited participants, thank you for your participation. The UNIMAS Responsibility Research Team will ensure that the connection that we have today, the network that we create today, and the generated outcomes from the workshop can lead to something substantial where the “Second Asia Pacific Responsible Business Innovation” will take the role to address and deliver.

I wish all of you, a stimulating dialogue session and an enjoyable journey with us, the RESPONSIBILITY team, in this workshop today.

Thank you.

Rohaya Mohd Nor, Ph.D
Workshop chair

The RESPONSIBILITY Project

Aim, Objectives and Expected Result

RESPONSIBILITY is an exciting project partially funded by the European Commission's 7th Framework Programme. The project aims to co-ordinate the adoption and diffusion of Responsible Research and Innovation (RRI) in the European Union and beyond. The full title of the project is "Global Model and Observatory for International Responsible Research and Innovation Coordination". The main aim of RESPONSIBILITY is to co-ordinate the dissemination of RRI and to engage with the actors of RRI to an active participatory development of the concept and the practices for RRI. This will be done by setting up opportunities for interaction and deliberation between the main stakeholders affected by RRI (including business, policy makers, researchers and civil society), and by developing tools to allow for the practical application of RRI in the innovation process. The first of these tasks (interaction between stakeholders) will be accomplished mainly by setting up an online RRI Forum. The second of the tasks (developing and applying RRI tools) will mainly be accomplished by setting up an RRI Observatory.

The aim of RESPONSIBILITY is to develop a set of tools for the dissemination and integration of Responsible Research and Innovation. RRI introduces a more explicit concern for societal benefits into the Research and Innovation process, alongside more established considerations such as economic benefits and scientific excellence. The following five criteria are some of the main features of RRI:

Key features of responsible research and innovation

1. Open and transparent research and innovation processes

2. On-going involvement and engagement of affected stakeholders throughout the research and innovation process

3. Assessment that is sensitive and sensitized to social and environmental risks and impacts, as well as economic, technological and commercial benefits of innovations

4. Research and innovation that is focused on meeting societal needs and addressing grand social challenges

5. Flexible, adaptive research and innovation processes that are able to change the approach of research and innovation in response to new needs and problems and ever-changing contexts and circumstances.

Continuous dialogue and interaction between research and innovation stakeholders is central to the success of RRI. For this reason, the organization of the First Asia Pacific Responsible Business Innovation Workshop is a vital component of the RESPONSIBILITY project because it will allow and stimulate dialogue between international stakeholders, the construction of an RRI network and community.

Objectives of the Workshop

As this workshop is the first to be conducted in Asia Pacific, hence its primary focus is to encourage constructive dialogues between targeted stakeholders of RRI and RESPONSIBILITY project consortium. The RESPONSIBILITY project consortium consists of 13 partners (10 institutions are from the EU countries; 3 institutions are from the non-EU countries).

The main purpose of the workshop is to bring together various stakeholders from different background and business entities that directly or indirectly play a role in promoting, practicing or propagating Responsible Research and Innovation (RRI) in the context of Asia Pacific region. As this workshop is the first to be conducted in the region, hence its main focus is to open a constructive dialogue with business and other stakeholders from Malaysia and other part of Asia Pacific countries. Through this workshop, the RESPONSIBILITY project can obtain views and positions regarding certain areas that the project could take action implementing its strategy, on the dissemination and integration of Responsible Research and Innovation. The RESPONSIBILITY project aims also to learn from invited participants and listen about business concerns and ideas, and exchange views on new proposals about RRI tools, engagement processes, operation and shared value to society. The workshop is expected to add value to the RESPONSIBILITY Forum and Observatory, and getting access to ideas to promote business innovation through partnerships for both business and the society.

The outcomes from the workshop can be a valuable learning tool to understand concerns and issues pertinent to the construction of RESPONSIBILITY Forum and Observatory.

The invited stakeholders as participants of the workshop will be guided to identify key issues that are pertinent in the context of RRI, and supporting the notion of Responsible Business as An Enabler of Innovation. An indicative list of questions that can stimulate dialogues and discussion during the workshop sessions is as follows:

- How are researchers, innovators and policy makers engaging with civil societies and local communities to set up R&D and innovation agenda and priorities? In what ways the communication channelsv are established in this context?

- Does the researchers, innovators and policy makers view that a systematic process of obtaining input and feedback from the affected citizens is important? If yes, what are the effective mechanisms to obtain views and feedbacks from citizens or communities that will be / are affected by the outcomes of innovative products or services available through market?

- What are the views and perceptions of users/ citizens/communities with regard to business innovations and research priorities, agenda and outcomes?

- How can researchers, innovators and policy makers capitalize upon open dialogues or forum as a means to enable innovation that can generate positive impact to society?

- What are some of key issues (ethical, social, environmental and governance) that can impact on business and industry's initiatives to produce and market innovative products and services?

- What are the views and feedbacks from RRI stakeholders in Malaysia with regard to RRI initiatives? What particular issues that one should consider to systemize RRI initiatives, and further mainstreaming RRI concepts and values within the innovation process, framework and agenda relevant to stakeholders' context.

- All the participants will be invited later to submit between 2-6 pages write-up for case submission to be published in the workshop proceeding.

Outline Agenda

08:15	Registration
09:00	Opening Remark Welcome and Introduction by the Workshop Chair, Dr. Rohaya Mohd Nor Welcome from the RESPONSIBILITY project Coordinator, Dr. Zaharya Menevidis Officiating Speech by Prof Dato' Dr Mohamad Kadim bin Suaidi, Vice Chancelor of Universiti Malaysia Sarawak
09:30	Keynote Presentations Prof Dr. Jane Cardosa (Chief Scientific Officer, Sentinext Therapeutics Sdn Bhd) Datuk Amar Wilson Baya Dandot (CEO, Regional Corridor Development Authority, Sarawak) Mr. Goh Su Gim (Security Advisor of F-Secure for Asia Pacific region)
10:45	Refreshment
11:15	Discussion and Dialogues Group 1: R&D and Commercialization (Governance Policies & Procedures) Group 2: Business Innovation and Application of RRI Group 3: RRI in Science, Technology & ICT (Design, Development and Application) Group 4: RRI Participation and Engagement
13:00	Lunch
14:00	Group Presentation
15:00	Presentation from Prof Phillipe Goujon, Namur University Summary and Conclusion by Elena Tavlaki and Rohaya Mohd Nor
15:45	Coffee break
16:00	Free Paper Presentation (Parallel Sessions)
17:30	End of Session

Profile of the Vice Chancellor of Universiti Malaysia Sarawak

Prof Dato' Dr. Mohamad Kadim Suaidi

Vice Chancellor
Universiti Malaysia Sarawak

Professor Dato' Dr. Mohamad Kadim Suaidi became the sixth Vice Chancellor of Universiti Malaysia Sarawak (UNIMAS) on 16th April 2013. Previously, he was Deputy Vice Chancellor (Academic) of the University Technical Malaysia Melaka (UTeM), effective from 1st January 2012 until 31st December 2014. Former posts also included Deputy Vice -Chancellor (Research & Innovation) of University Technical Malaysia Melaka, from 15th January 2010 until 31st December 2011. He obtained both BSc in Physics with Electronics and MSc in Microwave Solid State from University of Portsmouth, UK. He obtained a doctorate degree from University of Technology Loughborough, UK. At UTeM, he hold various important positions including the Director of Research Innovation and Management Centre, Dean of University Industry Centre, Senate Member and the Board of Directors of UTeM Holding Sdn Bhd.

He was also appointed as an External Assessor for the appointment of Professor and Associate Professor, and as External Examiner for the degree of masters and doctorate (PhD). Another of his notable contributions in Higher Education sector is through his appointment as the Programme Coordinator "KPT Western Digital Campus Connect". He was also appointed by Institute of Electrical & Electronic Engineers (IEEE) to chair international conferences for International Symposium on Broadband Communications (ISBC) and Asia Pacific Conference on Electromagnetic Applications (APACE).

Invited Keynote Speaker

Prof Dr. Jane Cardosa

Chief Scientific Officer

Sentinext Therapeutics Sdn Bhd

Dr. Jane Cardosa completed a bachelor's degree at Princeton University in 1974, a M.Phil at Columbia University in 1975 and a D.Phil. at Oxford University in 1984. She has extensive experience conducting research in developing countries, and has combined basic research with translational research in Penang and in Sarawak, Malaysia. She has also been actively involved in disease surveillance activities, especially for dengue, Japanese encephalitis and enterovirus 71, as well as for other emerging diseases. Dr. Cardosa has served on a number of international scientific boards and committees, using the insight she has developed working in developing countries to address global health problems.

Among others, she has been a member of the WHO Advisory Group on dengue and other flavivirus vaccines; the Scientific Board of the Bill & Belinda Gates foundation initiative, Grand Challenges in Global Health, and currently is on the Scientific Advisory Board of the Grand Challenges Canada. In February 2009 she had the honour of giving a Tanner lecture on emerging infectious diseases on the occasion of the 500th anniversary of Brasenose College, Oxford University. Dr. Jane Cardosa is now a Chief Scientific Officer at Sentinext Therapeutics Sdn Bhd.

Invited Keynote Speaker

Mr. Goh Su Gim

Security Advisor
of F-Secure for Asia Pacific

Mr. Goh Su Gim is a Security Advisor who represents F-Secure in the Asia Pacific region, where he is actively involved in activities that raise public awareness of the IT threat landscape. He can be found giving talks in conferences, and acting as a liaison between the public and the local F-Secure office in Kuala Lumpur. He stays on top of the latest IT security related news, blogs about the latest threats and attacks or interesting findings from the F-Secure Labs, and provides advisories to the general public and media should there be any virus outbreak. Prior to the advisory role, Su Gim was the Manager of the Threat Insight team at the F-Secure Response Labs in Kuala Lumpur. He led the team, which handles file reputation, vulnerability, web reputation and anti-phishing services, to focus on proactive response in approaching upcoming issues in the threat landscape.

The team employs preventive measure in ensuring that users' are constantly protected; its routine tasks include hunting for threats, maintaining clean file collection, responding to vulnerability issues, and conducting research on exploits. Su Gim's past 12 years of IT security experience includes working for several companies in the USA in the area of IT system integration, IT security consulting (network and systems design), penetration testing and assessment, and working at a 24/7 security operations center. Prior to returning to Malaysia, he lived in Hawaii, USA, for 12 years.

Invited Keynote Speaker

Datuk Amar Wilson Baya Dandot

Chief Executive Officer

Regional Corridor Development Authority of Sarawak

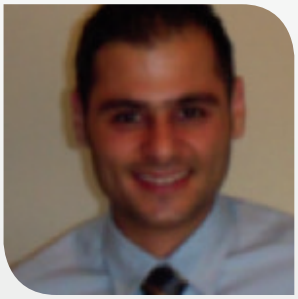
Datuk Amar Wilson Baya Dandot served as State Secretary of Sarawak from January 1, 2007 to January 1, 2008. Datuk Dandot served as Deputy State Secretary of Planning & Development of Sarawak from 2000 to June 30, 2004. He served as a Director of State Planning Unit of Sarawak from 1995 to 2000, Deputy State Secretary of Human Resources from July 1, 2004 to June 30, 2006,Deputy State Secretary of Administration, Security & Protocol from July 1, 2006 to December 31, 2006, Deputy Director/ Principal Assistant Director from 1990 to1994 and its' Assistant Secretary from 1973 to 1977. Datuk Dandot also served as a Project Director for Kalaka-Saribas Integrated Agricultural Development Project, Ministry of Agriculture from 1986 to 1989, Principal Assistant Secretary from 1983 to 1985, and SPU Economist for International Pepper Community Jakarta, Indonesia from 1977 to 1983.

He has been a Non-Independent Non-Executive Director of Sarawak Energy Berhad (SEB)(formerly Sarawak Enterprise Corporation Berhad) since January 31, 1996 Datuk Dandot serves as Director of Employees Provident Fund Board (EPF Board), Sarawak Economic Development Corporation Board (SEDC) and Malaysian Institute of Research (MIER). He served as a Director of Malaysian Airline System Bhd since January 11, 2008. Datuk. Dandot holds a Bachelor of Economics degree from the University of Western Australia and a Masters degree in Development Economics from University of Sussex and has attended a Senior Executive Fellows Programme at JFK School of Government, Harvard University.

RESPONSIBILITY Consortium Partners

Dr.-Ing. Aki Zaharya Menevidis

... received his degree in electrical engineering and his Ph.D. on remote diagnostics on machine tools at the Technical University Berlin. He is a researcher at the Fraunhofer IPK in Berlin since 1980. He worked on and managed several national and international projects concerning design and development of special purpose processors, communication technology and networks in production, office and building automation, distributed systems and applications in production environment and systems for safety and security based on biometry and motion analysis. Dr. Menevidis is also the quality assurance manager of the division automation technology and member of the scientific and technical council of Fraunhofer.



Dipl. Ing. Mohamad Ajami

... graduated from the Technical University of Berlin in the year 2011, and he had his major in Computational Science, with emphasis on Image analysis, and Industrial robotics. He has been working in Fraunhofer since the beginning of 2011 as a scientific assistant in the division automation technology and the department of security technology.

Elena Tavlaki

... is the founder and Director of Signosis. Elena has worked for the Hellenic Telecommunications Organization (OTE), where she held various positions in key business units before joining the Research Programs Division, where she coordinated and participated in many large national and international collaborative research projects. She also worked as a freelance consultant and she was the Director of Research in ARACHNI Ltd, an Athens based innovative IT company, where she was responsible for the management and implementation of large FP7 research projects. Elena obtained a Diploma in Mining and Metallurgist Engineering from the National Technical University of Athens (NTUA) and a Masters Degree in Business Administration from the University of Piraeus.

Dimitris Micharikopoulos

... is a senior partner at Signosis. He has over 15 years research and consulting experience, working in the fields of employment, social protection, sustainability, corporate responsibility and regional development and has directed and participated in a large number of projects in related fields. In the past he held research and managerial positions in consultancies and in leading Greek scientific institutions on social and employment issues and was a senior advisor for ministries, government agencies and local authorities. He has also led corporate responsibility consulting projects for big corporations and demonstrates a proven record of experience in the fields of social policy and sustainability, in both the private and the public sector. Dimitris holds a degree in Law from the University of Athens. He also completed postgraduate studies in International Economic.

Philippe Goujon

... is Professor in the department of Information Technology at the University of Namur and Founder and Director of LEGIT. His research focuses on the epistemology and ethics of the governance of emerging and new technologies. He has published in the ethics of fields such as artificial life, biotechnology, genomics, and informatics. He has been involved in the ETICA, EGAIS and IDEGOV projects. He is currently involved in the CONSIDER project and is director of the GREAT project.

Dipl.-Soz. tech. Michael Hahne

... graduated in Sociology and Technology Studies with a minor in Computer Science from the Technical University of Berlin in 2004. His research interests are in the fields of technology & innovation studies, technology acceptance, human centred and participatory design. Since 2010 he is vice-head of the human technology lab which he co-founded with Dr. Leon Hempel. The human technology lab focuses on the cooperation of social scientists and engineers in the context of human centered technology assessment and development. Michael Hahne is member of the 4S (Society for Social Studies of Science) and the Section for Science and Technology studies of the German Society for Sociology (DGS). In the past decade he was involved in numerous projects.

Dr. Menisha Patel

... is a Research Associate at the Oxford e-Research Centre working on the RESPONSIBILITY Project. Menisha recently completed her Phd at King's College London within the Department of Management. For the past six years since graduating from her undergraduate degree in Business Management at King's College London, Menisha has been involved in a number of similar qualitative studies. These have included investigating occupation practice in various domains to derive sociological and technological insights, and also conducting quasi-naturalistic experimental studies to investigate the use of and convey implications for prototype technologies.

Kostas Smagas

... received his degree in International & European Economic & Political Studies, from the University of Macedonia, Greece in 2003. In 2005 he received his Master of Science in Public Administration from the Leiden University, The Netherland. Kostas Smagas is participating in the project and program management of the company. He is expert in consulting and involved as a project member in various projects providing consultation services and technical assistance in thematic areas such as strategic and business planning, action plan and structure reorganization of public & private enterprises. He is also expert in website development using open source applications and in Science Communication strategy and implementation.

Dr. Stratos Stylianidis

... received his diploma as Surveying Engineer in 1996 from the Aristotle University of Thessaloniki. In 2001, his received his PhD in the area of Photogrammetry and Geographical Information Systems from the same university. He is member in various International Organizations, such as ISPRS, CIPA and ICOMOS. During the last 15 years he prepared 2 thesis, 44 scientific publications for journals and conference proceedings and 1 book. He is a reviewer in several scientific journals. In the research field, Dr. Stylianidis participated in 30 research projects funded by national and EU resources; in 4 as Scientific and Project Manager.

Dr. Giovanni Giambene

... received the Dr. Ing. degree in Electronics in 1993 and the Ph.D. degree in Telecommunications and Informatics in 1997, both from the University of Florence, Italy. From 2000 to 2003, he contributed to the "Personalised Access to Local Information and services for tourists" (PALIO) IST Project within the EU FP5 programme. He participated in the SatNEx I & II network of excellence (FP6 programme, 2004-2009) as work package leader of two groups on radio access techniques and cross-layer air interface design for satellite communication systems and the FP7 Coordination Action "Road mapping technology for enhancing security to protect medical & genetic data" (RADICAL) as work package leader on security challenges for e-health applications. At present, he is involved in the ESA SatNEX III research project (CoO3 on "Smart Gateway Diversity"), in the COST Action IC0906 "Wireless Networking for Moving Objects" (WiNeMO), and in the FP7 Coordination Action named "Responsibility". He is author of more than 120 papers on internationally-recognized journal of conferences.

Petra Hellmich

... is department manager, nursing director, quality manager, hygiene expert, internal auditor and teaching nurse at Arbeiter-Samariter-Bund Wien. After finishing first a technical secondary school and then a nursing school, she graduated in nursing science at Vienna University and continued her postgraduate education in nursing management, quality management, project management, and acquired accreditation for managerial function, as nursing instructor and for hospital hygiene. She also worked in a renowned hospice in Vienna and in different leading positions in Vienna nursing homes during the early stages of her career.

Dr. Rodrigo Verschae

... received his B.S. degree in computer engineering and his diploma in electrical engineering from the Universidad de Chile (Santiago, Chile) in 2002 and 2003, respectively. He received his M.S. degree in applied mathematics from the École Normale Supérieure de Cachan (France) in 2006 and his doctoral degree in electrical engineering from the Universidad de Chile (Santiago, Chile) in 2010. In 2003, he was with the Center for Web Research of the Universidad de Chile, in 2004 he was with the Department of Security Technologies, IPK Fraunhofer Institute (Berlin, Germany), and in 2009, he was with the Network Design Research Center, Kyushu Institute of Technology (Fukuoka, Japan). Currently, he is a FONDECYT postdoctoral research fellow (Grant N. 3120218) at the Advanced Mining Technology Center of the Universidad de Chile. His research interests include computer vision, robot vision, and machine learning, areas where he has over 40 publications. He is a Member of the IEEE Computational Intelligence Society, the IEEE Robotics and Automation Society, and the IEEE Systems, Man, and Cybernetics Society.

RESPONSIBILITY Research Team at Universiti Malaysia Sarawak (UNIMAS)

Dr. Rohaya Mohd Nor

... completed her PhD, specializing in Management Information Systems, from Imperial College London, UK. She obtained her BSc Degree in Management (with MIS) from Purdue University, US and a masters in Information Systems from Melbourne University, Australia. She is currently a Senior Lecturer at the Faculty of Economics and Business, UNIMAS. In general, her research focuses on the utilization and impact (social, ethics and legal) of information systems applications. At present, she is leading the UNIMAS RESPONSIBILITY research team. In addition, she is also the project leader for two research projects funded under Malaysia Fundamental Research Grant Scheme (FRGS): "Sensitizing Stakeholder's Engagement in Promoting Responsible Business Innovation" and "Constructing Prevention Framework about Pandemic Influenza Outbreak for Rural Communities". Previously, she was involved in ETHICAL (Promoting International Debate on Ethical Implications of Data collection, use and retention for Biometric and Medical Applications) project funded by the European Commission FP7 programme.

Dr. Alvin W. Yeo

... is the Director of the Institute of Social Informatics and Technological Innovations (ISITI), and an Associate Professor at the Faculty of Computer Science and Information Technology, where he also heads the Sarawak Language Technology (SaLT) Research Group. He earned his PhD and Bachelor of Computing and Mathematical Sciences (Hons) from the Computer Science Department, University of Waikato, New Zealand. Alvin has expertise in the area of Information Systems, specifically in Information and Communications Technology for Rural Development (ICT4RD) and human computer interaction (HCI). His ICT4RD research has resulted in numerous publications. Furthermore, Alvin has helped UNIMAS to become internationally recognised in ICT4RD, by garnering 1 national, and 3 international awards for the eBario project, including the CAPAM Innovation award which beat 112 international submissions worldwide. Alvin has over 100 publications in HCI and ICT4D, completed 19 research projects, and has/is involved in projects with a total value of approx. RM 12 million (USD4 mil). These projects include collaboration with not only local but also international researcher.

Dr Nadianatra Musa

... is specialized in Information Systems. She obtained a PhD (IS/IT Security Governance) from University of Tasmania, Australia, a MSc of Information Systems from University of Tasmania, Australia and BSc Computer Science (Hons) from Universiti Teknologi Malaysia (UTM), Malaysia. Her research of interests are IS/IT Security Governance, Information Systems Security and IT Governance E-Government services, governance(provenance), the interaction between formal, informal and technical components over IS/IT security implementation and course management system. She is currently Head of Information Systems Department at the Faculty of Computer Science and Information Technology.

Dr Nariman Singmamae

... is an Emergency Physician, a Medical Lecturer and a Phase II Coordinator at Faculty of Medicine and Health Sciences, Universiti Malaysia Sarawak (UNIMAS). She is also attached with Emergency and Trauma Department, Sarawak General Hospital. She obtained her degree in MBBS from Daw Medical College Karachi, Pakistan and her specialty in emergency medicine (MEmMed) from Universiti Kebangsaan Malaysia (UKM). Her area of interest, besides teaching and training, is about using simulation in the medical education.

Dr Mahani Abdu Shakur

... is a senior lecturer at the Department of Business Management, Faculty of Economics and Business, Universiti Malaysia Sarawak (UNIMAS). She obtained her PhD from Loughborough University, UK in the area of business management. She received her MSc in Business With Information Technology from Salford University, UK and her BA (Hons) Business and Accounting University of Bolton, UK. Her research interests are in the area of e-commerce marketing, strategic internet adoption and implementation and ethics in marketing / e-marketing. She has been actively participated and facilitated various workshops including educational based workshops for both graduate and undergraduate students in UNIMAS and socially based workshops for the international graduate students and staff during her study at Loughborough University. She is also active in community works.

Dayang Hanani Abang Ibrahim

... is a lecturer of Computer Science at the Faculty of Computer Science and Information Technology, Universiti Malaysia Sarawak (UNIMAS). She received her Master in Information Management and Systems from Monash University, Australia. Study specialisation in Decision Support Systems and Information Systems Development. She also received her BSc Degree in Computer Science (Hons) from University Teknologi Malaysia (UTM), Malaysia. Her research interests are Knowledge Management, Provenance and Reproducibility, Governance (Provenance) and Course Management System. At present, she is the project leader for research funded under Malaysia Fundamental Research Grant Scheme: "An Enhancement of Provenance Model to Incorporate Service Versioning" and program coordinator for Information Systems Department at the faculty.

Muhammad Hafiz Bin Mohd Shukri

... obtained his Bachelor of Laws (LLB) from International Islamic University Malaysia. He also obtained his Master of Law (LLM) from National University of Malaysia. He is currently a law lecturer at the Faculty of Economics and Business, University Malaysia Sarawak. His research areas include migration law, contract law, family law, child law and research related to legal rules or policies.

RESPONSIBILITY Project partners

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Global Model and Observatory for International Responsible Research and Innovation Coordination

Summary Report of the "First Asia Pacific Responsible Business Innovation Workshop 2014"

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WP 6.1 DISSEMINATION AND EXPLOITATION STRATEGY			
Document No.		**Appendix**	
Workpackage No.	**WP6**	Workpackage Title	**Dissemination and Awareness Raising**
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Author(s)		**Rohaya Mohd Nor**	
Editor			
Contributors			
Status*		**R**	
Date		**1st March 2014**	

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4	University of Namur	
5	Technical University of Berlin	
6	University of Oxford	
7	GeoImaging Ltd	
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Glossary

Abbreviations

Term	Explanation
UNIMAS	Universiti Malaysia Sarawak
R&D	Research and Development
ICT	Information and Communication Technology
GREAT	Governance frameworks for Responsible Research and Innovation
ISITI	Institute of Social Informatics and Technological Innovations
IWF	Institute for Machine Tools and Factory Management
LEGIT	Laboratory for ethical Governance of information Technology
NDRC	Network Design Research Center
PTZ	Technische Universität Berlin in the Production Technology Center
Res-AgorA	Responsible Research and Innovation in a Distributed Anticipatory Governance Frame.
RRI	Responsible Research and Innovation
SiS	Science in Society
SME	Small and Medium-sized Enterprises
WP	Work Package

Executive Summary

On 19 February, 2014, RESPONSIBILITY Consortium led by UNIMAS research team organized a workshop "The First Asia Pacific Responsible Business Innovation 2014" to bring together various stakeholders from different background and business entities that directly or indirectly play a role in promoting, practicing or propagating Responsible Research and Innovation (RRI) in the context of Asia Pacific region.

As this workshop is the first to be conducted in the region, hence its main focus is to open a constructive dialogue with business and other stakeholders from Malaysia and other part of Asia Pacific countries. Through this workshop, the RESPONSIBILITY project aims to obtain views and positions regarding certain areas that the project could take action implementing its strategy, on the dissemination and integration of Responsible Research and Innovation. The RESPONSIBILITY project also aims to learn from invited participants and listen about business concerns and ideas, and exchange views on new proposals about RRI tools, engagement processes, operation and shared value to society. The workshop participants comprised of 3 invited keynote speakers, and 40 stakeholders. The workshop facilitators comprised of UNIMAS research team (7 members) and the RESPONSIBILITY consortium partners (14 members). The invited stakeholders were mostly attached with either industry, university, R&D institute or government agencies in Malaysia. The workshop was launched by the Vice Chancellor of UNIMAS. This one-day workshop was held in conjunction with the Third Annual Meeting of RESPONSIBILITY, and took place at Merdeka Palace Hotel & Suites, Kuching, Sarawak, Malaysia.

The event began with opening remarks from Dr Rohaya Mohd Nor (Workshop Chair) and Dr Zaharya Menevidis (RESPONSIBILITY Project Coordinator), and then followed by Officiating Speech by Prof Dato' Dr Mohamad Kadim Suaidi, the Vice Chancellor of UNIMAS. The keynote presentations started with Datuk Amar Wilson Baya Dandot (CEO, Regional Corridor Development Authority, Sarawak), then followed by Prof Dr. Jane Cardosa (Chief Scientific Officer, Sentinext Therapeutics Sdn Bhd) and Mr. Goh Su Gim (Security Advisor of F-Secure for Asia Pacific region). The media was invited to cover the event. The press conference held to inform about the purpose of the workshop and to share about the importance of RRI and RESPONSIBILITY project.

The workshop discussion and dialogue sessions with stakeholders began after the keynote presentation session. The stakeholders were divided into four groups as follows: R&D and Commercialization (Governance Policies and Procedures); Business Innovation and Application of RRI; RRI in Science, Technology and ICT (Design, Development and Application); and RRI Participation and Engagement. The presentation from each group was held in the afternoon, and the discussion session was concluded by Dr Rohaya, Ms Elena Tavlaki dan Dr.-Ing Zaharya Menevidis. Prof Philippe Goujon was invited to share his view about RRI in the European context. The workshop session was ended with Oral Presentations from participants who would like to share their views and experience related to RRI initiatives in their context.

1 Introduction

1.1 Workshop Purpose

The First Asia Pacific Responsible Business Innovation 2014 workshop was organized on 19th of February, 2014 at Merdeka Palace Hotel & Suites Kuching, Sarawak, Malaysia. This one-day workshop was held in conjunction with the Third Annual Meeting of RESPONSIBILITY - Global Model and Observatory for International Responsible Research and Innovation Coordination – that took place on 20 – 21 February, 2014 at the same venue. As this workshop is the first to be conducted in Asia Pacific, hence its primary focus is to encourage constructive dialogues between targeted stakeholders of RRI and RESPONSIBILITY project consortium. The RESPONSIBILITY consortium consists of 13 partners (10 institutions are from the EU countries; 3 institutions are from the non-EU countries). Through this workshop, the RESPONSIBILITY project can obtain views and positions regarding certain areas that the project could take action implementing its strategy, on the dissemination and integration of Responsible Research and Innovation. It also aims to learn from invited participants and listen about business concerns and ideas, and exchange views on new proposals about RRI tools, engagement processes, operation and shared value to society. The project will utilize the outcomes from the workshop as a learning tool to understand concerns and issues pertinent to the construction of RESPONSIBILITY Forum and Observatory. The workshop is expected to add value to the RESPONSIBILITY Forum and Observatory, and getting access to ideas to promote business innovation through partnerships for both business and the society.

1.2 Workshop Participants

The workshop participants comprised of 3 invited keynote speakers, and 40 stakeholders. The invited stakeholders were mostly attached with either business institutions, universities, R&D institutes or government agencies in Malaysia. These stakeholders consisted of researchers, scientists, professionals, technologists, innovators, policy makers, industry representatives, as well as civil societies. Prior to the event, a call for workshop participation was initiated in early January 2014. UNIMAS research team had sent out workshop flyers to more than 150 organizations, including those located outside Malaysia.

1.3 Keynote Presenters

Three prominent presenters were invited to deliver their keynote presentations. The keynote speakers are:

1. Prof Dr. Jane Cardosa, Chief Scientific Officer of Sentinext Therapeutics Sdn Bhd.
2. Datuk Amar Wilson Baya Dandot, CEO, Regional Corridor Development Authority, Sarawak.
3. Mr. Goh Su Gim, Security Advisor of F-Secure for Asia Pacific region.

The session was chaired by Assoc Prof Dr Alvin Yeo, the Director of the Institute of Social Informatics and Technological Innovations (ISITI) and also, a member of UNIMAS RESPONSIBILITY team. See Appendix A for the profiles of the invited keynote speakers.

1.4 Officiating Ceremony

The Vice Chancellor of UNIMAS, Prof Dato' Dr Mohamad Kadim Suaidi delivered his Officiating Speech and officiated the workshop ceremony.

See Appendix Section for the profile of the Vice Chancellor of UNIMAS and his Officiating Speech.

1.5 Workshop Facilitators

The workshop facilitators comprised of UNIMAS research team (7 members) and the RESPONSIBILITY consortium partners (14 members). See Appendix Section for RESPONSIBILITY Facilitators for the workshop.

1.6 Media Coverage

The media was invited to cover the morning session. The press conference held to inform about the purpose of the workshop and to share about the importance of RRI and RESPONSIBILITY project.

See Appendix Section for the media coverage for the event.

The following is the list of sources for media coverage for the event:

1. http://www.thestar.com.my/News/Community/2014/02/20/Affordable-and-impactful-Vicechancellor-Unimas-focuses-on-technology-that-benefits-society-at-large/
2. http://www.theborneopost.com/2014/02/20/technology-must-relate-to-society/
3. http://www.theborneopost.com/2014/02/20/unimas-sasar-projek-3a/
4. http://www.newsarawaktribune.com/news/21160/UNIMAS-sets-to-become-knowledge-hub/

5. http://www.theborneopost.com/2014/02/20/13-rakan-kongsi-bincang-inovasi-dan-penyelidikan-yang-bertanggungjawab/

1.7 Workshop Agenda

The workshop agenda is as follows:

08:15	**Registration**
09:00	**Opening Remark** Welcome and Introduction by the Workshop Chair, Dr. Rohaya Mohd Nor Welcome from the RESPONSIBILITY project Coordinator, Dr. Zaharya Menevidis Officiating Speech by Prof Dato' Dr Mohamad Kadim bin Suaidi, Vice Chancelor of Universiti Malaysia Sarawak
09:30	**Keynote Presentations** Prof Dr. Jane Cardosa (Chief Scientific Officer, Sentinext Therapeutics Sdn Bhd) Datuk Amar Wilson Baya Dandot (CEO, Regional Corridor Development Authority, Sarawak) Mr. Goh Su Gim (Security Advisor of F-Secure for Asia Pacific region)
10:45	**Refreshment**
11:15	**Discussion and Dialogues** **Group 1: R&D and Commercialization (Governance Policies & Procedures)** **Group 2: Business Innovation and Application of RRI** **Group 3: RRI in Science, Technology & ICT (Design, Development and Application)** **Group 4: RRI Participation and Engagement**
13:00	**Lunch**
14:00	**Group Presentation**
15:00	**Presentation from Prof Phillipe Goujon, Namur University** **Summary and Conclusion by Elena Tavlaki and Rohaya Mohd Nor**
15:45	**Coffee break**
16:00	**Free Paper Presentation (Parallel Sessions)**
17:30	**End of Session**

2 Summary of Keynote Presentations

Prof Dr. Jane Cardosa delivered her keynote speech "Virology in the Jungle: The Local-global Tension and Responsible Research & Innovation". She started her presentation by giving an overview about the global emergence of pandemic where the spread of the infectious disease is mostly contributed by global travel and trade. She described the example of the pandemic cases related to influenza, HIV/AIDS, SARS and West Nile Virus. As for localized emergence of pandemic diseases, activities such as encroachment into wildlife habitat, increased contact with wildlife and wildlife hunting and trade were noted as factors that contributed to the emergence of cases such as Nipah virus, Ebola virus, undiagnosed outbreaks, new human infections, wildlife die-offs, silent human infections, pathogens jumping to humans as well as unknown pathogens. Dr Cardosa then further elaborated about the economic impact of some selected infectious diseases. See Figure 1 (excerpted from her presentation slide).

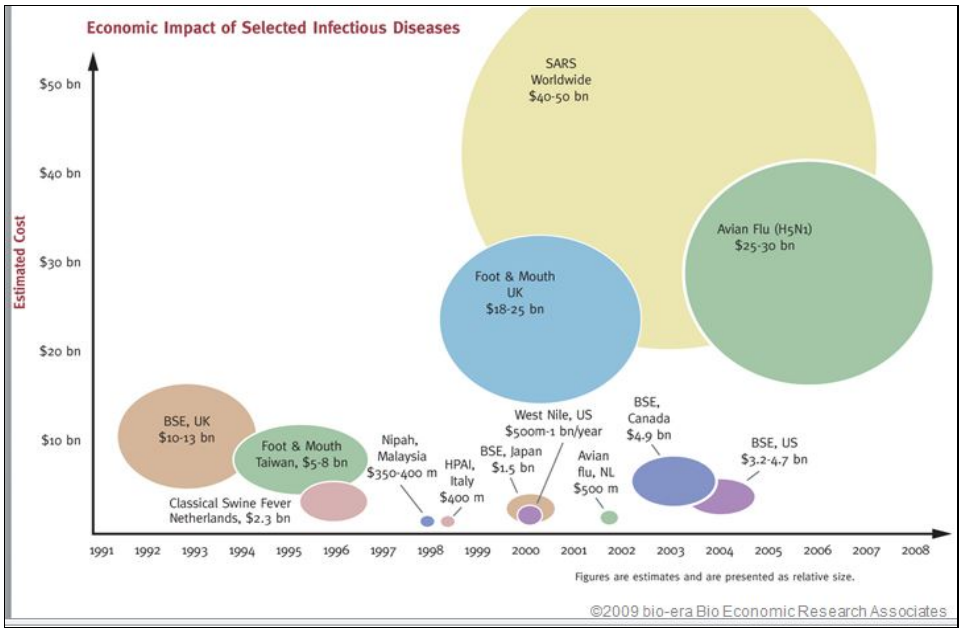


Figure 1: Economic Impact of Selected Infectious Diseases (excerpted from Dr Cardosa's Keynote Presentation Slide)

Then, Dr Cardosa spoke about the local emergence of viruses using selected examples of Asia pandemic cases, and elaborated some initiatives undertaken by WHO (World Health Organization). She further scrutinized the impact of certain decisions, and highlighted possible ethical dilemmas (especially concerning the vaccine R&D and future cost to sell these vaccines in the context of developing countries). The final part of her speech was about R&D activities and strategies of Sentinext Therapeutics in producing vaccines for diseases targeted for Hand foot and mouth disease (HFMD), polio and human enterovirus. She concluded her keynote presentation by highlighting some challenges facing an accomplished scientist like her to work in the country.

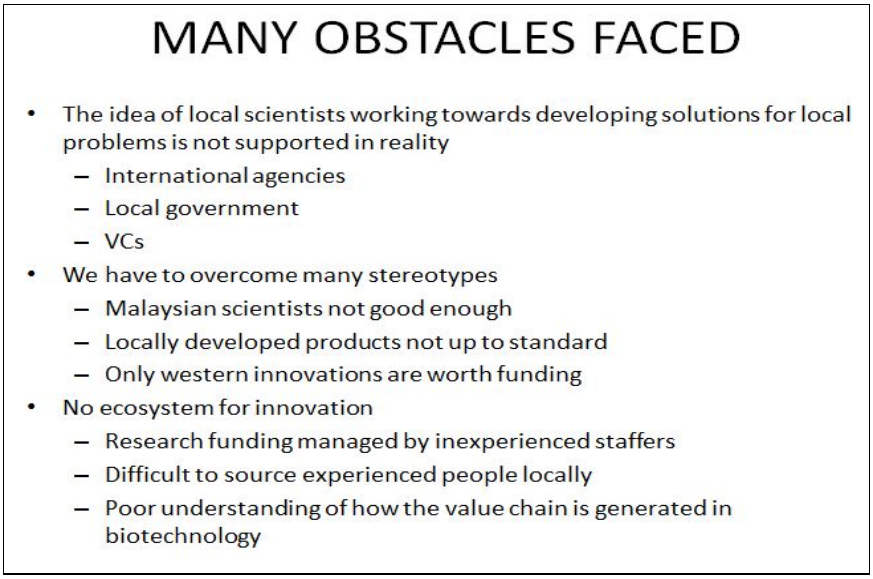


Figure 2: Some Difficulties Facing by Local Scientists in the Malaysian Context (excerpted from Dr Cardosa's Keynote Presentation Slide)

Datuk Amar Wilson Baya Dandot delivered his keynote speech "Responsible Business Innovation (RBI / RR): The Case of SCORE". In the keynote presentation, Datuk Amar Wilson provided some details about the overall SCORE program for Sarawak development. SCORE stands for Sarawak Corridor for Renewal Energy, and its general aim is to generate a high income economy for Sarawak. "The implementation of SCORE projects is complex: involves multi sectors, large scale projects, across a wide geographic area which is simultaneously implemented at multiple locations, involving considerable investment costs" (excerpted from Datuk Amar Wilson's Keynote Presentation Slide). Figure 3 showed the objectives of his keynote presentation.

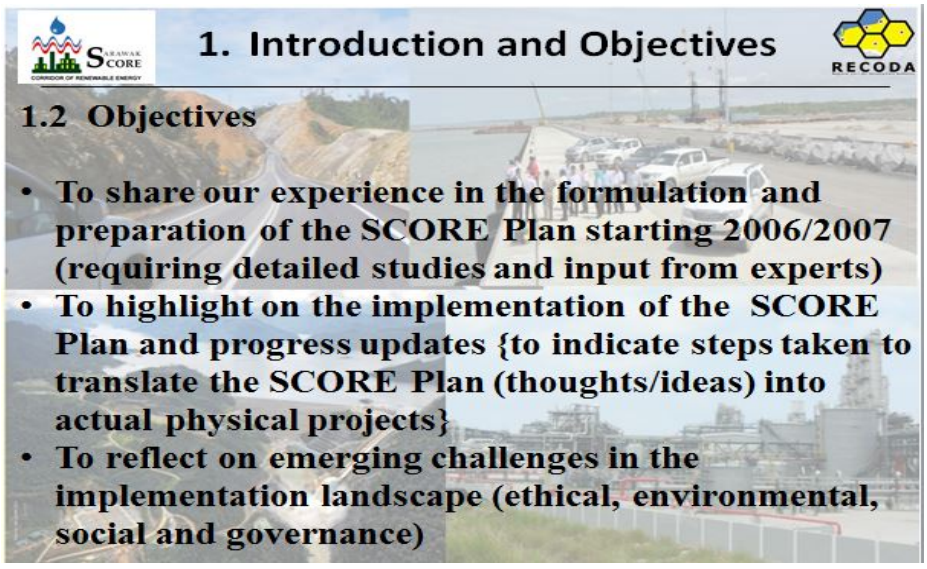


Figure 3: The Objectives of the Keynote Presentation of CEO of RECODA (excerpted from Datuk Amar Wilson's Keynote Presentation Slide)

In his speech, Datuk Amar Wilson reflected on some general understanding of doing responsible business innovation and RRI. He emphasized on the importance of undertaking reflection, and aware about the presentation situation and understand about the potential impact of bringing big and new technologies and development initiatives into the State.

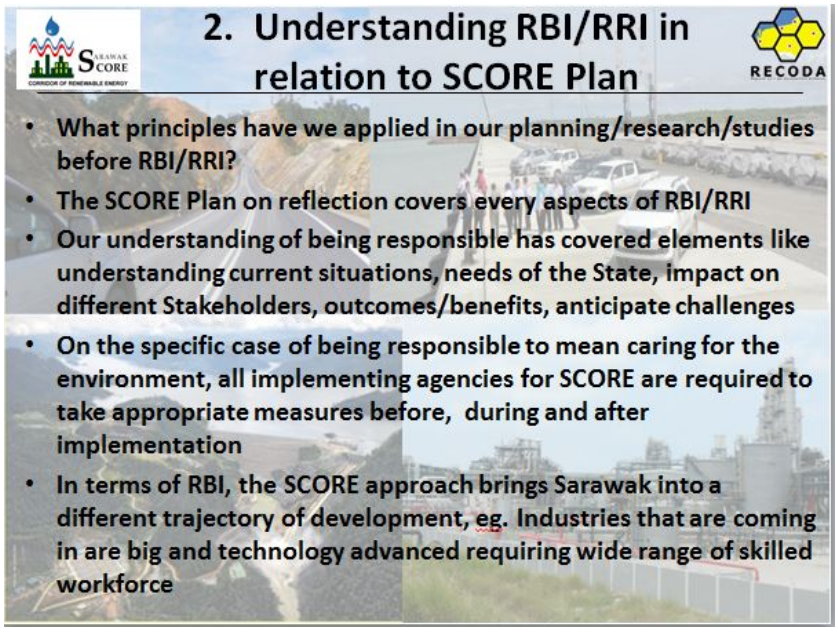


Figure 4: General Understanding about doing Responsible Business Innovation in the Context of SCORE Implementation (excerpted from Datuk Amar Wilson's Keynote Presentation Slide)

Then he further elaborated SCORE implementation, and the role of RECODA in the SCORE program. Figure 5 demonstrated Sarawak SCORE Development Project Maps.

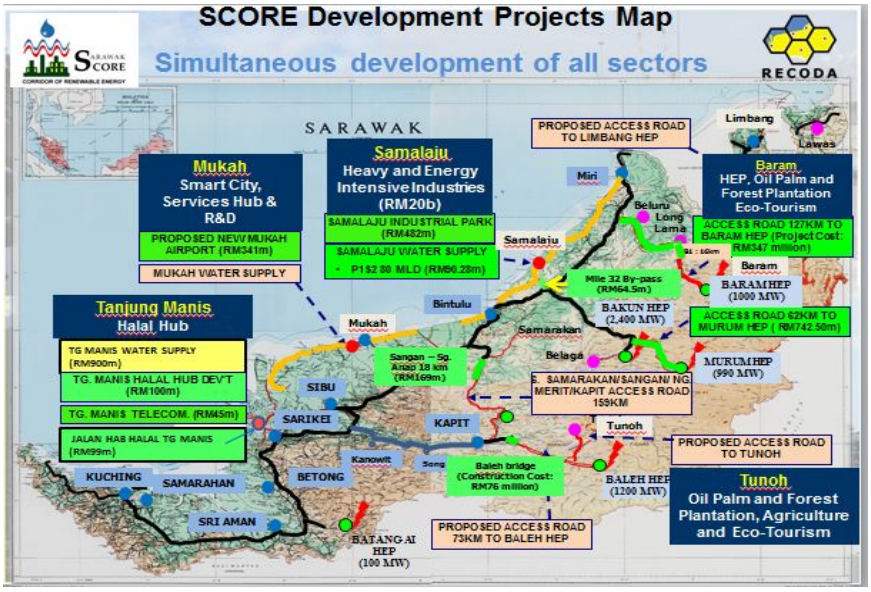


Figure 5: SCORE Development Project Maps (excerpted from Datuk Amar Wilson's Keynote Presentation Slide)

The keynote presentation concluded with some reflection summary from RECODA's perspective with regard to undertaking Responsible Business Innovation for SCORE implementation in Sarawak context.

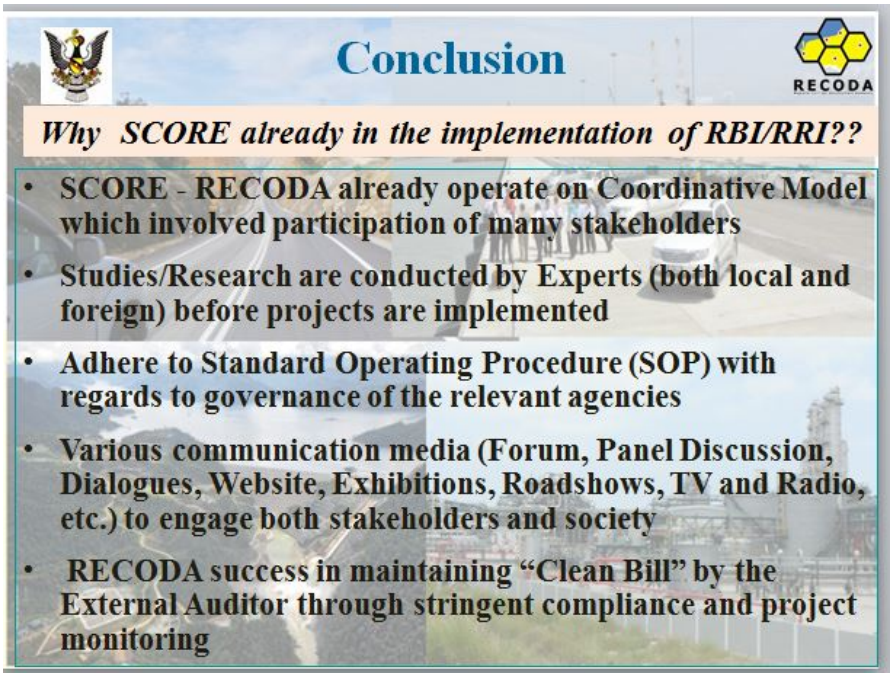


Figure 6: Concluding Remark from Keynote Presentation (excerpted from Datuk Amar Wilson's Keynote Presentation Slide)

Mr. Goh Su Gim delivered his keynote speech "Security in Asia Pacific". His speech gave overview about the context of security breach and ethical issues facing the Asia Pacific region. He further elaborated about the growing concerns about the online security breach, and what F-Secure role in increasing awareness about the important to protect data.

3 Workshop Discussion and Dialogues

Overview of the Session

The theme for the workshop - "Responsible Business as an Enabler of Innovation" - is fundamental and relevant in the context of today's business entities that drive towards Research and Development (R&D), and Commercialization activities to survive. Business entities, in general, can refer to any institution where their core business integrates elements and activities related to R&D and commercialization. In this context, stakeholders who directly or indirectly engage in promoting and practicing "Responsible Business as an Enabler of Innovation" will not just come from professional groups such as business owners, researchers or scientists, but also others including policy makers and civil society organisations that participate and promote responsible business innovation and engage in RRI activities.

Expected Outcomes

At the end of the workshop session, participants will gain knowledge and skills:

- To understand the general concepts of RRI, and propose some common RRI shared values.
- To identify pertinent RRI issues and concerns in their professional or business context.
- To participate in an open dialogue session where the emphasis is upon constructive information and knowledge sharing, and exchanging ideas relevant to the context of RRI concept, application and impact.
- To propose elements, criteria or parameters relevant to be utilized as a learning tool for the construction of RESPONSIBILITY Forum and Observatory.

General Findings

- The term RRI is still unfamiliar with, and most participants associated this with ethics. It was consistently highlighted that the Malaysian ways of doing things are different, and this will further shape the stakeholders' views about RRI.
- Pertinent RRI issues and concerns in their professional or business context were captured during the session. The details findings will be disseminated soon.
- Various issues (social, ethical and legal elements) from developing country context (i.e., Malaysia) were explored together with the participants.
- The construction of RESPONSIBILITY Forum and Observatory can be a learning tool for the Malaysian stakeholders. Issues such as transparency, regulations and privacy were raised during the sessions.

Delivery Styles

The one-day workshop will be delivered in two formats as follows:

A. World Café Style Format

The basic model of World Café Style format[1] is as follows:

1. *Setting*: Create a "special" environment, most often modelled after a café, i.e. small round tables covered with a checkered tablecloth, butcher block paper, colored pens, a vase of flowers, and optional "talking stick" item. There should be four chairs at each table.
2. *Welcome and Introduction:* The host begins with a warm welcome and an introduction to the World Café process, setting the context, sharing the Cafe Etiquette, and putting participants at ease.
3. *Small Group Rounds:* The process begins with the first of three or more twenty minute rounds of conversation for the small group seated around a table. At the end of the twenty minutes, each member of the group moves to a different new table. They may or may not choose to leave one person as the "table host" for the next round, who welcomes the next group and briefly fills them in on what happened in the previous round.
4. *Questions*: each round is prefaced with a question designed for the specific context and desired purpose of the session. The same questions can be used for more than one round, or they can be built upon each other to focus the conversation or guide its direction.
5. *Harvest:* After the small groups (and/or in between rounds, as desired) individuals are invited to share insights or other results from their conversations with the rest of the large group. These results are reflected visually in a variety of ways, most often using graphic recorders in the front of the room.

B. Informal Presentation Format

The participants later are invited to present their research works, experience, showcase initiatives or understanding relevant to RRI concept, application and impact.

This session should encourage participants' to critically reflect the elements of RRI in the context of their professional role.

The session chairperson will be assisted by other facilitators to stimulate constructive dialogue and feedback to ensure each of the presenters (including the audiences) in this session will be able to identify RRI issues and concerns related to their works.

[1] http://www.theworldcafe.com/method.html

Group A: R&D and Commercialization (Governance Policies & Procedures)

Overview

The focus of this group is to discuss and scrutinize issues and matters relevant to governance policies and procedures in the context of R&D and commercialization. The participants are invited to share experience, knowledge and information in their professional context.

The discussion is centered around the following questions:

1. Can you describe your professional background, and in what ways the discussion topic can be relevant to your current role?
2. Have you heard or have some ideas about "Responsible Research and Innovation" or RRI?
3. Based on your experience, can you share with us some of the governance policies and procedures that you think, have been implemented and relevant to the context of RRI? What are the strengths or advantages that you have observed from this implementation?
4. What are your concerns with regard to the existing framework of governance policies and procedures that you're aware of related to R&D and commercialization activities?
5. How do you view the contribution from other stakeholders (outside your organization) to assist with the formulation of policies and procedures pertinent to promoting responsible research and innovation?
6. What measures can be taken to ensure the issues of responsibility are being considered in the processes of research, development, innovation, marketing and application?
7. How can a platform for discussion or online forum on Responsibility contribute to better a scientific technological advance which leads to better quality of lives and a better environment? Do you think having online case studies can help also in this context?

Leading Facilitator:

1. Dimitris Micharikopoulos
2. Dr Rohaya Mohd Nor
3. Muhd Hafiz Mohd Shukri

Facilitated by Partners:

1. Dr.-Ing. Aki Zaharya Menevidis
2. Prof Philippe Goujon
3. Dr Stratos Styliandis

Summary of the Discussion and Dialogues

The discussion session was leading by Dr Rohaya. After each participant and also, each facilitator briefly introduced themselves, the session chair initiated the discussion by asking the participants to respond to the prepared questions. Each of the participants was given a chance to respond to the discussion. The following are some of the extracts feedback from the participants during the discussion and dialogue session: ***To completed later***

Group B: Business Innovation and Application of RRI

Overview

The focus of this group is to discuss and scrutinize issues and aspects relevant to business innovation processes and activities (i.e., design and development of business product/process/approach, marketing and commercialization, supply chain etc) and how RRI can be integrated in these business processes. The participants are invited to share experience, knowledge and information in their professional context.

The discussion is centered around the following questions:

1. Can you describe your professional background, and in what ways the discussion topic can be relevant to your current role?
2. Have you heard or have some ideas about "Responsible Research and Innovation" or RRI?
3. Do you have any concern about the innovation process that is currently going on in your organisation? E.g. For researchers /businesses, it could be Intellectual Property issues, responsible research for scientists, halal related research using raw materials use, supply chain issues etc.
4. How is it significant for practicing responsible business innovation? Does somehow, responsible innovation has been systematically implemented in your organizational business processes?
5. Do you think that interaction of the business (and research) community in Malaysia with societal stakeholders is important? How to use this interaction as an enabler of innovation and positive change for societal benefit?
6. What are the effective mechanisms to obtain views and feedbacks from citizens or communities that will be / are affected by the outcomes of innovative products or services available through market?
7. How can a platform for discussion or online forum on Responsibility contribute to better a scientific technological advance which leads to better quality of lives and a better environment? Do you think having online case studies can help also in this context?

Leading Facilitator:

1. Dr Mahani Abdu Shakur
2. Elena Tavlaki

Facilitated by Partners:

1. Dr. Menisha Patel
2. Ajami Mohamad

Summary of the Discussion and Dialogues

The discussion session was leading by Dr Mahani Abdu Shakur. After each participant and also, each facilitator briefly introduced themselves, the session chair initiated the discussion by asking the participants to respond to the prepared questions. Each of the participants was given a chance to respond to the discussion. The following are some of the extracts feedback from the participants during the discussion and dialogue session: ***To completed later***

Group C: RRI in Science, Technology & ICT (Design, Development and Application)

Overview

The focus of this group is to discuss and scrutinize issues and aspects relevant to design, development and application of Science and Technology, and ICT products/innovative R&D outcomes, and how these issues can generate impact towards society. The participants are invited to share experience, knowledge and information in their professional context.

The discussion is centered around the following questions:

1. Can you describe your professional background, and in what ways the discussion topic can be relevant to your current role?
2. Have you heard or have some ideas about "Responsible Research and Innovation" or RRI?
3. What are the negative impacts on the stakeholders and society, if stakeholders do not engage in RRI in the design, development and application of scientific technological advances?
4. What benefits do the stakeholders and society gain if RRI is taken into account?
5. What measures can be taken to ensure the issues of responsibility are being considered in the processes of research, development, innovation, marketing and application?
6. How can a platform for discussion or online forum on Responsibility contribute to better a scientific technological advance which leads to better quality of lives and a better environment?

Leading Facilitator:

1. AP Dr Alvin Yeo
2. Konstantinos Smagas

Facilitated by Partners:

1. Dr Nadianatra Musa
2. Dr. Giovanni Giambene
3. Dr Rodrigo Verschae

Summary of the Discussion and Dialogues

The discussion session was leading by Assoc Prof Dr Alvin Yeo. After each participant and also, each facilitator briefly introduced themselves, the session chair initiated the discussion by asking the participants to respond to the prepared questions. Each of the participants was given a chance to respond to the discussion. The following are some of the extracts feedback from the participants during the discussion and dialogue session: ***To completed later***

Group D: RRI Participation and Engagement

Overview

The focus of this group is to discuss and scrutinize issues and aspects relevant to RRI Participation and Engagement with stakeholders, and the importance of the initiatives to promote responsible business innovation. The participants are invited to share experience, knowledge and information in their professional context.

The discussion is centered around the following questions:

1. Can you describe your professional background, and in what ways the discussion topic can be relevant to your current role?
2. Have you heard or have some ideas about "Responsible Research and Innovation" or RRI?
3. What are the negative impacts on the stakeholders and society, if stakeholders do not engage in RRI in doing research and innovation?
4. What benefits do the stakeholders and society gain if RRI is taken into account?
5. What measures can be taken to ensure the issues of responsibility are being considered in the processes of research, development, innovation, marketing and application?
6. How can a platform for discussion or online forum on Responsibility contribute to better a scientific technological advance which leads to better quality of lives and a better environment? Do you think having online case studies can help also in this context?

Leading Facilitator:

1. Dr Nariman Singmamae
2. Dyg Hananie Abg Ibrahim

Facilitated by Partners:

1. Michael Hahne
2. Petra Hilmich

Summary of the Discussion and Dialogues

The discussion session was leading by Dr Nariman Singmamae. After each participant and also, each facilitator briefly introduced themselves, the session chair initiated the discussion by asking the participants to respond to the prepared questions. Each of the participants was given a chance to respond to the discussion. The following are some of the extracts feedback from the participants during the discussion and dialogue session: ***To completed later***

Appendix A: Invited Keynote Presenters

Prof Dr. Jane Cardosa, Chief Scientific Officer, Sentinext Therapeutics Sdn Bhd

Dr. Jane Cardosa completed a bachelor's degree at Princeton University in 1974, a M.Phil at Columbia University in 1975 and a D.Phil. at Oxford University in 1984. She has extensive experience conducting research in developing countries, and has combined basic research with translational research in Penang and in Sarawak, Malaysia. She has also been actively involved in disease surveillance activities, especially for dengue, Japanese encephalitis and enterovirus 71, as well as for other emerging diseases. Dr. Cardosa has served on a number of international scientific boards and committees, using the insight she has developed working in developing countries to address global health problems. Among others, she has been a member of the WHO Advisory Group on dengue and other flavivirus vaccines; the Scientific Board of the Bill & Belinda Gates foundation initiative, Grand Challenges in Global Health, and currently is on the Scientific Advisory Board of the Grand Challenges Canada. In February 2009 she had the honour of giving a Tanner lecture on emerging infectious diseases on the occasion of the 500th anniversary of Brasenose College, Oxford University. Dr. Jane Cardosa is now a Chief Scientific Officer at Sentinext Therapeutics Sdn Bhd.

Mr. Goh Su Gim , Security Advisor of F-Secure in the Asia Pacific region

Mr Goh Su Gim is actively involved in activities that raise public awareness of the IT threat landscape. He can be found giving talks in conferences, and acting as a liaison between the public and the local F-Secure office in Kuala Lumpur. He stays on top of the latest IT security related news, blogs about the latest threats and attacks or interesting findings from the F-Secure Labs, and provides advisories to the general public and media should there be any virus outbreak. Prior to the advisory role, Su Gim was the Manager of the Threat Insight team at the F-Secure Response Labs in Kuala Lumpur. He led the team, which handles file reputation, vulnerability, web reputation and anti-phishing services, to focus on proactive response in approaching upcoming issues in the threat landscape. The team employs preventive measure in ensuring that users' are constantly protected; its routine tasks include hunting for threats, maintaining clean file collection, responding to vulnerability issues, and conducting research on exploits. Su Gim's past 12 years of IT security experience includes working for several companies in the USA in the area of IT system integration, IT security consulting (network and systems design), penetration testing and assessment, and working at a 24/7 security operations center. Prior to returning to Malaysia, he lived in Hawaii, USA, for 12 years.

Datuk Amar Wilson Baya Dandot, Chief Executive Officer, Regional Corridor Development Authority of Sarawak

Datuk Amar Wilson Baya Dandot served as State Secretary of Sarawak from January 1, 2007 to January 1, 2008. Datuk Dandot served as Deputy State Secretary of Planning & Development of Sarawak from 2000 to June 30, 2004. He served as a Director of State Planning Unit of Sarawak from 1995 to 2000, Deputy State Secretary of Human Resources from July 1, 2004 to June 30, 2006,Deputy State Secretary of Administration, Security & Protocol from July 1, 2006 to December 31, 2006, Deputy Director/Principal Assistant Director from 1990 to1994 and its' Assistant Secretary from 1973 to 1977. Datuk Dandot also served as a Project Director for Kalaka-Saribas Integrated Agricultural Development Project, Ministry of Agriculture from 1986 to 1989, Principal Assistant Secretary from 1983 to 1985, and SPU Economist for International Pepper Community Jakarta, Indonesia from 1977 to 1983. He has been a Non-Independent Non-Executive Director of Sarawak Energy Berhad (SEB)(formerly Sarawak Enterprise Corporation Berhad) since January 31, 1996 Datuk Dandot serves as Director of Employees Provident Fund Board (EPF Board), Sarawak Economic Development Corporation Board (SEDC) and Malaysian Institute of Research (MIER). He served as a Director of Malaysian Airline System Bhd since January 11, 2008. Datuk. Dandot holds a Bachelor of Economics degree from the University of Western Australia and a Masters degree in Development Economics from University of Sussex and has attended a Senior Executive Fellows Programme at JFK School of Government, Harvard University.

Appendix B: Profile of the Vice Chancellor of Universiti Malaysia Sarawak

Prof Dato' Dr. Mohamad Kadim Suaidi

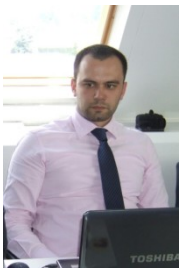
Vice Chancellor, Universiti Malaysia Sarawak

Professor Dato' Dr. Mohamad Kadim Suaidi became the sixth Vice Chancellor of Universiti Malaysia Sarawak (UNIMAS) on 16th April 2013. Previously, he was Deputy Vice Chancellor (Academic) of the University Technical Malaysia Melaka (UTeM), effective from 1st January 2012 until 31st December 2014. Former posts also included Deputy Vice -Chancellor (Research & Innovation) of University Technical Malaysia Melaka, from 15th January 2010 until 31st December 2011. He obtained both BSc in Physics with Electronics and MSc in Microwave Solid State from University of Portsmouth, UK. He obtained a doctorate degree from University of Technology Loughborough, UK. At UTeM, he hold various important positions including the Director of Research Innovation and Management Centre, Dean of University Industry Centre, Senate Member and the Board of Directors of UTeM Holding Sdn Bhd. He was also appointed as an External Assessor for the appointment of Professor and Associate Professor, and as External Examiner for the degree of masters and doctorate (PhD). Another of his notable contributions in Higher Education sector is through his appointment as the Programme Coordinator "KPT Western Digital Campus Connect". He was also appointed by Institute of Electrical & Electronic Engineers (IEEE) to chair international conferences for International Symposium on Broadband Communications (ISBC) and Asia Pacific Conference on Electromagnetic Applications (APACE).

Appendix C: RESPONSIBILITY Facilitators for the Workshop

RESPONSIBILITY Consortium Partners

	Dr.-Ing. Aki Zaharya Menevidis received his degree in electrical engineering and his Ph.D. on remote diagnostics on machine tools at the Technical University Berlin. He is a researcher at the Fraunhofer IPK in Berlin since 1980. He worked on and managed several national and international projects concerning design and development of special purpose processors, communication technology and networks in production, office and building automation, distributed systems and applications in production environment and systems for safety and security based on biometry and motion analysis. Dr. Menevidis is also the quality assurance manager of the division automation technology and member of the scientific and technical council of Fraunhofer.
	Dipl. Ing. Mohamad Ajami graduated from the Technical University of Berlin in the year 2011, and he had his major in Computational Science, with emphasis on Image analysis, and Industrial robotics. He has been working in Fraunhofer since the beginning of 2011 as a scientific assistant in the division automation technology and the department of security technology.
	Elena Tavlaki is the founder and Director of Signosis. Elena has worked for the Hellenic Telecommunications Organization (OTE), where she held various positions in key business units before joining the Research Programs Division, where she coordinated and participated in many large national and international collaborative research projects. She also worked as a freelance consultant and she was the Director of Research in ARACHNI Ltd, an Athens based innovative IT company, where she was responsible for the management and implementation of large FP7 research projects. Elena obtained a Diploma in Mining and Metallurgist Engineering from the National Technical University of Athens (NTUA) and a Masters Degree in Business Administration from the University of Piraeus.
	Dimitris Micharikopoulos is a senior partner at Signosis. He has over 15 years research and consulting experience, working in the fields of employment, social protection, sustainability, corporate responsibility and regional development and has directed and participated in a large number of projects in related fields. In the past he held research and managerial positions in consultancies and in leading Greek scientific institutions on social and employment issues and was a senior advisor for ministries, government agencies and local authorities. He has also led corporate responsibility consulting projects for big corporations and demonstrates a proven record of experience in the fields of social policy and sustainability, in both the private and the public sector. Dimitris holds a degree in Law from the University of Athens. He also completed postgraduate studies in International Economic.

	Philippe Goujon is Professor in the department of Information Technology at the University of Namur and Founder and Director of LEGIT. His research focuses on the epistemology and ethics of the governance of emerging and new technologies. He has published in the ethics of fields such as artificial life, biotechnology, genomics, and informatics. He has been involved in the ETICA, EGAIS and IDEGOV projects. He is currently involved in the CONSIDER project and is director of the GREAT project.
	Dipl.-Soz. tech. Michael Hahne graduated in Sociology and Technology Studies with a minor in Computer Science from the Technical University of Berlin in 2004. His research interests are in the fields of technology & innovation studies, technology acceptance, human centred and participatory design. Since 2010 he is vice-head of the human technology lab which he co-founded with Dr. Leon Hempel. The human technology lab focuses on the cooperation of social scientists and engineers in the context of human centered technology assessment and development. Michael Hahne is member of the 4S (Society for Social Studies of Science) and the Section for Science and Technology studies of the German Society for Sociology (DGS). In the past decade he was involved in numerous projects.
	Dr. Menisha Patel is a Research Associate at the Oxford e-Research Centre working on the RESPONSIBILITY Project. Menisha recently completed her Phd at King's College London within the Department of Management. For the past six years since graduating from her undergraduate degree in Business Management at King's College London, Menisha has been involved in a number of similar qualitative studies. These have included investigating occupation practice in various domains to derive sociological and technological insights, and also conducting quasi-naturalistic experimental studies to investigate the use of and convey implications for prototype technologies.
	**Kostas Smagas** received his degree in International & European Economic & Political Studies, from the University of Macedonia, Greece in 2003. In 2005 he received his Master of Science in Public Administration from the Leiden University, The Netherland. Kostas Smagas is participating in the project and program management of the company. He is expert in consulting and involved as a project member in various projects providing consultation services and technical assistance in thematic areas such as strategic and business planning, action plan and structure reorganization of public & private enterprises. He is also expert in website development using open source applications and in Science Communication strategy and implementation.
	Dr. Stratos Stylianidis received his diploma as Surveying Engineer in 1996 from the Aristotle University of Thessaloniki. In 2001, his received his PhD in the area of Photogrammetry and Geographical Information Systems from the same university. He is member in various International Organizations, such as ISPRS, CIPA and ICOMOS. During the last 15 years he prepared 2 thesis, 44 scientific publications for journals and conference proceedings and 1 book. He is a reviewer in several scientific journals. In the research field, Dr. Stylianidis participated in 30 research projects funded by national and EU resources; in 4 as Scientific and Project Manager.

	Dr Giovanni Giambene received the Dr. Ing. degree in Electronics in 1993 and the Ph.D. degree in Telecommunications and Informatics in 1997, both from the University of Florence, Italy. From 2000 to 2003, he contributed to the "Personalised Access to Local Information and services for tourists" (PALIO) IST Project within the EU FP5 programme. He participated in the SatNEx I & II network of excellence (FP6 programme, 2004-2009) as work package leader of two groups on radio access techniques and cross-layer air interface design for satellite communication systems and the FP7 Coordination Action "Road mapping technology for enhancing security to protect medical & genetic data" (RADICAL) as work package leader on security challenges for e-health applications. At present, he is involved in the ESA SatNEX III research project (CoO3 on "Smart Gateway Diversity"), in the COST Action IC0906 "Wireless Networking for Moving Objects" (WiNeMO), and in the FP7 Coordination Action named "Responsibility". He is author of more than 120 papers on internationally-recognized journal of conferences.
	Petra Hellmich is department manager, nursing director, quality manager, hygiene expert, internal auditor and teaching nurse at Arbeiter-Samariter-Bund Wien. After finishing first a technical secondary school and then a nursing school, she graduated in nursing science at Vienna University and continued her postgraduate education in nursing management, quality management, project management, and acquired accreditation for managerial function, as nursing instructor and for hospital hygiene. She also worked in a renowned hospice in Vienna and in different leading positions in Vienna nursing homes during the early stages of her career.
	Dr Rodrigo Verschae received his B.S. degree in computer engineering and his diploma in electrical engineering from the Universidad de Chile (Santiago, Chile) in 2002 and 2003, respectively. He received his M.S. degree in applied mathematics from the École Normale Supérieure de Cachan (France) in 2006 and his doctoral degree in electrical engineering from the Universidad de Chile (Santiago, Chile) in 2010. In 2003, he was with the Center for Web Research of the Universidad de Chile, in 2004 he was with the Department of Security Technologies, IPK Fraunhofer Institute (Berlin, Germany), and in 2009, he was with the Network Design Research Center, Kyushu Institute of Technology (Fukuoka, Japan). Currently, he is a FONDECYT postdoctoral research fellow (Grant N. 3120218) at the Advanced Mining Technology Center of the Universidad de Chile. His research interests include computer vision, robot vision, and machine learning, areas where he has over 40 publications. He is a Member of the IEEE Computational Intelligence Society, the IEEE Robotics and Automation Society, and the IEEE Systems, Man, and Cybernetics Society.
	Dr Sara Helen Wilford Dr Sara Helen Wilford is a Senior Lecturer in Computer Ethics and Research in the CCSR. She holds a Degree in Public Administration and Management, PGCert (HE) and a PhD in Computer Ethics and Public Policy. She has led a number of research projects including a pilot evaluation of Patient and Public Involvement in end-of-life care services. She has also been involved in research on the PHM-Ethics project (GA number 230602), evaluation of the UK local government Beacon Council Scheme and knowledge sharing in Citizens Advice Bureaux. She is active across the fields of computer ethics, privacy and public policy. Dr Wilford serves the academic community in a variety of roles. She is currently book reviews editor for Journal of Information, Communication

	and Ethics in Society (JICES) and conducts peer review for Information Technology and People Journal.

RESPONSIBILITY Research Team at Universiti Malaysia Sarawak (UNIMAS)

	Dr Rohaya Mohd Nor completed her PhD, specializing in Management Information Systems, from Imperial College London, UK. She obtained her BSc Degree in Management (with MIS) from Purdue University, US and a masters in Information Systems from Melbourne University, Australia. She is currently a Senior Lecturer at the Faculty of Economics and Business, UNIMAS. In general, her research focuses on the utilization and impact (social, ethics and legal) of information systems applications. At present, she is leading the UNIMAS RESPONSIBILITY research team. In addition, she is also the project leader for two research projects funded under Malaysia Fundamental Research Grant Scheme (FRGS): "Sensitizing Stakeholder's Engagement in Promoting Responsible Business Innovation" and "Constructing Prevention Framework about Pandemic Influenza Outbreak for Rural Communities". Previously, she was involved in ETHICAL (Promoting International Debate on Ethical Implications of Data collection, use and retention for Biometric and Medical Applications) project funded by the European Commission FP7 programme.
	Dr Alvin W. Yeo is the Director of the Institute of Social Informatics and Technological Innovations (ISITI), and an Associate Professor at the Faculty of Computer Science and Information Technology, where he also heads the Sarawak Language Technology (SaLT) Research Group. He earned his PhD and Bachelor of Computing and Mathematical Sciences (Hons) from the Computer Science Department, University of Waikato, New Zealand. Alvin has expertise in the area of Information Systems, specifically in Information and Communications Technology for Rural Development (ICT4RD) and human computer interaction (HCI). His ICT4RD research has resulted in numerous publications. Furthermore, Alvin has helped UNIMAS to become internationally recognised in ICT4RD, by garnering 1 national, and 3 international awards for the eBario project, including the CAPAM Innovation award which beat 112 international submissions worldwide. Alvin has over 100 publications in HCI and ICT4D, completed 19 research projects, and has/is involved in projects with a total value of approx. RM 12 million (USD4 mil). These projects include collaboration with not only local but also international researcher.
	Dr Nadianatra Musa is specialized in Information Systems. She obtained a PhD (IS/IT Security Governance) from University of Tasmania, Australia, a MSc of Information Systems from University of Tasmania, Australia and BSc Computer Science (Hons) from Universiti Teknologi Malaysia (UTM), Malaysia. Her research of interests are IS/IT Security Governance, Information Systems Security and IT Governance E-Government services, governance(provenance), the interaction between formal, informal and technical components over IS/IT security implementation and course management system. She is currently Head of Information Systems Department at the Faculty of Computer Science and Information Technology.
	Dr Nariman Singmamae is an Emergency Physician, a Medical Lecturer and a Phase II Coordinator at Faculty of Medicine and Health Sciences, Universiti Malaysia Sarawak (UNIMAS). She is also attached with Emergency and Trauma Department, Sarawak General Hospital. She obtained her degree in MBBS from Daw Medical College Karachi, Pakistan and her specialty in emergency medicine (MEmMed) from Universiti Kebangsaan Malaysia (UKM). Her area of interest, besides teaching and training, is about using simulation in the medical education.

	Dr Mahani Abdu Shakur is a senior lecturer at the Department of Business Management, Faculty of Economics and Business, Universiti Malaysia Sarawak (UNIMAS). She obtained her PhD from Loughborough University, UK in the area of business management. She received her MSc in Business With Information Technology from Salford University, UK and her BA (Hons) Business and Accounting University of Bolton, UK. Her research interests are in the area of e-commerce marketing, strategic internet adoption and implementation and ethics in marketing / e-marketing. She has been actively participated and facilitated various workshops including educational based workshops for both graduate and undergraduate students in UNIMAS and socially based workshops for the international graduate students and staff during her study at Loughborough University. She is also active in community works.
	Dayang Hanani Abang Ibrahim is a lecturer of Computer Science at the Faculty of Computer Science and Information Technology, Universiti Malaysia Sarawak (UNIMAS). She received her Master in Information Management and Systems from Monash University, Australia. Study specialisation in Decision Support Systems and Information Systems Development. She also received her BSc Degree in Computer Science (Hons) from University Teknologi Malaysia (UTM), Malaysia. Her research interests are Knowledge Management, Provenance and Reproducibility, Governance (Provenance) and Course Management System. At present, she is the project leader for research funded under Malaysia Fundamental Research Grant Scheme: "An Enhancement of Provenance Model to Incorporate Service Versioning" and program coordinator for Information Systems Department at the faculty.
	Muhammad Hafiz Bin Mohd Shukri obtained his Bachelor of Laws (LLB) from International Islamic University Malaysia. He also obtained his Master of Law (LLM) from National University of Malaysia. He is currently a law lecturer at the Faculty of Economics and Business, University Malaysia Sarawak. His research areas include migration law, contract law, family law, child law and research related to legal rules or policies.

Appendix D: Media Coverage for the Event

Source: http://www.thestar.com.my/News/Community/2014/02/20/Affordable-and-impactful-Vicechancellor-Unimas-focuses-on-technology-that-benefits-society-at-large/

Community

Home > News > Community

Published: Thursday February 20, 2014 MYT 12:00:00 AM
Updated: Thursday February 20, 2014 MYT 3:51:38 PM

Vice-chancellor: Unimas focuses on technology that benefits society at large

BY SHARON LING

It's official: Kadim striking a gong to launch the workshop as Rohaya (right) and Responsibility Project coordinator Dr Zaharya Menevidis look on. — ZULAZHAR SHEBLEE / The Star

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KUCHING: Universiti Malaysia Sarawak (Unimas) is committed to carrying out research that will benefit society.

Its vice-chancellor Prof Datuk Dr Mohamad Kadim Suaidi said this was in line with the need to develop technology which was accessible, affordable and appropriate to local communities, as encouraged by the Government, as well as the responsible research and innovation (RRI) concept practised by the university.

"If the technology we develop is unaffordable or unsuitable for our society, it will be useless. In this context, our research has to benefit society at large.

"So this is our concern at Unimas. When we disburse grants to research teams, we have to see that their projects have an impact on society," he said at the opening of the first Asia Pacific Responsible Business Innovation workshop organised by Unimas here yesterday.

Kadim said one example of a research project with a long-lasting impact on the local community was the university's eBario Innovation Village.

"The eBario project has made a significant impact on the lives of the people in Bario and is now being replicated in a few more selected sites around Malaysia, including for the Orang Asli community," he said.

Meanwhile, organising chairman Dr Rohaya Mohd Nor said the two-day workshop focused on "Responsible Business as an Enabler of Innovation, with participants comprising researchers, scientists, professionals, policymakers and industry representatives.

"We will look at four broad perspectives, which are research development and commercialisation; participation and engagement; business innovation; and science and technology," she said.

Source: http://www.theborneopost.com/2014/02/20/technology-must-relate-to-society/

'Technology must relate to society'

by Wilfred Pilo, reporters@theborneopost.com. Posted on February 20, 2014, Thursday

Mohamad Kudim presents a souvenir to Menevidis (left) after officially opening the First Asia Pacific Responsible Innovative Workshop. — Photo by Chimon Upon

KUCHING: Technology should be built with the 3As in mind – accessible, affordable and appropriate – in order for it to be useful to society.

This was pointed out by Universiti Malaysia Sarawak (Unimas) vice chancellor Prof Dr Mohamad Kudim Suaidi, who said it was also the government's requirement.

"There is no point in having technology that is a misfit and not giving benefit to us," he told a press conference after officially opening the First Asia Pacific Responsible Innovative Workshop here yesterday.

According to him, the 3A concept is crucial in the university's research work.

The workshop was organised by Unimas Responsibility Research Team in collaboration with their strategic partners from Europe and South America in Responsibility and Research Innovation (RRI) consortium.

"It is the first time we bring this workshop to Sarawak in particular Unimas," he said of the two-day workshop.

Dr Rohaya Mohd Nor from the Business Faculty of Unimas is the head of the Responsibility Team in Unimas and the chairperson of the workshop.

Meanwhile at the press conference, Rohaya revealed that RRI consortium is a concept already accepted in Europe.

"As network researcher for Unimas and other universities, we are accepted in the network and we are invited to the consortium once we submit our proposal."

http://www.theborneopost.com/2014/02/20/unimas-sasar-projek-3a/

UNIMAS sasar projek 3A

by Siti Aisyah Ramli. Posted on February 20, 2014, Thursday

SIMBOLIK PERASMIAN: Mohamad Kadim (tengah) memukul gong sebagai tanda perasmian bengkel FARBI yang bermula hari ini hingga esok. Turut kelihatan Menevidis (kiri) dan Rohaya (kanan).

Untuk diaplikasikan rakyat Sarawak, tunjuk kepentingan saintifik selain beri kesan terhadap kehidupan masyarakat

KUCHING: Universiti Malaysia Sarawak (UNIMAS) menyasarkan projek berkonsep 3A (Jimat, Mudah dan Bersesuaian atau Affordable, Accessible & Appropriateness) untuk diaplikasi oleh seluruh rakyat negeri ini.

Menurut Naib Canselor UNIMAS Profesor Datuk Dr Mohamad Kadim Suaidi, aplikasi projek yang disasarkan bertujuan menunjukkan kepentingan saintifik selain memberi kesan terhadap perkembangan kehidupan masyarakat setempat.

"Kami (UNIMAS) mahu menjalankan projek yang bersesuaian dengan permintaan rakyat selain mengamalkan konsep 3A dalam aplikasi projek yang dikendalikan.

"Kejayaan projek itu nanti akan diguna pakai dalam aplikasi kehidupan seharian dan berperanan sebagai sesuatu yang dapat memudahkan aktiviti harian masyarakat," katanya.

Katanya kerajaan sentiasa menyokong sebarang teknologi yang dicipta yang bersesuaian serta dapat digunakan oleh masyarakat selain bertanggungjawab memberi keuntungan kepada masyarakat dalam jangka panjang.

Sebelum ini, UNIMAS berjaya merangka inovasi e-Bario sebagai keperluan masyarakat di Bario seperti pendigitan kemudahan selain turut mendapat pengiktirafan daripada kerajaan serta diperkenalkan kepada masyarakat Orang Asli di Pahang dan Kelantan, ujarnya.

Beliau berkata demikian pada sidang media selepas majlis pelancaran Bengkel Inovasi Tanggungjawab Perniagaan Pertama Asia Pasifik (FARBI) 2014, di sini semalam.

http://www.newsarawaktribune.com/news/21160/UNIMAS-sets-to-become-knowledge-hub/

UNIMAS sets to become knowledge hub

By : Abang Salfian Nawawi

Date Posted : Thursday 20-Feb-2014

KUCHING: Any essential national project is expected to demand increase in professional manpower. And as a local university in Sarawak, Universiti Malaysia Sarawak (UNIMAS) is poised to become a hub for knowledgeable workers to fuel the development and progress of Sarawak Corridor of Renewable Energy (SCORE) and for this state as a whole.

UNIMAS Vice-Chancellor Prof Dato' Dr Mohamad Kadim Suaidi said this was because Sarawak had plans to expand its capabilities in developing the energy sector and the national project SCORE targets 10 high impact priority industries that would complement the development plan and would also provide downstream opportunities for small and medium enterprises (SMEs).

"Therefore, the Responsible Research and Innovation (RRI) in the context of Asia Pacific region, organised by UNIMAS Responsibility Research Team is potentially an important forum for us here in South East Asia, particularly in Sarawak," Kadim pointed out in his speech before officiating the three-day UNIMAS 'First Asia Pacific Responsible Business Innovation Workshop' at Merdeka Palace Hotel and Suite, here yesterday afternoon.

"The responsibility project focuses on constructing an important forum to look into RRI and in the context of Asia Pacific Region, approaching research and innovation responsibly such as being responsible scientists, researchers, business planners, innovators or professionals, is what we practise and strongly integrate within our framework of understanding," he added.

He citied UNIMAS as an example, had undertaken several systematic measures to ensure the disbursement of grants for research and innovation initiatives were only for projects that articulated and demonstrated scientific importance and generated impact to improve society well-being.

"UNIMAS has been recognised internationally as an institution that integrates strongly in its approach in stimulating and encouraging research that can contribute to community development."

Stressing that UNIMAS, through various research projects, has won several prestigious awards for research that have long-lasting impact to our community, Kadim said that one of their notable research projects, eBario Innovation Village, under the Institute of Social Informatics and Technological Innovations (ISITI) - has won two awards in the 1st Global Telecentre Awards organised by Telecentre.org Foundation (TCF).

"The eBario project has made significant impact on the lives of the people in Bario, and now it is being replicated in a few more selected sites around Malaysia and these are some of many outstanding examples of our version of RRI," he added.

"The outcomes of the project have been identified as two applications; Responsibility Online Forum and Responsibility Observatory, therefore, I hope the outcomes from the workshop today will lead to substantial contributions that can be beneficial not just for Responsibility Project, but also to the European Union (EU) and European experts who attempt to highlight the seriousness of Responsible Research and Innovation in the context of various practices.

http://www.theborneopost.com/2014/02/20/13-rakan-kongsi-bincang-inovasi-dan-penyelidikan-yang-bertanggungjawab/

13 rakan kongsi bincang 'Inovasi dan Penyelidikan Yang Bertanggungjawab'

Posted on February 20, 2014, Thursday

KUCHING: Seramai 13 rakan kongsi daripada institusi negara Kesatuan Eropah dan bukan Kesatuan Eropah termasuk Universiti Malaysia Sarawak (UNIMAS) akan bekerjasama membincangkan 'Inovasi dan Penyelidikan Yang Bertanggungjawab' (RRI).

Ia akan dibincangkan dalam Bengkel Inovasi Tanggungjawab Perniagaan Pertama Asia Pasifik (FARBI) 2014 selama dua hari bermula hari ini (20 Februari) hingga esok (21 Februari) di Hotel Merdeka Palace, di sini.

Peserta-peserta FARBI merangkumi penyelidik, saintis, profesional, pencipta, pembuat dasar, perwakilan industri, golongan teknologi serta masyarakat awam.

Menurut Koordinator Projek 'Responsibity' Eropah Dr Ing. Zaharya Menevidis, bengkel itu akan memfokuskan tanggungjawab perniagaan yang berperanan membenarkan sebarang inovasi mahupun ciptaan yang tidak hanya memberi penekanan kepada Eropah, malah juga kepada Asia dan Malaysia.

Katanya hasil perbincangan melalui bengkel itu akan digunakan sebagai alat pembelajaran bagi meningkatkan pemahaman masyarakat mengenai isu yang berkaitan RRI.

"Bengkel ini akan memberi penekanan kepada bagaimana tanggungjawab perniagaan menjadi sesuatu yang penting dalam membenarkan inovasi dan ciptaan.

"Melalui penyatuan pendapat daripada pelbagai profesional yang mengikuti bengkel ini kelak, ia diharap dapat memberi pemahaman serta mencapai sebulat suara bagaimana RRI dapat diaplikasi dalam kehidupan masyarakat," katanya.

Beliau berkata demikian ketika membentangkan latar belakang bengkel FARBI, semalam.

Salah seorang peserta bengkel, Pensyarah University De' Namur dari Perancis Dr Philippe Goujon berkata, teknologi yang membangun pada masa kini disifatkan pantas namun inovasinya harus sejajar dengan pemuliharaan aspek budaya.

"Sebagai peserta bengkel, kita akan mencari jalan untuk menghubungkan inovasi teknologi agar terus seiiring dengan pemuliharaan budaya sedia ada.

"Meskipun dunia sekarang ditakrif sebagai dunia global, aspek budaya tidak harus dilupakan begitu sahaja," katanya.

RRI diperkenal di peringkat Eropah bertujuan mengenal pasti pendekatan yang dapat diguna pakai bagi menghubungkan teknologi dan masyarakat sekitar selain menjadi teknologi baharu yang membolehkan masyarakat bekerjasama dengan inovasi.

Antara disiplin yang turut menjadi penekanan sepanjang bengkel itu berlangsung ialah kesihatan, pertanian, bioteknologi, persekitaran, sosioekonomi, pengangkutan, ruang dan tenaga.

Hadir sama Naib Canselor UNIMAS Profesor Datuk Dr Mohamad Kadim Suaidi, Pengerusi Bengkel FARBI Dr Rohaya Mohd Nor serta Pegawai Perhubungan Media 'Responsibility' Elena Tavlaki.

RESPONSIBILITY

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	GeoImaging Ltd	
8	University Sienna	
9	University of the Aegean	
10	University Malaysia Sarawak	
11	Universidad de Chile	
12	Kyushu Institute of Technology	
13	Arbeiter-Samariterbund Wien Gesundheit und Soziale Dienste	

Global Model and Observatory for International Responsible Research and Innovation Coordination

Coordination Action SiS.2012.1.2.1-1

The project is co-funded by the EU through the SiS programme under FP7

Responsibility Forum Workshop
1st Asia Pacific Responsible Business Innovation 2014
February 19th, 2014
Kuching, Malaysia

Coordinator:

Dr. Aki Zaharya Menevidis (Fraunhofer)

Workshop Material

Objectives of the Workshop

As this workshop is the first to be conducted in Asia Pacific, hence its primary focus is to encourage constructive dialogues between targeted stakeholders of RRI and RESPONSIBILITY project consortium. The RESPONSIBILITY project consortium consists of 13 partners (10 institutions are from the EU countries; 3 institutions are from the non-EU countries).

The main purpose of the workshop is to bring together various stakeholders from different background and business entities that directly or indirectly play a role in promoting, practicing or propagating Responsible Research and Innovation (RRI) in the context of Asia Pacific region. As this workshop is the first to be conducted in the region, hence its main focus is to open a constructive dialogue with business and other stakeholders from Malaysia and other part of Asia Pacific countries. Through this workshop, the RESPONSIBILITY project can obtain views and positions regarding certain areas that the project could take action implementing its strategy, on the dissemination and integration of Responsible Research and Innovation. The RESPONSIBILITY project aims also to learn from invited participants and listen about business concerns and ideas, and exchange views on new proposals about RRI tools, engagement processes, operation and shared value to society. The workshop is expected to add value to the RESPONSIBILITY Forum and Observatory, and getting access to ideas to promote business innovation through partnerships for both business and the society.

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the notion of Responsible Business as An Enabler of Innovation. An indicative list of questions that can stimulate dialogues and discussion during the workshop sessions is as follows:

- How are researchers, innovators and policy makers engaging with civil societies and local communities to set up R&D and innovation agenda and priorities? In what ways the communication channelsv are established in this context?
- Does the researchers, innovators and policy makers view that a systematic process of obtaining input and feedback from the affected citizens is important? If yes, what are the effective mechanisms to obtain views and feedbacks from citizens or communities that will be / are affected by the outcomes of innovative products or services available through market?

12

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.

Expected Outcomes

- The **RESPONSIBILITY** project will

Networking

- have a societal, economic and scientific impact and
- enhance the International Coordination in the field of RRI, spreading results of best practices of technologies;

Forum

- promote networks of scientists to facilitate the definition of research priorities, avoiding duplication of efforts and strengthening the collaboration under horizontal issues.

Observatory

- 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.

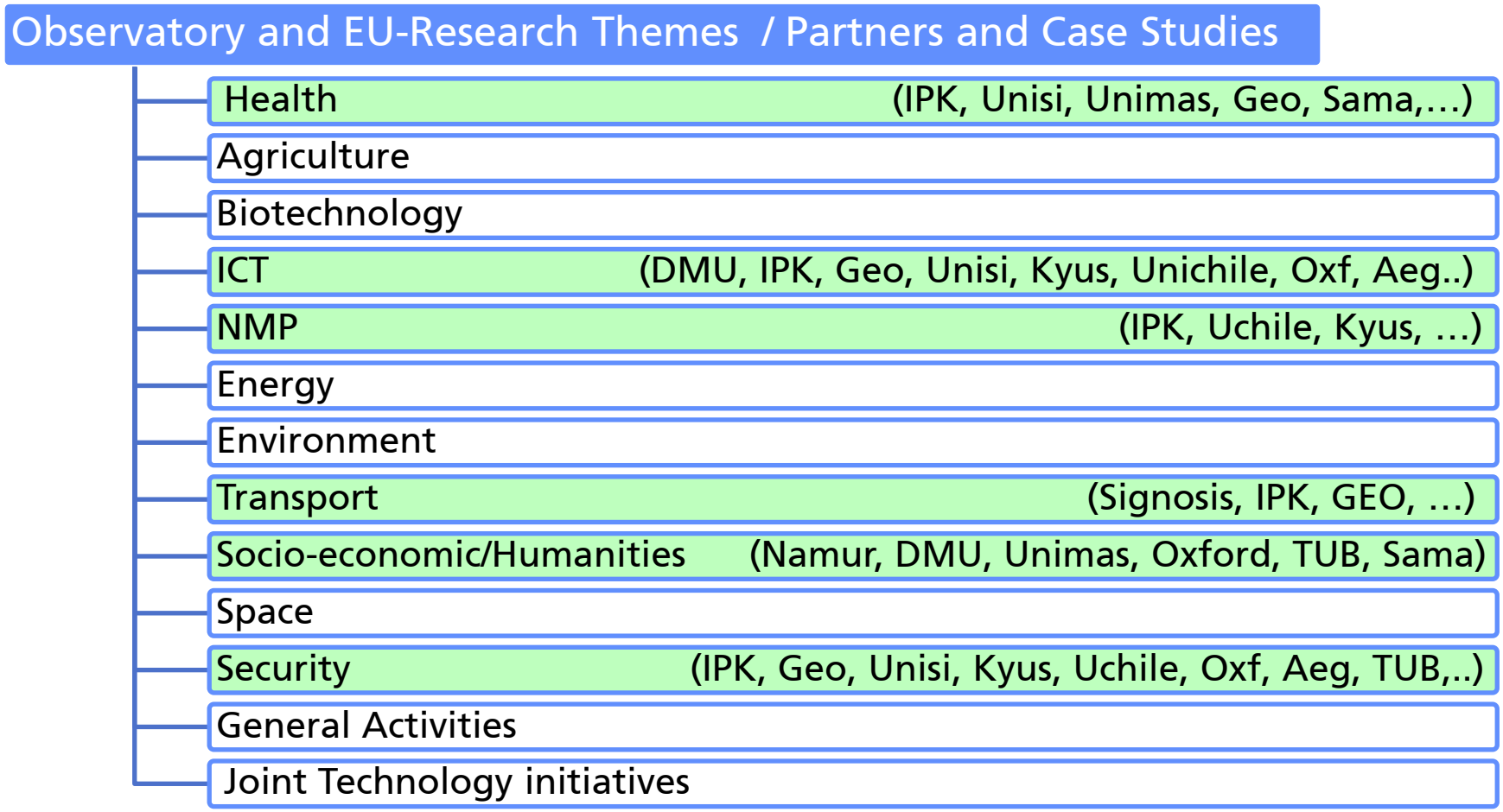
The RESPONSIBILITY Forum

- 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



Updated Schedule

Responsibility Forum Workshop

Constructing the Forum on Responsible Research & Innovation

11th February 2014

Brussels, Belgium

European Commission

SEVENTH FRAMEWORK PROGRAMME

RESPONSIBILITY Project is co-funded by the European Commission in the context of the FP7 programme

Global model and Observatory for international Responsible Research and Innovation Coordination

Vision

The RESPONSIBILITY project has the vision to become an effective knowledge transfer tool that diffuses scientific knowledge and simultaneously involves in a user-friendly manner researchers, policy makers as well as societal stakeholders to the concept and practice of RRI. The strategy for fulfilling this vision is to integrate the RESPONSIBILITY Observatory through an innovative way with construction of innovative activities that will assist the research community to induce their ideas in the RRI concept and practice. Furthermore, it aims to create a critical mass of interested public surrounding and supporting in implementing the RRI, at the researchers' daily work, in their individual context.

Expected Outcomes

The RESPONSIBILITY project will have an extensive societal, economic and scientific impact and particularly it will enhance the:

- International Coordination in the field of RRI, spreading results of best practices of technologies without any discrimination among countries, common European European identity and perceived sense of RRI.
- Networking and collaboration, establishing a virtual place to find the tools to active networking, for dialogue and polls, on line discussion to stimulate and respond to issues raised / identified in RRI.
- Creation of an on line Directory facilitating the exchange of information, concepts, approaches on RRI.
- Creation of a critical mass in confronting multi-dimensional and complicated societal issues.
- Promotion of networks of scientists to facilitate the definition of research priorities, avoiding duplication of efforts and strengthening the collaboration under horizontal issues.

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.

Observatory

The Observatory of Responsible Research and Innovation (RRI) aims to be established as a permanent point of reference and actual fore-thinking regarding the current concept and developments in the field of RRI. RRI is fast changing with revolutionary technologies and attitudes towards them still developing; including, particularly, attitudes about what would constitute responsible innovation.
The RESPONSIBILITY project will maintain relevance and impact over a longer period by producing and maintaining an Observatory of RRI. This Observatory will be a repository of findings from the project, but will also be designed to harness the involvement of the broader network of researchers and innovators to provide information on:

- Current and emerging technologies and the issues they are likely to raise for RRI
- Governance arrangements suitable for addressing RRI
- Case studies, examples of good practice and training materials in RRI

The Observatory will be evaluated and seeded by the network and will then be opened up to the global RRI community. It will allow researchers to identify areas in need of more detailed research and it will identify where public engagement on particular issues might be relevant.

1. Group Discussion Sessions

1.1. Introduction

The group discussion sessions will provide an opportunity to develop and discuss ideas for realising the aims of the RESPONSIBILITY Forum. The sessions are organised around a set of key questions that need to be addressed. The participants have been divided into three groups – the aim has been to try to include people with different interests in RRI – researchers who have been involved in previous project, theorists, people involved in RRI governance and practices, representatives of different academic disciplines. Further details on how these sessions will be run are provided in the following sections.

1.2. Discussion Sessions: Methodology

To maximise the amount of time for discussion, we have planned two parallel group discussion sessions of one hour each. There will be three groups of participants. We have three thematic questions: each group can address two questions (see section 2.3 below). Participants have been assigned to groups that reflect different interests in RRI (see section 2.4 below).

Discussion sessions			Group A	Group B	Group C
	First Session	60 minutes	Question 1	Question 2	Question 3
	Second Session	60 minutes	Question 2	Question 3	Question 1

Harvest sessions	Question 1	5 minutes	Group A
		5 minutes	Group C
	Question 2	5 minutes	Group B
		5 minutes	Group A
	Question 3	5 minutes	Group C
		5 minutes	Group B

Each discussion session should run as follows:

1) Discussion of agenda (5 mins)
   - Short discussion to add/remove questions for agenda, clarify questions etc
2) Main discussion (45 mins)
   - Discussion of questions from agenda for session
   - Please ensure enough time to cover all questions
3) Conclusion/summary
   - The groups should decide on its main conclusions, including possible issues to be looked at in more detail
   - Conclusions should try to relate overall discussion to the RRI framework

Harvest Session

After the discussion sessions have been completed, a 30 minute harvest session will be held. The conclusions from each discussion session will be presented.

1.3. Discussion Sessions: Questions

QUESTION 1: Forum Agenda

It is important that the Forum is able to address issues that are relevant for potential stakeholders, and that it is able to address and detect new problems as they arise. We therefore need to identify both an initial agenda for important issues, and to find ways to identify new issues as they arise.

- What are the concrete issues we want the forum to address (please provide examples and justifications)?
- What are the main questions the Forum should address?
- How should the Forum determine the content for the Observatory?
- What are the best mechanisms to introduce new issues (how to validate suggestions, put them on the agenda)? Please provide examples of effective mechanisms.

QUESTION 2: Participatory design of governance and training structures

The Forum is intended as a developing ground for governance and training structures relating to RRI. The Forum will therefore feed into the development of training tools for the Observatory, for example by providing suggestions for new training formats and developing them in their initial stages.

- How in practice will the forum contribute to designing both training and governance for RRI?
- What mechanisms are best for including different stakeholders (e.g. a mix of experts and non-experts)?

QUESTION 3: Decision making and incentives

The Forum should provide a source of authoritative advice and direction for the emerging RRI framework, but the precise nature of this advice and direction needs to be specified. Issues such as the nature of decision making processes need to be addressed. Also, the issue of the incentives to participate needs to be addressed. These points are interconnected: if the forum has stronger decision making powers, actors may have stronger incentives to participate. However, the demands of (democratic) legitimacy become correspondingly higher (e.g. binding decisions have a high threshold of legitimacy).

- What is the appropriate structure for decision making? How should the Forum reach decisions? What form should its advice take? Should the forum report to particular people or institutions, and should such reporting have a particular formal structure?
- What are the requirements of (democratic) legitimacy for such decisions? Which stakeholders should be included? What is the procedure for selecting and including stakeholders (e.g. a totally open approach, exclusively for experts, or a mixed approach?)
- How do we provide incentives for different stakeholders to participate?

1.4. Discussion Sessions: Groups

The following is a list of the groups that will take part in the discussion sessions. The groups have been selected to reflect different interests in RRI, e.g. people from different academic backgrounds, RRI policy-makers, theorists and practitioners. The participants have been chosen so that each group should have someone with expertise or experience of working on an applied RRI or similar project, someone with expertise in RRI theories, someone with expertise on legal and/or governance issues, and someone with knowledge of the European Commission's RRI programmes. It is therefore important that people remain in the groups to which they have been assigned in order to maintain the balance between different participants.

GROUP A
Prof. Vincent Blok
Prof. Markus Beckmann
Prof. Adriana Schiopoiu Burlea
Prof. Elisabet Garriga Cots
Dr. Daniela Obradovic
Dr. René von Schomberg
Dr. Karen Fabbri
GROUP B
Prof. Arie Rip
Dr. Barbara van Mierlo
Prof. María Amparo Grau Ruiz
Ms. Dionysia Lagiou
Prof. Jacqueline Broerse
Prof. Doris Schroeder
GROUP C
Dr. Jeanette Hofmann
Prof. Rolf Künneke
Prof. Xavier Pavie
Ms. Hilary Sutcliffe
Mr. Isidoros Karatzas
Mr. Ignasi López Verdeguer

2. Schedule

08:30-09:00: Registration/Coffee

09:00-09:30: Introductions (max 10 minutes each)

- Aki Zaharya Menevidis: Welcome from project consortium
- Karen Fabbri: Introduction from European Commission
- Elena Tavlaki: Introduction from Workshop Chair
- Presentation of aim and objectives of Forum and workshop by Namur

09:30-10:20: Keynote Presentations (20 minutes each)

- Arie Rip
- Jeanette Hoffmann

10:20-10:30: Coffee

10:30-12:15: Position Statements from Participants (max 5 minutes per participant)

No.	Time	Participant	Organisation
1	10:30 - 10:35	Isodoros Karatzas	EU DG Research and Innovation
2	10:35 - 10:40	Jacqueline Broerse	VU Amsterdam
3	10:40 – 10:45	Adriana Schiopoiu Burlea	University of Craiova
4	10:45 – 10:50	Elisabeth Garriga	EADA Business School
5	10:50 – 10:55	Amparo Grau	University of Madrid
6	10:55 – 11:00	Hilary Sutcliffe	MATTER
7	11:00 – 11:05	Rene Von Schomberg	European Commission
8	11:10 – 11:15	Rolf Kunneke	TU Delft
9	11:15 - 11:20	Daniela Obradovic	University of Amsterdam
10	11:20 – 11:25	Xavier Pavie	ESSEC Business School
11	11:25 – 11:30	Dionysia Lagiou	European Commission
12	11:30 – 11:35	Barbara Van Mierlo	Wageningen/Nijmegen University
13	11:35 – 11:40	Markus Beckmann	Friedrich-Alexander Uni / Erlangen-Nuremberg
14	11:40 – 11:45	Doris Schröder	Progress Project Co-ordinator
15	11:45 – 11:50	Ignasi López Verdeguer	RRI Tools Project Co-ordinator
16	11:50 – 11:55	Vincent Blok	Wageningen/Nijmegen University

12:15-13:00: Lunch

13:00-14:00: First Discussion Session		
Group A	Group B	Group C
Questions 1	Questions 2	Questions 3

14:00-15:00: Second Discussion Session		
Group A	Group B	Group C
Questions 2	Questions 3	Questions 1

15:00-15:10: Coffee

15:10-15:40: 'Harvest' from group discussions (each group presents its findings (5min/question)

Harvest sessions	Question 1	15:10-15:15	Group A
		15:15-15:20	Group C
	Question 2	15:20-15:25	Group B
		15:25-15:30	Group A
	Question 3	15:30-15:35	Group C
		15:35-15:40	Group B

15:45-16:45: Roundtable discussion: Conclusions and priorities for further discussion and action

16:45-17:00: Wrap up

RESPONSIBILITY Project partners

FRAUNHOFER

Fraunhofer - Gesellschaft zur Förderung der angewandten Forschung E.V.

The Fraunhofer-Institut für Produktionsanlagen und Konstruktionstechnik IPK conducts applied research and development on future-oriented technologies for production processes in factories. The Department for Security Technology of Fraunhofer IPK has been working for more than twenty years on the development of new methods for digital image processing, image evaluation and their practical application.

http://www.ipk.fraunhofer.de

SIGNOSIS

Signosis SPRL

Signosis is an advisory, research and project management company based in Brussels, Belgium, providing multidisciplinary services within various fields of expertise, ranging from information technologies to sustainability and social policy and focusing on promoting and implementing innovation in companies and social and public organisations.

http://www.signosis.eu

DMU

De Montfort University

The Centre for Computing and Social Responsibility (CCSR) at De Montfort University researches, and provides teaching, consultancy and advice on the actual and potential impacts of computing and related technologies on society and its citizens.

http://www.dmu.ac.uk/ccsr

UNAMUR

Université de Namur

The Laboratory for the Ethical Governance of Information Technology (LEGIT) is a research centre focused on the development of an innovative approach to the governance of information technology. The centre develops an ethical framework based on a new understanding of the conditions of normative judgements in specific ethical contexts, focused in particular on reflexivity.

http://www.unamur.be/en/int/legit

TUB

Technische Universität Berlin

The Center for Technology and Society (CTS) was founded in 1995 and is a central research department of the Technical University of Berlin. Its research focus lies on interactions between societal and technical developments.

http://www.tu-berlin.de/ztg/menue/startseite_ztg/parameter/en/
http://www.humantechnologylab.org

UOXF

The Chancellor, Masters and Scholars of the University of Oxford

The Oxford e-Research Centre is a unique centre of excellence at the University of Oxford which works across all fields and disciplines to enable the use and development of innovative computational and information technology.

http://www.cs.ox.ac.uk

GEO

Geoimaging Ltd.

GeoImaging Ltd is an SME established in 2002 in Nicosia Cyprus. The company offers scientific and professional solutions in Geo-informatics, photogrammetry, image analysis for health applications, 3D modelling, GIS applications, IT/Software/web Development Cartography, Surveying. GeoImaging is also very active in R&D participating in several EU and national funded projects as partner or coordinator.

http://www.geoimaging.com.cy

UNISI

Universita' degli studi di Siena

The University of Siena (UNISI) participates in the Responsibility project via its Department of Information Engineering and Mathematical Sciences. The main research activities encompass the areas of Automatic Control, Mobile Communications and Satellite Networks, Computer Science, Electrical Engineering, Electromagnetism, Electronics, Mathematical Analysis and Operation Research.

http://en.unisi.it

AEGEAN

University of the Aegean-Research Unit

The Laboratory of Information and Communications Systems Security (Info-Sec-Lab) includes seven academic staff and the main research topics within the Info-Sec-Lab include: Privacy Enhancing Technologies; Legal and Regulatory issues in Data and Privacy Protection; Security and Privacy Economics Critical Information and Communication Infrastructure Security; etc.

http://www.icsd.aegean.gr/group/index.php?group=L1

UNIMAS

Universiti Malaysia Sarawak

Universiti Malaysia Sarawak (UNIMAS), Malaysia's eighth university was officially incorporated on 24 December 1992. A university that is contemporary in character and forward-looking in outlook, it is committed in providing the nation with leaders, managers, scientists and technical specialists as well as thoughtful citizens who are capable of handling the complex challenges of our common future - confidently, competently, and creatively.

http://www.unimas.my

UCHILE

Universidad de Chile

The Universidad de Chile is the oldest and most important university in Chile, in terms of research and number of students. The School of Engineering and Applied Sciences (Facultad de Ciencias Físicas y Matemáticas – FCFM in Spanish) is the main engineering School in Chile, carrying most of the basic and applied research in the country.

www.amtc.cl

KYUTECH

Kokuritsu Daigaku Hojin Kyushu Kogyo Daigaku

The Kyushu Institute of Technology (Kyutech) was originally founded as a private institution called the Meiji College of Technology (MCT) in 1907, in the northern area of the island of Kyushu in JapanThe Kyutech is structured into two schools and three graduate schools.

http://www.kyutech.ac.jp

SAMARITER

Arbeiter Samariter Bund Wien Gesundheits und Soziale Dienste gemeinnützige GmbH

Arbeiter-Samariter-Bund is a non-profit organization and was founded over 80 years ago. Since then, all members follow their main mission: Helping people in need, regardless of their gender, age, ethnicity, religion or ideology. Arbeiter-Samariter-Bund Österreichs counts over 150.000 members and 5.000 employees, including many volunteers.

http://www.samariterwien.at

Responsibility project is partially funded by the European Commissionunder the FP7 Framework

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RESPONSIBILITY

Visit us online
www.responsibility-rri.eu

Global model and Observatory for international Responsible Research and Innovation Coordination

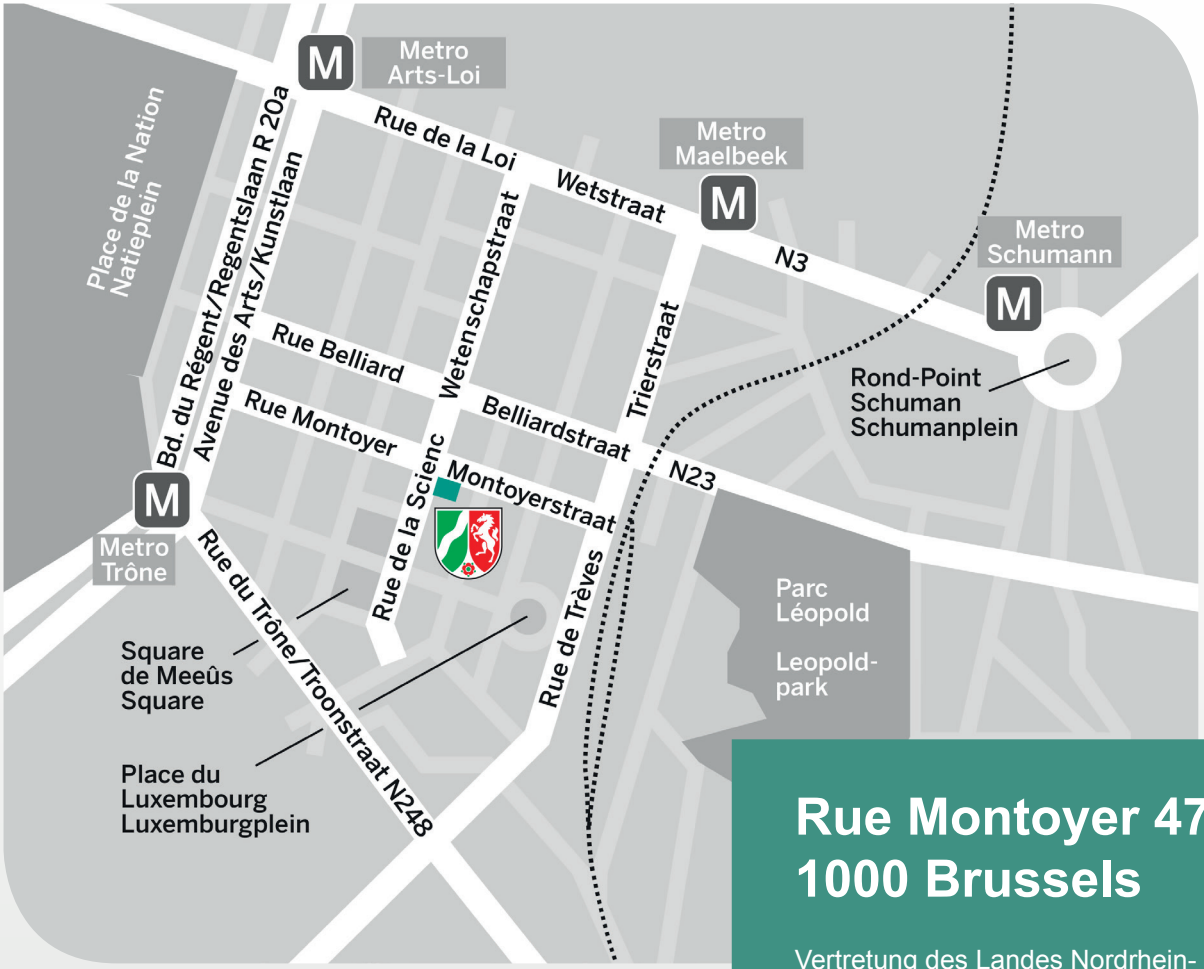
Responsibility Forum Workshop

Constructing the Forum on Responsible Research & Innovation

11th February 2014
Brussels, Belgium

Enabling Stakeholder Engagement on Responsible Research and Innovation

RESPONSIBILITY Project is co-funded by the European Commission
in the context of the FP7 programme



Rue Montoyer 47
1000 Brussels

Vertretung des Landes Nordrhein-Westfalen bei der Europäischen Union

Conference Room “Heine”

Workshop chair
Elena Tavlaki

Host Institution
Vertretung des Landes
Nordrhein-Westfalen
Rue du Montoyer 47
1000 Brussels, Belgium

Scientific Secretariat
Mohamad Ajami

Rapporteur
John Pearson

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The RESPONSIBILITY FORUM WORKSHOP

The purpose of the launching workshop of the RESPONSIBILITY Stakeholder Forum is to enable representatives of key stakeholders of the research community to actively participate in setting the agenda and determining the aims of the RESPONSIBILITY Responsible Research and Innovation (RRI) Forum. This is a unique opportunity to contribute to the construction of an important online tool for the governance of research and innovation in Europe and beyond. In this document, we introduce the RESPONSIBILITY project and its relationship to Responsible Research and Innovation, describe the aims and methodology of the first Forum meeting, and provide a timetable of the meeting.

Brussels, 11th Febuary 2014

Letter from project Co-ordinator

Dr.-Ing. Zaharya Menevidis

Poject Co-ordinator

Fraunhofer-Institute

For Production Systems and Design Technology IPK

Dear participants of the workshop,

We are pleased for your participation in the launching workshop of the RESPONSIBILITY Forum. The purpose of this workshop is to enable key stakeholders to participate in constructing the agenda and determining the aims of the RESPONSIBILITY Responsible Research and Innovation (RRI) Forum. We believe that this is a unique opportunity to contribute to the construction of an important online tool for the governance of research and innovation in Europe and beyond.

The workshop, with invited RRI experts and other RRI stakeholders, will focus on two broad questions: “What are your concerns and interests relating to RRI?” and “How do you think you, your network, and society as a whole can get the best out of the implementation of RRI?”. Your experience, insights and opinions would surely enrich the debate and thus will help us to make a real difference in shaping the RESPONSIBILITY Forum.
Thanking you in advance for considering our invitation.

On behalf of the RESPONSIBILITY team

Dr.-Ing. Zaharya Menevidis
Poject Co-ordinator

Letter from project officer

Karen Fabbri, Ph.D.

Policy/Science Programme Officer

European Commission

DG Research & Innovation

B6-Responsible Research and Innovation

Dear participants of the workshop,

This event is very timely and relevant to our evolving policy activities related to Responsible Research and Innovation (RRI). Last December, the first calls of Horizon 2020 were published. The Science with and for Society workprogramme[1] sets out numerous RRI topics under the following headings:

- Making science education and careers attractive for young people (SEAC)
- Promoting gender equality in research and innovation (GERI)
- Integrating society in science and innovation (ISSI)
- Developing governance for the advancement of responsible research and innovation (GARRI)

In addition to the Science with and for Society workprogramme, RRI is being mainstreamed as a cross-cutting action throughout the other Horizon2020 Pillars and Societal Challenges. This means that additional opportunities lie ahead to liaise with thematic research and innovation communities on each

1 http://ec.europa.eu/research/participants/portal/doc/call/h2020/common/1587807-16._swafs_wp2014-2015_en.pdf

of the RRI dimensions, which currently include fostering multi-actor and public engagement, gender equality and gender in the research content, ethics, open access to research results, formal and non-formal science education, and responsible research and innovation governance .

In addition to envisaging future prospects of research and innovation funding, we are actively engaging with our stakeholders to co-construct the framework in which to develop RRI policy within the European Research Area. So these are busy and exciting times!

RESPONSIBILITY is one of a cluster of projects (including PROGRESS, GREAT, RES-AGORA, Responsible-Industry and RRITOOLKIT) devoted to furthering the concept and practice of RRI Governance, in Europe and beyond. It will play a significant role in fostering an open dialogue and exchange of good practice amongst the RRI communities and other stakeholders.

This preparatory workshop will ask you to deliberate on “What are your concerns and interests relating to RRI?” and “How do you think you, your network, and society as a whole can get the best out of the implementation of RRI?” These are indeed important questions. Of interest to us is also “what are your needs to effectively implement RRI”? The EC is listening and ready to provide support for further relevant actions.

By working together towards a common goal and by attaining a critical mass, we can jointly steer the governance of research and innovation at multiple levels, such that it may be more societally relevant to the needs, values and expectations of European society.

Karen Fabbri, Ph.D.
Policy/Science Programme Officer

The RESPONSIBILITY Project

(Aim, Objectives and Expected Result)

RESPONSIBILITY is an exciting project partially funded by the European Commission's 7th Framework Programme. The project aims to co-ordinate the adoption and diffusion of Responsible Research and Innovation (RRI) in the European Union and beyond. The full title of the project is "Global Model and Observatory for International Responsible Research and Innovation Coordination". The main aim of RESPONSIBILITY is to co-ordinate the dissemination of RRI and to engage with the actors of RRI to an active participatory development of the concept and the practices for RRI. This will be done by setting up opportunities for interaction and deliberation between the main stakeholders affected by RRI (including business, policy makers, researchers and civil society), and by developing tools to allow for the practical application of RRI in the innovation process. The first of these tasks (interaction between stakeholders) will be accomplished mainly by setting up an online RRI Forum. The second of the tasks (developing and applying RRI tools) will mainly be accomplished by setting up an RRI Observatory. This event is mainly focused on the first of these tasks: constructing the Forum, and setting an agenda for discussion within that Forum.

The aim of RESPONSIBILITY is to develop a set of tools for the dissemination and integration of Responsible Research and Innovation. RRI introduces a more explicit concern for societal benefits into the Research and Innovation process, alongside more established considerations such as economic benefits and scientific excellence. The following five criteria are some of the main features of RRI:

Key features of responsible research and innovation

1. Open and transparent research and innovation processes

2. On-going involvement and engagement of affected stakeholders throughout the research and innovation process

3. Assessment that is sensitive and sensitized to social and environmental risks and impacts, as well as economic, technological and commercial benefits of innovations

4. Research and innovation that is focused on meeting societal needs and addressing grand social challenges

5. Flexible, adaptive research and innovation processes that are able to change the approach of research and innovation in response to new needs and problems and ever-changing contexts and circumstances.

Continuous dialogue and interaction between research and innovation stakeholders is central to the success of RRI. For this reason, the organization and operation of the Forum is a vital component of the RESPONSIBILITY project; the Forum will allow and stimulate dialogue between different stakeholders, the construction of an RRI network and community, and the development of RRI training and education tools that will be made available via the RESPONSIBILITY Observatory.

The Forum is necessary to ensure that different stakeholders will be able to provide input into addressing some of the following problems that RRI might face:

Reasons for constructing RRI FORUM

1. There is a risk that RRI may become restricted to academic research environments. The context of industrial and commercial research also needs to be considered and for this reason, stakeholders from the industrial and commercial world need to be included

2. Responsibility is not restricted to the legal sense of liability, which picks out individual agents and assigns responsibility for previous actions to those agents. A broader sense of social responsibility requires us to rethink how responsibility is assigned and shared. Such rethinking needs to involve a wide range of social actors in order to develop a shared understanding

3. Certain features of RRI may vary according to the sector in which RRI is applied. Again, we need to include a range of actors to ensure that we take account of such contextual differences

4. RRI partly involves reframing societal problems so that commercial actors have an incentive to address them. Such reframing needs to involve those affected by the initial problem, as well as the actors at whom the incentives are aimed

5. RRI presumes a degree of ethical motivation on the part of innovation actors, but this can be difficult to reconcile with commercial imperatives. Therefore, we need a dialogue between different stakeholders in order to discover how to reconcile these apparently conflicting imperatives

The broad social context of the types of problems outlined above demonstrates why it is necessary to construct a Forum that is open and accessible to a wide range of stakeholders, and this is why we will involve stakeholders in the construction of the Forum agenda via this workshop.

Constructing the RESPONSIBILITY Forum

As the purpose of the launching workshop of the Forum is to allow stakeholders to contribute to determining the agenda of the Forum, we will use the most open and participatory structure possible for the workshop. This should allow for a broad range of contributions from the stakeholders involved. We propose that the most appropriate way to approach this issue is to highlight the enabling, positive role that such stakeholders could play or their potential future influence on the development of the RESPONSIBILITY Forum.

This approach forms a key element of the framework for the RESPONSIBILITY Forum and has the following characteristics:

1. Increased transparency and “client voice” lead to more responsible research and innovation

2. Pooling of a broad variety of participants’ backgrounds through a constructive approach would help to coalition-building and to find solutions to a multitude of challenges that are associated with RRI

3. The discussion will be primarily organized around the value of participants’ knowledge on RRI and different degrees of participants’ potential influences.

4. A broad thematic for the discussion is the only prior specification – all other topics and issues for discussion are specified during the workshop itself.

5. Participants suggest questions and topics for the agenda of the Forum or of the workshop (e.g. by writing on a board). These topics are the basis for further sessions or discussions that the other participants can attend

6. Participants demonstrate their motivation by responding to the Forum and contributing to the workshop. One of the most important considerations is the motivation of the candidates

7. The forum is a participatory dialogue tool, which creates the conditions for people to motivate themselves and to organise for themselves the way they are going to work and act together.

8. Different stakeholders can take the lead by introducing the topics most relevant for them.

9. The overall thematic helps to maintain the focus of the session

10. The Forum will enable the construction of networks around the RRI theme

This approach was selected because we believe it is the best way to achieve a positive and determinate outcome to our discussion, without pre-determining the agenda.

The following is a proposal for two broad themes for the launching workshop of the Forum:

Thematic A:

Stakeholder concerns and interests relating to RRI.

Thematic B:

Benefits and expectations from the implementation of RRI

Example Questions to be addressed during the workshop:

- "How would the research or innovation affect my freedoms to act within society (including freedom of self-determination, of mobility, of speech, from suppression, from discrimination)?"
- "How would the new technology affect the cohesion of the social groups (including family, friends, religious communities) of which I'm a member?
- "How would the research or innovation affect me as well as the regional and global physical and ecological environment?"

Outline Agenda

08:30 – 09:00	Registration
09:00 – 09:30	Welcome and Introductions by the Forum Organisers Welcome from project Coordinator, Dr. Zaharya Menevidis Introduction from European Commission Project Officer, Ms. Karen Fabbri Introduction Workshop Chair, Ms. Elena Tavlaki Presentation of aim and objectives of Forum and workshop, Prof. Philippe Goujon
09:30 – 10:20	Introduction to Responsible Research and Innovation and Open Forum method Keynote Presentations Prof. Arie Rip Dr. Jeanette Hoffman
10:20 – 10:30	Coffee
10:30 – 12:15	Position Statements from participants
12:15 – 13:00	Lunch
13:00 – 14:00	First Group Discussion Societal and other benefits from the implementation of RRI
14:00 – 15:00	Second Group Discussion Internet Governance Forum Representative
15:00 – 15:10	Coffee break
15:10 – 15:45	'Harvest' from group discussions
15:45 – 16:45	Roundtable discussion: Conclusions and priorities for further discussion and action
16:45 – 17:00	Wrap up

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Prof. Arie Rip (Key Note Speaker)

Emeritus Professor of Science and Technology Policy
Netherlands

The Past and Future of RRI

RRI should be seen as an attempt at social innovation. Before sketching the directions in which I see this innovation develop, including emerging path dependencies, I will locate RRI as part of broader developments. In particular, I will introduce the notion of division of moral labour between scientists and technologists (and their institutions) and other groups and institutions in society (including government). There have been shifts, after World War 2 and then again in the 1980s and 1990s. RRI may push, and reflect, a further shift. One indication is how the terminology has shifted from 'responsibility' (often of individual scientists and technologists) to 'responsible' (of research and innovation, i.e. multi-actor and multi-level processes and outcomes).

Arie Rip,emeritus Professor of Science and Technology Policy, Department of Science, Technology and Policy Studies, University of Twente (Netherlands)
Arie continues to work on science institutions and their futures, on technology and innovation dynamics, and on technology assessment.

Five recent and relevant publications:

- Arie Rip, De facto governance of nanotechnologies, in Morag Goodwin, Bert-Jaap Koops and Ronald Leenes (eds.), Dimensions of Technology Regulation, Nijmegen: Wolf Legal Publishers, 2010, pp. 285-308.
- Pierre-Benoît Joly, Arie Rip, and Michel Callon, 'Reinventing Innovation', chapter in Maarten Arentsen, Wouter van Rossum, and Bert Steenge (eds.), Governance of Innovation, Cheltenham: Edward Elgar, 2010, pp. 19-32
- Arie Rip, Protected spaces of science: their emergence and further evolution in a changing world, chapter in Martin Carrier & Alfred Nordmann (eds.), Science in the Context of Application: Methodological Change, Conceptual Transformation, Cultural Reorientation, Dordrecht: Springer, 2011, pp. 197-220
- Arie Rip, Science Institutions and Grand Challenges of Society: A Scenario. Asian Research Policy, 2(1) (2011) 1-9
- Arie Rip and Harro van Lente, Bridging the gap between innovation and ELSA: the TA program in the Dutch nano-R&D program NanoNed. Nanoethics 7(1) (April 2013) 7-16
  Erik Fisher and Arie Rip, Responsible Innovation: Multi-level dynamics and soft intervention practices, in Richard Owen, John Bessant and Maggy Heintz (eds.), Responsible Innovation: Managing the Responsible Emergence of Science and Innovation in Society. Chichester: John Wiley & Sons, 2013, pp. 165-183.

Dr. Jeanette Hofmann (Key Note Speaker)

WZB Berlin Social Science Center (WZB)
Alexander von Humboldt Institute for Internet and Society (HIIG)

Internet Governance Forum

This presentation will discuss the development and implementation of the Internet Governance Forum (IGF) as an example of large scale governance of technology and innovation at trans-national level. The aim is to provide insights into an example of multi-stakeholder and multi-level governance in a complex and rapidly changing field. Various features of the IGF make it a relevant example from which the RESPONSIBILITY project can learn – for example, the IGF is primarily an online Forum with regular face to face meetings; it includes business, civil society, trans-national and national representatives, and it covers an area of rapid technological change with a strong trans-national dimension.

I am a political scientist working on Internet Governance both on the national and the international level. In addition to my research activities I was actively involved in the UN World Summit on Information Society (WSIS) and its follow up process, including the Internet Governance Forum (IGF).

Recent publications

- Hofmann, Jeanette (2013) Narratives of Copyright Enforcement: The Upward Ratchet and the Sleeping Giant
- Hofmann, Jeanette (2013) Information Governance in Transition: Lessons to be Learned from Google Books, in: Research Handbook On Governance Of The Internet, Edward Elgar Publishing, 71 – 98.
- Hofmann, Jeanette, Katzenbach, Christian & Münch, Merlin (2012) Kulturgütermärkte im Schatten des Urheberrechts. Zur Pluralität praktizierter Regelungsformen [Markets for cultural goods in the shadow of copyright law. The plurality of practiced regulation], Aus Politik und Zeitgeschichte – Beilage zur Wochenzeitung Das Parlament 41 – 42, 39 – 45.
- Busch, Andreas & Jeanette Hofmann (eds.), Politik und die Regulierung von Information [Politics and the regulation of information], special issue of Politische Vierteljahreszeitschrift.

Ms. Hilary Sutcliffe

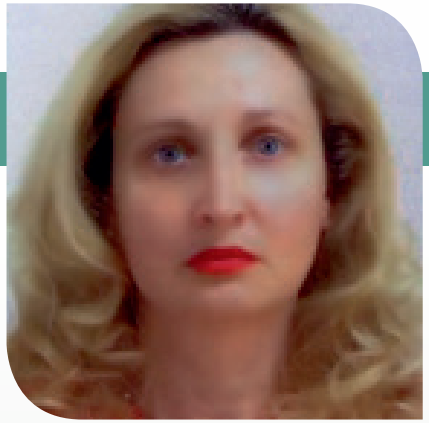
MATTER

Hilary is the Director of MATTER, an UK based think tank which promotes the understanding and Responsible Innovation, particularly the appropriate use of new and emerging technologies, such as nanotech, biotech, synthetic biology and geoengineering.

MATTER's seeks to encourage the appropriate use of these innovative technologies for social benefit, promote strong governance and inspire the ongoing involvement of stakeholders. Its multi-stakeholder steering group and collaborative, independent approach make it an important voice in this emerging area.

Her expertise includes governance, public involvement, multi-stakeholder initiatives, corporate responsibility and communications. She previously developed the Responsible Nano Code - a multi-stakeholder initiative to develop a principles-based code of conduct for companies involved in the development of nanotechnologies and created the internet pilot www.nanoandme.org, funded by the UK government for the general public. In addition to blogging, she also writes on responsible innovation (including for the European Commission), stakeholder engagement and corporate responsibility and new technologies.

Hilary currently serves on the Advisory Board of the Institute of Innovation Research at Manchester Business School, University of Manchester and the External Advisory Board of the University of Michigan Risk Science Centre in the USA. She is chair of the Advisory Panel of an FP7 project "Responsible Research and Innovation in a Distributed Anticipatory Governance Frame (Res-AGorA) (translated as 'Do we need a Responsible Innovation Framework for Europe?) and the Advisory Group - Emerging Technologies and Implications of Next Generation Innovation Systems Development in China and Russia. She previously worked as a consultant for organisations as diverse as the UK Government's Cabinet Office, BT, Rio Tinto, Marks & Spencer, the Tomorrow's Company Inquiry and the Ethical Trading Initiative. Hilary was previously a non-exec director of the Ethical Investment Research Service (EIRIS) and spent over 10 years on Amnesty International UK Business Group.



Prof. Adriana Schiopoiu Burlea

University of Craiova, Romania

Recent publications

- BURLEA ŞCHIOPOIU A., 2014, The Challenges of the Prosumer as Entrepreneur in IT, in Frameworks of IT Prosumtion for Business Developement, editor - Malgorzata Pankowska, IGI-Global, http://www.igi-global.com/book/frameworks-prosumption-business-development/75473
- BURLEA ŞCHIOPOIU A., 2014, Mapping the dissipation of social responsibilities in a challenging environment, in Company Law and CSR: New Legal and Economic Challenges, editor Ivan Tchotourian, BRUYLANT.
- BURLEA ŞCHIOPOIU A., 2013, The Ethical Issue in Internet Communication, in Internet Communication Management. International Week, edited by M. Pankowska and W. Dyduch, University Publisher Office Poland.
- BURLEA ŞCHIOPOIU A., 2013, An Aristotelian approach to sustainable management, in Encyclopedia of Corporate Social Responsibility – PART - Sustainability/Sustainable Development, Editors: Samuel O. Idowu, Nicholas Capaldi, Liangrong Zu, Ananda Das Gupta, Springer. http://www.springerreference.com/docs/html/chapterdbid/333390.html
- BURLEA ŞCHIOPOIU A., 2010. Ethics of Information in Distributed Business Environments – in Infonomics for Distributed Business and Decision-Making Environments: Creating Information System Ecology, editor - Malgorzata Pankowska, IGI-Global.
- http://www.igi-global.com/bookstore/TitleDetails.aspx?TitleId=543&DetailsType=Chapters

Prof. Markus Beckmann

Full Professor for Corporate Sustainability Management
School of Business and Economics
Friedrich-Alexander University of Erlangen-Nuremberg
Germany

Recent publications

- Schaltegger, Stefan, Beckmann, Markus and Erik G. Hansen (2013): Transdisciplinarity in Corporate Sustainability. Mapping the Field, in: Business Strategy and the Environment, Vol. 22(4), S. 219-229.
- Beckmann, Markus and Anica Zeyen (2013): A Hayekian Perspective on Social Franchising: Scaling Social Entrepreneurship by Combining Small-Group and Big-Group Logics, in: Nonprofit and Voluntary Sector Quarterly (online first).
- Pies, Ingo, Markus Beckmann and Stefan Hielscher (2013): The Political Role of the Business Firm: An Ordonomic Concept Inspired by the Aristotelian Idea of Citizenship, in: Business and Society (online first) doi: 10.1177/0007650313483484
- Beckmann, Markus, Stefan Hielscher and Ingo Pies (2013): Commitment Strategies for Sustainability: How Companies can Transform Trade-offs into Win-Win Outcomes. In: Business Strategy and the Environment. (online first: DOI: 10.1002/bse).
- Pies, Ingo, Stefan Hielscher and Markus Beckmann (2009): Moral Commitments and the Societal Role of Business: An Ordonomic Approach to Corporate Citizenship, in Business Ethics Quarterly, 19(3), S.375-401.

Prof. María Amparo Grau Ruiz

Financial and Tax Law Professor
Universidad Complutense de Madrid

Principal Investigator of a national research project on "Fiscal measures to promote socially responsible foreign investment: legal approach and impact on institutions and accountancy in developing economies" (DESAFIO).
Observer at the UN Committee of Experts on International Cooperation in Tax Matters. participant of the OECD International Network for Tax Research.

Latest publications

- "Los incentivos fiscales a la inversión socialmente responsable en los países en desarrollo: ¿una tasa internacional por su control como mecanismo innovador de financiación?, Crónica Tributaria, No.148, 2013, p. 85 - 104.
- "Responsabilidad Social Empresarial y fiscalidad internacional en relación con la inversión directa extranjera en países en desarrollo", Revista Globalización, Competitividad y Gobernabilidad, No. 3, Sept-Dic 2013, p. 34 - 48.
- "Una medida todavía insuficientemente explorada en la lucha contra el fraude fiscal en su dimensión internacional: la transparencia en el cumplimiento de obligaciones tributarias a través de la responsabilidad social empresarial", Crónica Tributaria, No.1 extra, 2013, p. 33 - 40.

Book (coordinated)

- Responsabilidad Social de las Organizaciones, Grupo 5, Madrid, 2013.

Book of abstracts

- Conference organized in June 2013 at the Cámara de Comercio de Madrid on "Emprender desde la RSE en el mercado global" [http://eprints.ucm.es/22589/]

On line comment

- "Cambios en el entorno y el núcleo de la responsabilidad social empresarial en relación con la fiscalidad", Foro Jurídico Iberoamericano, Diciembre 2013. [http://www.forjib.org/cambios-en-el-entorno-y-el-nucleo-de-la-responsabilidad-social-empresarial-en-relacion-con-la-fiscalidad]

Mr. Isidoros Karatzas

Head of the Ethics Sector

Science for and in Society , DG Research & Innovation

European Commission

Mr Karatzas is a biochemist by training. He has been the head of the Ethics sector of DG Research and Innovation since 2007. Since then he has introduced the new ethics review system for the framework Programme and pionered the ethics follow-up and audit process. In addition he introduced ethics and ethics review focused training programmes for the Commission staff and the scientific community. Under Horizon2020 the sector will also be involved in research integrity isseus and adjudication of misconduct cases.

The Ethics sector publishes all the guidence notes that relate to the ethics review procedure (e.g.on data protection, on ethics in social sciences, on misuse of research results etc) in order to facilitatethe uptake of research ethics isseus in the research projects. The Horizon2020 Guidence notes will be available shortly in a dedicated section of the Participants Portal.

Prof. Rolf Künneke

Professor Economics of Infrastructures
Faculty of Technology, Policy, and Management
Delft University of Technology

Recent publications

- Künneke, R. W. (2012). Mapping Institutional, Technological and Policy Configurations of Inverse Infrastructures. Inverse Infrastructures. T. Egyedi and D. Mehos. Cheltenham, Edward Elgar.
- Finger, M. and R. Künneke, Eds. (2011). International handbook of network industries. The liberalization of infrastructure. Cheltenham, Northampton, Edward Elgar.
- Künneke, R. W., et al. (2010). "Aligning modes of organization with technology: Critical transactions in the reform of infrastructures." Journal of Economic Behavior & Organization 75: 494-505.
- Künneke, R. W. and J. P. M. Groenewegen (2009). Challenges for Readjusting the Governance of Network Industries. Governance of Network Industries: Institution, Technology, and Policy. R. W. Künneke, J. P. M. Groenewegen and J. F. Auger. Cheltenham, Edward Elgar.
- Künneke, R. W. (2008). "Institutional Reform and Technological Practice: The Case of Electricity." Industrial and Corporate Change 17(2): 233-265.

Prof. Jacqueline Broerse

Athena Institute, VU University Amsterdam

Jacqueline Broerse is professor of innovation and communication in the health and life sciences (with focus on diversity and social inclusion) and Director of the Athena Institute, VU University Amsterdam. Her current research is focused on (1) methodology development for responsible research and innovation (RRI) and in particular facilitating public engagement in science, and (2) management of systemic change processes, in order to contribute to more equitable and inclusive innovation processes. Many of her research projects are currently in the field of health and sustainable development. She participates in various EU projects on RRI: VOICES, Synenergene and RRI Toolkit. At national level, she is leading a project on RRI in the field of neurosciences. Since 2012, she coordinates the Erasmus Mundus Joint Degree Program on Transdisciplinary Solutions to Global Health Challenges.

Recent publication

- Arentshorst, M.E., Broerse, J.E.W., Roelofsen, A. and De Cock Buning, Tj, (in press, 2014) Towards innovative neuro-imaging applications in health care: Guiding visions of scientists and technology developers. In J. van den Hoven, B.-J. Koops, H. Romijn, T. Swierstra, & N. Doorn (Eds.), Responsible Innovation Volume 1: innovative solutions for global issues. Springer.
- Betten, A.W., Roelofsen, A. and Broerse, J.E.W. (2013) Interactive learning and action: realizing the promise of synthetic biology for global health, Syst Synth Biol, 7: 127-138.
- Elberse, J.E., Pittens, C.A.C.M. and Broerse, J.E.W. (2012) Patient involvement in a scientific advisory process: providing input for the research agenda medical products, Health Policy 107(2-3): 231-242.
- Broerse, J.E.W. and Cock Buning, T.J. de (2011) Public engagement in science and technology. In: R. Chadwick (ed), Encyclopedia of Applied Ethics, Amsterdam: Elsevier.
- Roelofsen, A., Boon, W., Kloet, R. and Broerse, J.E.W. (2011) Stakeholder interaction within research consortia on emerging technologies: learning how and what? Research Policy, 40(3): 341-354.

Prof. Xavier Pavie

Director of the Institute for Strategic Innovation in Services
ESSEC Business School

Research Associate at Institut Recherches Philosophiques
Université Paris Ouest

Xavier Pavie holds a Master's degrees in Management and Philosophy and a Ph.D in the latter, he also completed the International Teacher Program (HEC Paris).

Xavier has successfully held executive positions in leading companies (Nestlé, Unilever, Club Méditerranée) for 15 years and he was appointed director of ISIS (Institute for strategic Innovation and services) at ESSEC Business School, and at the same time he is a research associate at the IREPH (Institut Recherche Philosophique) - Université Paris Ouest.

As academic director of several programs (including Imagination Week that he launched for the 600 Master students), his courses are centered on marketing and management in the service sector, as well as service innovation.

Since 2011 he has been charged of redefining responsible-innovation with the support of various international universities in a European commission sustained project.

Xavier's publications focus on philosophical approaches to innovation management and more particularly on the notion of 'responsible-innovation' as a source of innovation and performance.

Recent publications

- Responsible-innovation : from concept to practice, World Publishing 2014
- The importance of responsible innovation and the necessity of Innovation-Care in Philosophy of Management - issue 1-13 - first semester 2014
- L'innovation responsable et son intégration dans les processus d'innovation, Revue Innovation & Société, 2013
- Innovation-responsable : stratégie et levier de croissance pour les organisations Eyrolles, 2012
- De quoi l'innovation-responsable est-elle le nom ? Revue Innovation & Société, nov. 2011

Dr. Daniela Obradovic

University of Amsterdam

Dr Daniela Obradovic is senior lecturer in European Union and international law at the University of Amsterdam. She extensively publishes on the role of interest groups in the European Union in the leading journals on European Integration. She was one of the project leaders of the NEWGOV project conducted within the Sixth Framework Programme of the European Commission. D. Obradovic made a contribution to the book Lobbying the European Union, Institutions, Actors, and Issues edited by David Coen and Jeremy Richardson.

Recent publications

- Obradovic, Daniela (2014) EU Law Compendium, Oxford University Press (forthcoming).
- Obradovic, Daniela and Cox, Nicole (2014) 'EU solidarity generating policy', Common Market Law Review (forthcoming).
- Obradovic, Daniela (2011) 'Rules on Public Participation in Environmental Decision-making Operating at the European and National Levels', in Marc Pallemaerts (ed), The Aarhus Convention at Ten: Interactions and Tensions between Conventional International Law and EU Environmental Law,(Groningen: Europa Law Publishing, pp. 149-187.
- Obradovic, Daniela (2007) 'EC rules on public participation in environmental decision- making operating at the European and national levels'', European Law Review, pp. 839-859.
- Obradovic, Daniela and Alonso, Jose (2006) 'Good governance requirements concerning the participation of interest groups in EU consultations', Common Market Law Review, 43:1049-1085.

Prof. Elisabet Garriga Cots

EADA Business School in Barcelona (Spain)
Corporate Sustainability Impact Center at EADA Business School

Dra. Elisabet Garriga is professor at EADA Business School in Barcelona (Spain) and managing director of the Corporate Sustainability Impact Center at EADA Business School where she is doing research on measures and indicators of sustainability issues. She has published several papers in specialized international journals regarding Sustainability, Stakeholder Theory and Corporate Social Responsibility theories. She has been a scientific researcher at European Union financed Project (2006-2007) "Mainstreaming Sustainable Innovation among SMEs" (14 moths' project) which developed a sustainable innovation model for SME tested over more than 60 European SME with the following European Research Partners: Polytechnic Milano (Italy), University de Strathclyde (Scotland), Cluster de Conocimiento (Bilbao).

Recent publications

- How Do European SME Owner–Managers Make Sense of 'Stakeholder Management'?: Insights from a Cross-National Study (2012) HJ Schlierer, A Werner, S Signori, E Garriga, H von Weltzien Hoivik, Journal of business ethics 109 (1), 39-51
- The China Code: An Analysis of China's National Social Standards for the Textile and Apparel Industry (2010) B. Ramasamy, E Garriga, Journal of Management & Public Policy, 5
- Cooperation in Stakeholder Networks: Firms''Tertius Iungens' Role; E Garriga, 2009 Journal of business ethics 90 (4), 623-637
- Stakeholder social capital: A new approach to stakeholder theory; E. Garriga, 2011, Business Ethics: A European Review 20 (4), 328-341
- How can CSR practices lead to successful innovation in SMEs, 2007; K Mendibil, J Hernandez, X Espinach, E Garriga, S Macgregor Publication from the RESPONSE Project, 1-7,

Prof. Vincent Blok

Assistant Professor in Responsible Innovation and Sustainable Entrepreneurship

Social Sciences Group, Wageningen University (the Netherlands)

Dr. Vincent Blok MBA is Assistant Professor Responsible Innovation and Sustainable Entrepreneurship at the Social Sciences Group, Wageningen University (the Netherlands). He is also research fellow in philosophy at the faculty of philosophy, theology & religious Studies, Radboud University Nijmegen (The Netherlands). From 2002 to 2006, Blok held various management functions in the health care sector. In 2006, he became director of the Louis Bolk Institute, an international research institute in the field of organic and sustainable agriculture, nutrition and health care. His research interests include sustainable entrepreneurship & responsible innovation, business & society and business ethics. Furthermore, he is interested in fundamental philosophical questions with regard to sustainability; innovation and management (see www.vincentblok.nl for more information).

Recent publications

- Blok, V., „Identity, Unity and Difference in Cross-Sector Partnerships for Sustainable Development“, Philosophy of Management (2014) (forthcoming).
- Blok, V., “The Power of Speech Acts: Reflections on a Performative Concept of Ethical Oaths in Economics and Business”, Review of Social Economy, 71(2)(2013), pp. 187-208
- Blok, V., Lemmens, P., “Critical Reflections on the Concept of Responsible Innovation”. In: Koops, van den Hoven, Romijn, Swierstra, Oosterlaken (ed.), Responsible Innovation: Issues in Conceptualization, Governance and Implementation. Volume 2 (Dordrecht: Springer 2014
- Lans, T., Blok, V., Wesselink, R., „Learning Apart Together: Towards an Integrated Competence Framework for Sustainable Entrepreneurship in Higher Education“, Journal of Cleaner Production, 62(1)(2014), 37-47
- Wubben, E.F.M. , Meijeren, A. van, Blok, V., „Relational drivers of open innovation alliances in biochemistry“. In: R. Culpan (ed.), Open Innovation Through Strategic Alliances (Northhampton: Edward Elgar 2014)

Dr. Barbara van Mierlo

Wageningen University

Barbara van Mierlo works as a sociologist at Wageningen University. Her main interest is in system innovation trajectories of innovation networks towards sustainability. In her work she focuses on communication and learning in relation to change of social practices, joint action and institutional change.

Recent publication

- Mierlo, B.C. van; Janssen, A.P.H.M.; Leenstra, F.R.; Weeghel, H.J.E. van; 2013. Encouraging system learning in two poultry subsectors. Agricultural Systems 115: p. 29 - 40.
- Mierlo, B. van (2012). Convergent and divergent learning in photovoltaic pilot projects and subsequent niche development. Sustainability: Science, Practice, & Policy 8(2)
- Elzen, B.; Geels, F.; Leeuwis, C.; Mierlo, B. van (2011). Normative contestation in transitions 'in the making': Animal welfare concerns and system innovation in pig husbandry. Research Policy 40 (2). - p. 263 - 275.
- Mierlo, B.C. van; Arkesteijn, M.C.M.; Leeuwis, C. (2010), Enhancing the Reflexivity of System Innovation Projects With System Analyses. American Journal of Evaluation 31 (2). - p. 143 - 161.
- Mierlo, B.C. van; Regeer, B.; Amstel, M. van; Arkesteijn, M.C.M.; Beekman, V.; Bunders, J.F.G.; Cock Buning, T. de; Elzen, B.; Hoes, A.C.; Leeuwis, C. (2010). Reflexive Monitoring in Action. A guide for monitoring system innovation projects. Oisterwijk : Boxpress. PDF downloadable from: http://www.wageningenur.nl/nl/show/Reflexive-Monitoring-in-Action.htm.

Prof. Doris Schroeder

Director of the Centre for Professional Ethics
University of Central Lancashire, UK and Uclan Cyprus

Professor Doris Schroeder was educated in Germany and the United Kingdom at postgraduate level in economics / management and philosophy / politics. Before joining academia, she worked for Time Warner. Her current research interests are global justice, benefit sharing, RRI, dignity, and access to life-saving medicines.

Recent publications

- Schroeder, D. and Lucas, J. (2013) Benefit Sharing – From Biodiversity to Human Genetics. Springer. Edited book. 234.
- Schroeder, D. (2012) Human Rights and Human Dignity - An Appeal to Separate the Conjoined Twins. Ethical Theory and Moral Practice. 15(3). 323-35.
- Schroeder, D. and Gefenas, E. (2012) Realising Benefit Sharing – The Case of Post-Study Obligations. Bioethics. 26(6). 305-14.
- Schroeder, D. and Singer, P. (2011) Access to Life-Saving Medicines and Intellectual Property Rights – An Ethical Assessment. Cambridge Quarterly of Healthcare Ethics. 20(2). 279-89.
- Wynberg, R.; Schroeder, D. and Chennells R. (2009) Indigenous Peoples, Consent and Benefit Sharing– Learning Lessons from the San-Hoodia Case. Springer. Edited book. 363.

Ms. Dionysia Lagiou

Policy Officer

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Ms Dionysia Lagiou is Principal Administrator - Policy Officer at the European Union. She holds a Master in Public Law from Université de Paris II – Sorbonne and a Bachelor of Laws by the University of Athens.

The conception, development, implementation, monitoring and assessment of policies, strategies, actions, and initiatives in relation to the further development of the European Research Area. Responsibility for the area of the engagement of society (notably citizens and civil society organisations) in Responsible Research and Innovation (RRI). Follow-up of global/EU governance of science and technology with a view to promoting citizen participation in Research and Innovation.

Dr. René von Schomberg

Scientific officer/policy officer

European Commission

Dr.phil. René von Schomberg is an agricultural scientist and philosopher. Author/(co-)editor of 12 books.

He holds Ph.D's from the University of Twente, the Netherlands (Science and Technology Studies) and from J.W.Goethe University in Frankfurt am Main, Germany (Philosophy).

He has been a European Union Fellow at George Mason University, USA in 2007 and has been with the European Commission since 1998. Before joining the Commission he was teaching at Twente University and Tilburg University in the Netherlands.

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1st Issue
January 2014

e-Newsletter

Responsible Research & Innovation

"The RESPONSIBILITY project aims to create a network of stakeholders that would adopt and diffuse a common understanding in Responsible Research and Innovation between different actors in Europe and around the globe".

Responsible Research and Innovation (RRI) is a transparent, interactive process by which societal actors and innovators become mutually responsive to each other with a view on the (ethical) acceptability, sustainability and societal desirability of the innovation process and its marketable products (in order to allow a proper embedding of scientific and technological advances in our society).

In an increasingly globalised world, RRI is not constrained within the boundaries of one state or a region. Consideration of responsibility has to be embedded in all research so as to cope with the future needs and goals of the world society. It has no meaning if RRI is an imperative in Europe and not in other parts of the world and vice-versa. Therefore, dedicated efforts should mainstream in order to engage stakeholders in an international cooperation for creating a common language for RRI in different parts of the world.

The RESPONSIBILITY project aims to create a network of stakeholders that would adopt and diffuse a common understanding in RRI between different actors in Europe and around the globe. In doing so it will develop a model and provide a tool for international cooperation, involving the societal, policy and research stakeholders to these activities.

It intends to provide practical means and structure a crucial interaction between society and research, providing a set of recommendations and tools to policy makers and active RRI stakeholders in order to take the necessary measures to nest responsible research and innovation into products and services from the very beginning ("efficient RRI by design").

In this issue

RESPONSIBILITY PROJECT - Basic Facts & Developments

1 RESPONSIBLE RESEARCH & INNOVATION

2 RESPONSIBILITY PROJECT KICK - OFF

3 PROJECT OBJECTIVES & EXPECTED RESULTS

4 PROGRESS IN WP2: NETWORK OF NETWORKS

4 FORTHCOMING EVENTS

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Follow RESPONSIBILITY

"The RESPONSIBILITY project kicks-off" in Berlin the 19th February 2013 bringing together 13 partners from 7 EU and 3 non-EU Countries .

The RESPONSIBILITY Coordination Action project was launched on 1st February 2013 and it will run for 3 years. It aims to create a Forum and a virtual Observatory, which facilitates the network of stakeholders to adopt and diffuse a common understanding in Responsible Research and Innovation (RRI) between different actors in Europe and around the globe.

Indeed, in an increasingly globalized world, dedicated efforts should mainstream in order to engage stakeholders in an international cooperation for creating a common language for conducting and managing responsible research and innovation.

The RESPONSIBILITY consortium consists of 13 partners, from 7 EU and 3 non-EU countries. The Fraunhofer-Institut für Produktionsanlagen und Konstruktionsanlagen IPK in Berlin is coordinating the project. The total budget of the RESPONSIBILITY project is estimated to reach the amount of approx. € 1, 77 M.

During the Kick - off meeting that was hosted by Fraunhofer Institute on the 19-21 February 2013 the RESPONSIBILITY partners drew the action list for the different work packages defining the details for the key deliverables of the project and especially the strategy for the optimum implementation of the Network, the Forum and the Observatory. In addition strategies were discussed and modern tools were assessed in order to disseminate the results of the project in the most efficient way.

Finally the RESPONSIBILITY partners discussed in-depth possibilities of expanding Cooperation with projects Great, Res-Agora and Progress especially on issues such as defining a common Glossary for RRI, bridging websites and information material and defining common dissemination approaches and organize events.

For more information you can visit our website:
www.responsibility-rri.eu

The RESPONSIBILITY Consortium "Family Photo" from the Kick Off meeting in Berlin, 19,20,21 February 2013

Project Objectives & Expected Results

The RESPONSIBILITY Forum will 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 virtual Observatory of Responsible Research and Innovation will be a structure aiming to support the enhancement of common understanding, the diffusion of knowledge and the deployment of practical tools. The Observatory will improve the interaction among research outcomes and policy making, exploit the full potential of scientific achievements to be incorporated in the policy development and implementation.

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Practical and theoretical information will be easily assessable and usable by the societal stakeholders on this organised virtual place. It will be accessible for all interested citizens besides the policy makers and the researchers. Important societal issues interrelated to ethics, human dignity and privacy will be on the core of the Observatory outlook towards societal stakeholders.

The RESPONSIBILITY project also intends to provide a set of recommendations and tools to policy makers and active RRI stakeholders in order to take the necessary measures to nest responsible research and innovation into products and services from the very beginning. The RESPONSIBILITY project will have an extensive societal, economic and research impact.

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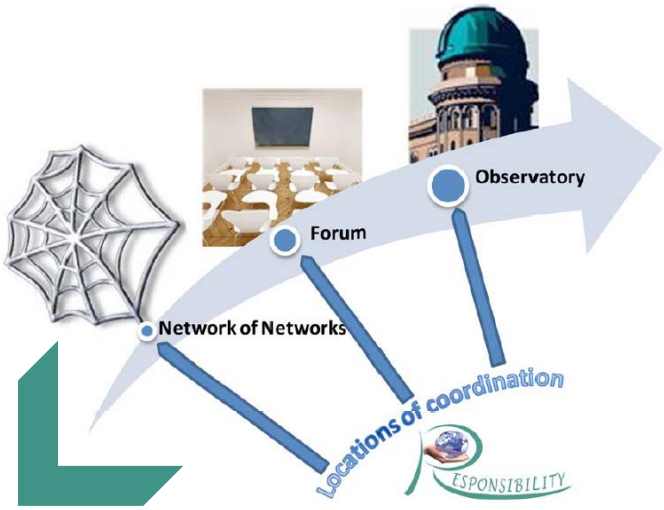
The Network of Networks (WP2) has two main functions: the theoretical landscape function and the case study comparison function.

In WP2 the problem that both the research community and society are confronting should be addressed and defined in detail. The outline of the problem could start with the determination and implementation of the conditions that allow the efficiency of RRI reflexivity and continuity inside the technical development (innovation process). In order to meet these objectives this WP of the coordinating action will set–up a crosspoint for existing networks and extract the main issues for responsible research and innovation (network of networks). The stakeholders engagement will be to identify the pool of case studies and provide a critical feedback.

The Forum (WP3) has two main functions: political function and implementation function. A forum is a body that does not negotiate decisions. Self- regulated. Open, transparent, remote participation. It is defined through three major components: political, industrial and societal.
Main objectives:

- definition of networking and educational tools (teaching material, experimental discussions, construction of the context etc)
- to be an interface between politicians, society and industry, researchers and CSOs
- determination of guidelines to determine approaches to the RRI
- to construct a virtual meeting place (forum of discussion) for RRI stakeholders
- to create a place of deliberation concerning RRI, at the same time as an issue and as an answer
- to create “caucus” that allow to address a problem in specific field e.g. security, nanotechnology
- political advisor function
- guidelines for CSOs, for the political level and for the industry level
- responsible innovation package
- to build a proactive tool for implementing RRI in any project, by capacitating the actors to do so

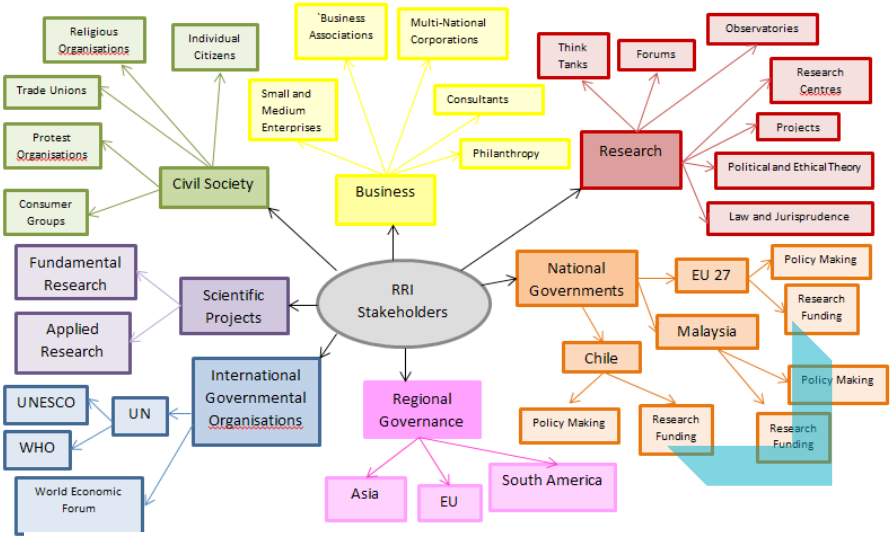


The objective of the **Observatory (WP4)** is to implement the Observatory of Responsible Research and Innovation and provide the necessary support to establish it as a permanent point of reference and actual fore-thinking regarding the current concept and developments in the field of RRI. RRI is fast changing with revolutionary technologies and attitudes towards them still developing (including, particularly, attitudes about what would constitute responsible innovation). The project will maintain relevance and impact over a longer period by producing and maintaining an Observatory of RRI. This Observatory will be a repository of findings from the project, but will also be designed to harness the involvement of the broader network of researchers and innovators to provide information on:

- Current and emerging technologies and the issues they are likely to raise for RRI
- Governance arrangements suitable for addressing RRI
- Case studies, examples of good practice and training materials in RRI

These last two will be designed so research and innovation in one field can learn from good practice in another field. A snapshot will be taken of them at M26 and synthesised as a major input into the best practice guide.

The Observatory will be evaluated and seeded by the network and will then be opened up to the global RRI community. It will be developed by extending an ICT Ethics observatory that is already being developed by DMU. It employs established and novel technologies, including some of collaborative “web 2.0” tools.The Observatory will allow researchers to identify areas in need of more detailed research and it will show where public engagement on particular issues may be relevant.



Progress in WP2: Network of Networks

This deliverable examines RRI networks by examining five main features of such networks:

- the main actors,
- the theoretical structures,
- the funding sources,
- the dissemination structures,
- and the possibility of expanding RRI beyond the European context.

RRI Actors: In order to structure the analysis from the outset, it is worth distinguishing six main actor groups in RRI networks: national governments; regional governments; international governmental organisations; civil society actors; businesses, scientific research projects (those carrying out research relevant to RRI, regardless of whether they are aware of RRI), and policy researchers (those researching RRI as a policy tool, or those with an interest in similar concepts). This set of groups is not intended to be exhaustive, and neither is it intended to exclude the possibility of making further distinctions within the main categories. It is merely intended to organize the discussion at this stage, and hopefully to prompt further reflection on the categories of actors to be included in the Forum and Observatory.

Two main issues emerged from the analysis: first, awareness of RRI among civil society actors seems low on the basis of the research so far; business actors also have a low level of awareness: some businesses use terms such as Responsible Research and Innovation and related terms such as Responsible Innovation. However, the usage of these terms seems much less widespread than influential concepts such as corporate social responsibility.

Two main issues emerged from the analysis: first, awareness of RRI among civil society actors seems low on the basis of the research so far; business actors also have a low level of awareness: some businesses use terms such as Responsible Research and Innovation and related terms such as Responsible Innovation. However, the usage of these terms seems much less widespread than influential concepts such as corporate social responsibility. The most prominent actors are thus still national and regional governments and policy and scientific researchers. Inclusion beyond the core group of actors is therefore a priority if we want to avoid RRI becoming a specialised research area rather than an approach with a wide influence.

A further urgent problem is the need to distinguish RRI from similar concepts such as Corporate Social Responsibility, not least because we need to show that it is worthwhile researching what extra value a new concept such as RRI can bring to research ethics and governance...

...full analysis on the RRI Networks will be soon available through our website.

Forthcoming Events:

11.02.2014 - RESPONSIBILITY pre-FORUM Workshop in Brussels, Belgium.
19.02.2014 - 1st Asia Pacific Responsible Business Innovation 2014 in Kuching, Malaysia.
20-22.02.2014 - RESPONSIBILITY General Project Meeting in Kuching, Malaysia.

RESPONSIBILITY CONSORTIUM:

Fraunhofer IPK
Signosis Sprl
DeMontfort University
University of Namur
Technical University of Berlin
University of Oxford
GeoImaging Ltd
University Sienna
University of the Aegean
University Malaysia Sarawak
Universidad de Chile
Kyushu Institute of Technology
Arbeiter-Samariterbund Wien
Gesundheit und Soziale Dienste

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RESPONSIBILITY Project partners

FRAUNHOFER

Fraunhofer - Gesellschaft zur Förderung der angewandten Forschung E.V.

The Fraunhofer-Institut für Produktionsanlagen und Konstruktionstechnik IPK conducts applied research and development on future-oriented technologies for production processes in factories. The Department for Security Technology of Fraunhofer IPK has been working for more than twenty years on the development of new methods for digital image processing, image evaluation and their practical application.

http://www.ipk.fraunhofer.de

SIGNOSIS

Signosis SPRL

Signosis is an advisory, research and project management company based in Brussels, Belgium, providing multidisciplinary services within various fields of expertise, ranging from information technologies to sustainability and social policy and focusing on promoting and implementing innovation in companies and social and public organisations.

http://www.signosis.eu

DMU

De Montfort University

The Centre for Computing and Social Responsibility (CCSR) at De Montfort University researches, and provides teaching, consultancy and advice on the actual and potential impacts of computing and related technologies on society and its citizens.

http://www.dmu.ac.uk/ccsr

UNAMUR

Université de Namur

The Laboratory for the Ethical Governance of Information Technology (LEGIT) is a research centre focused on the development of an innovative approach to the governance of information technology. The centre develops an ethical framework based on a new understanding of the conditions of normative judgements in specific ethical contexts, focused in particular on reflexivity.

http://www.unamur.be/en/intl/legit

TUB

Technische Universität Berlin

The Center for Technology and Society (CTS) was founded in 1995 and is a central research department of the Technical University of Berlin. Its research focus lies on interactions between societal and technical developments.

http://www.tu-berlin.de/ztg/menue/startseite_ztg/parameter/en/
http://www.humantechnologylab.org

UOXF

The Chancellor, Masters and Scholars of the University of Oxford

The Oxford e-Research Centre is a unique centre of excellence at the University of Oxford which works across all fields and disciplines to enable the use and development of innovative computational and information technology.

http://www.cs.ox.ac.uk

GEO

Geoimaging Ltd.

Geoimaging Ltd is an SME established in 2002 in Nicosia Cyprus. The company offers scientific and professional solutions in Geo-informatics, photogrammetry, image analysis for health applications, 3D modelling, GIS applications, IT/Software/web Development Cartography, Surveying. Geoimaging is also very active in R&D participating in several EU and national funded projects as partner or coordinator.

http://www.geoimaging.com.cy

UNISI

Universita' degli studi di Siena

The University of Siena (UNISI) participates in the Responsibility project via its Department of Information Engineering and Mathematical Sciences. The main research activities encompass the areas of Automatic Control, Mobile Communications and Satellite Networks, Computer Science, Electrical Engineering, Electromagnetism, Electronics, Mathematical Analysis and Operation Research.

http://en.unisi.it

AEGEAN

University of the Aegean-Research Unit

The Laboratory of Information and Communications Systems Security (Info-Sec-Lab) includes seven academic staff and the main research topics within the Info-Sec-Lab include: Privacy Enhancing Technologies; Legal and Regulatory issues in Data and Privacy Protection; Security and Privacy Economics Critical Information and Communication Infrastructure Security; etc.

http://www.icsd.aegean.gr/group/index.php?group=L1

UNIMAS

Universiti Malaysia Sarawak

Universiti Malaysia Sarawak (UNIMAS), Malaysia's eighth university was officially incorporated on 24 December 1992. A university that is contemporary in character and forward-looking in outlook, it is committed in providing the nation with leaders, managers, scientists and technical specialists as well as thoughtful citizens who are capable of handling the complex challenges of our common future - confidently, competently, and creatively.

http://www.unimas.my

UCHILE

Universidad de Chile

The Universidad de Chile is the oldest and most important university in Chile, in terms of research and number of students. The School of Engineering and Applied Sciences (Facultad de Ciencias Fisicas y Matemáticas – FCFM in Spanish) is the main engineering School in Chile, carrying most of the basic and applied research in the country.

www.amtc.cl

KYUTECH

Kokuritsu Daigaku Hojin Kyushu Kogyo Daigaku

The Kyushu Institute of Technology (Kyutech) was originally founded as a private institution called the Meiji College of Technology (MCT) in 1907, in the northern area of the island of Kyushu in JapanThe Kyutech is structured into two schools and three graduate schools.

http://www.kyutech.ac.jp

SAMARITER

Arbeiter Samariter Bund Wien Gesundheits und Soziale Dienste gemeinnützige GmbH

Arbeiter-Samariter-Bund is a non-profit organization and was founded over 80 years ago. Since then, all members follow their main mission: Helping people in need, regardless of their gender, age, ethnicity, religion or ideology. Arbeiter-Samariter-Bund Österreichs counts over 150.000 members and 5.000 employees, including many volunteers.

http://www.samariterwien.at

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RESPONSIBILITY

Visit us online
www.responsibility-rri.eu

Global model and Observatory for international Responsible Research and Innovation Coordination

The RESPONSIBILITY project aims to create a Forum and a virtual Observatory in 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.

Vision

The RESPONSIBILITY project has the vision to become an effective knowledge transfer tool that diffuses scientific knowledge and simultaneously involves in a user-friendly manner researchers, policy makers as well as societal stakeholders to the concept and practice of RRI.

The strategy for fulfilling this vision is to integrate the RESPONSIBILITY Observatory through an innovative way with construction of innovative activities that will assist the research community to induce their ideas in the RRI concept and practice. Furthermore, it aims to create a critical mass of interested public surrounding and supporting in implementing the RRI, at the researchers' daily work, in their individual context.

Expected Outcomes

The RESPONSIBILITY project will have an extensive societal, economic and scientific impact and particularly it will enhance the:

- International Coordination in the field of RRI, spreading results of best practices of technologies without any discrimination among countries, common European European identity and perceived sense of RRI.
- Networking and collaboration, establishing a virtual place to find the tools to active networking, for dialogue and polls, on line discussion to stimulate and respond to issues raised / identified in RRI.
- Creation of an on line Directory facilitating the exchange of information, concepts, approaches on RRI.
- Creation of a critical mass in confronting multi-dimensional and complicated societal issues.
- Promotion of networks of scientists to facilitate the definition of research priorities, avoiding duplication of efforts and strengthening the collaboration under horizontal issues.

RESPONSIBILITY project was launched on 1st February 2013, for three years' implementation, until 31st January 2016. In an increasingly globalised world, dedicated efforts should mainstream in order to engage stakeholders in an international cooperation for creating a common language for conducting and managing responsible research and innovation.

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.

Observatory

The Observatory of Responsible Research and Innovation (RRI) aims to be established as a permanent point of reference and actual fore-thinking regarding the current concept and developments in the field of RRI. RRI is fast changing with revolutionary technologies and attitudes towards them still developing; including, particularly, attitudes about what would constitute responsible innovation. The RESPONSIBILITY project will maintain relevance and impact over a longer period by producing and maintaining an Observatory of RRI. This Observatory will be a repository of findings from the project, but will also be designed to harness the involvement of the broader network of researchers and innovators to provide information on:

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