



SEQUOIA PROJECT
"Socio-Economic Impact Assessment for Research Projects"

Contract n° 258346

WP4: Dissemination and Assessment Methodology Transfer

Deliverable D4.2.2 Consultation Workshop Report



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1. INTRODUCTION



The Consultation workshop had the aim to disseminate the activities of the SEQUOIA project, to present the methodology and preliminary results, and to facilitate the networking among Call 1 and Call 5 projects and their possible beneficiaries, users, and other actors interested in supporting the exploitation of their results. Due to the difficulty of organising a dedicated workshop that a sufficiently high number of projects would attend, these activities were integrated with the EC Collaboration Meeting for the IoS Cluster, held in Brussels on 28 September 2011. This report documents the materials that were presented by the SEQUOIA project at that event.

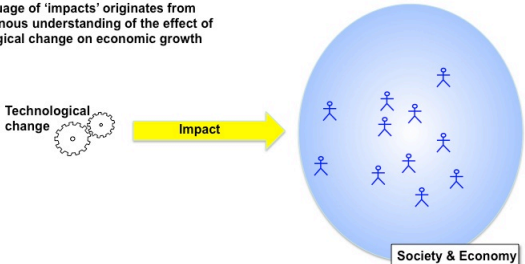

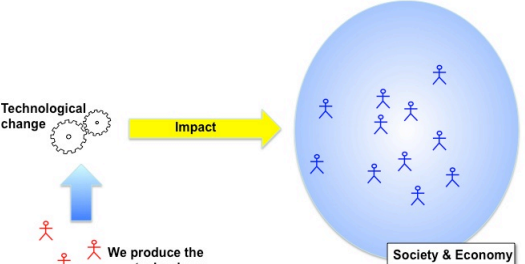

2. PRESENTATIONS

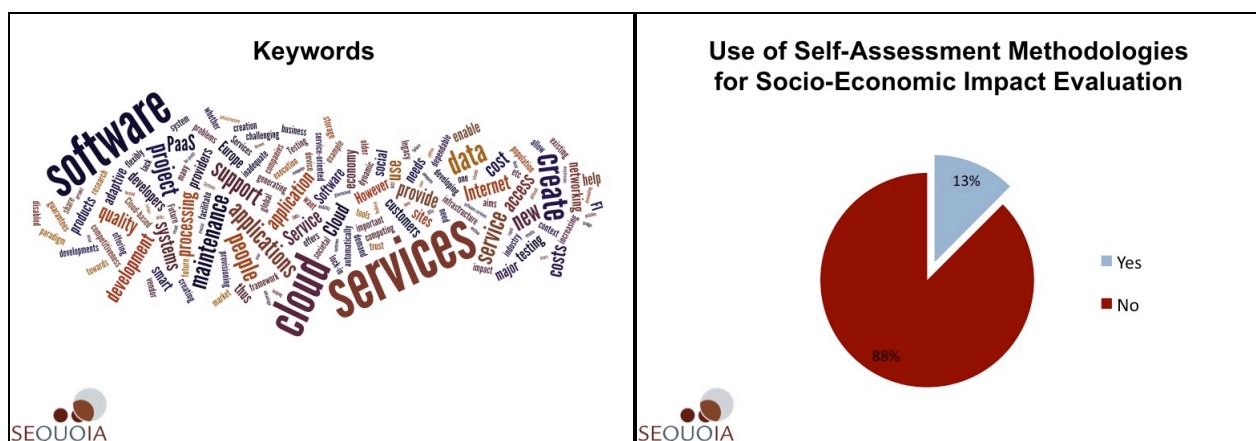
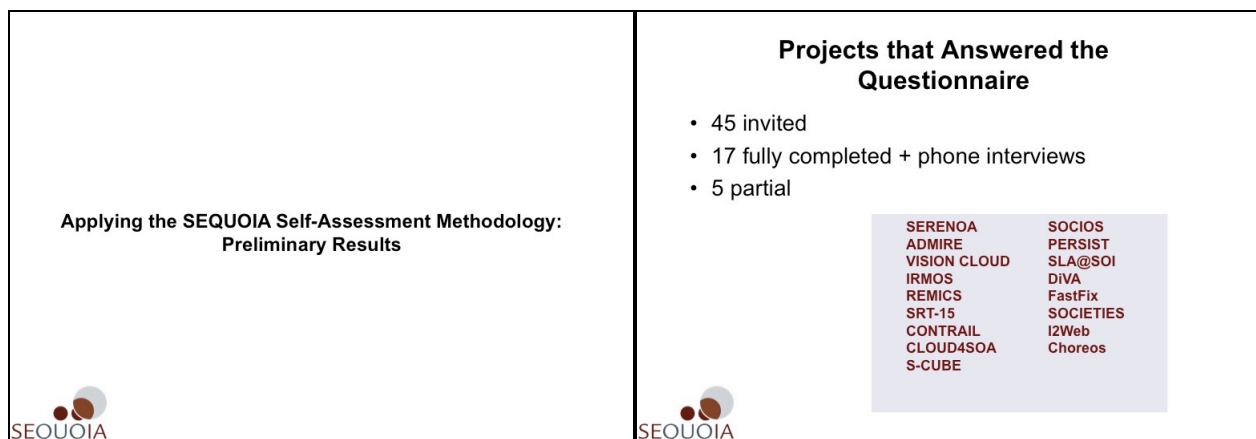
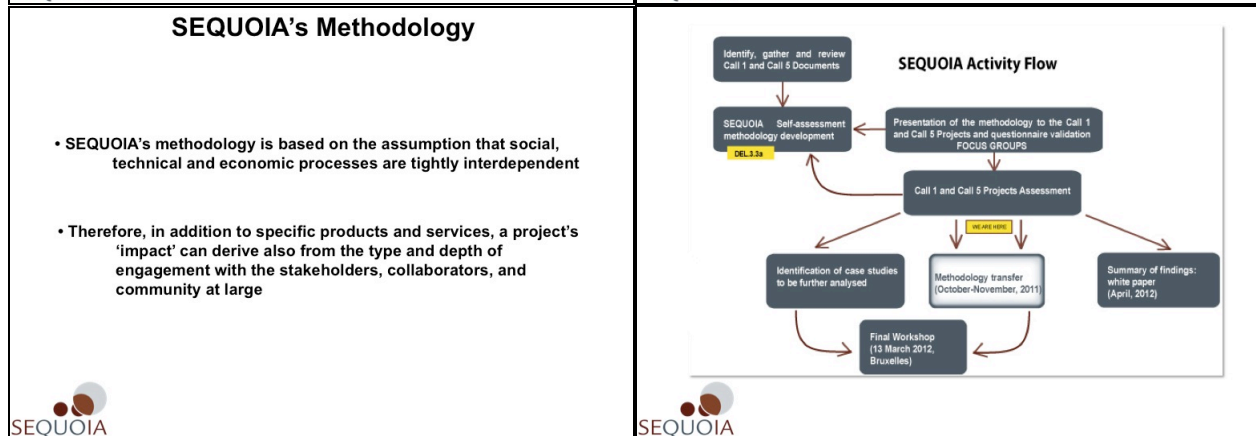
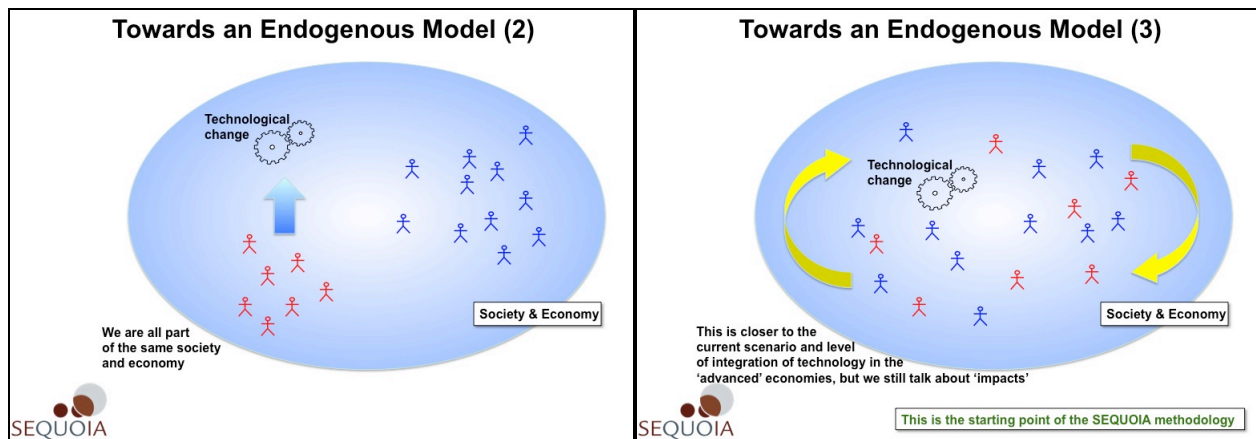
2.1 Plenary Session

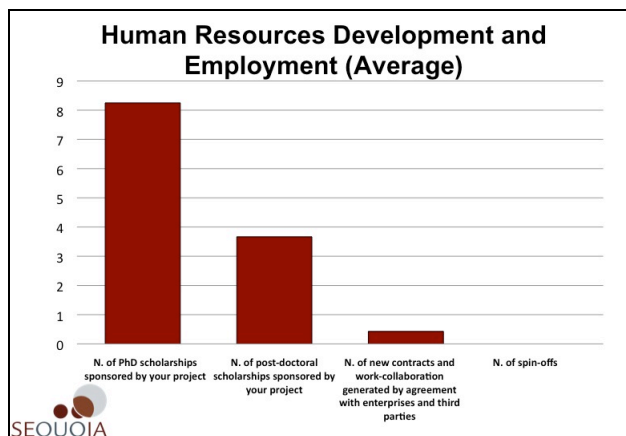
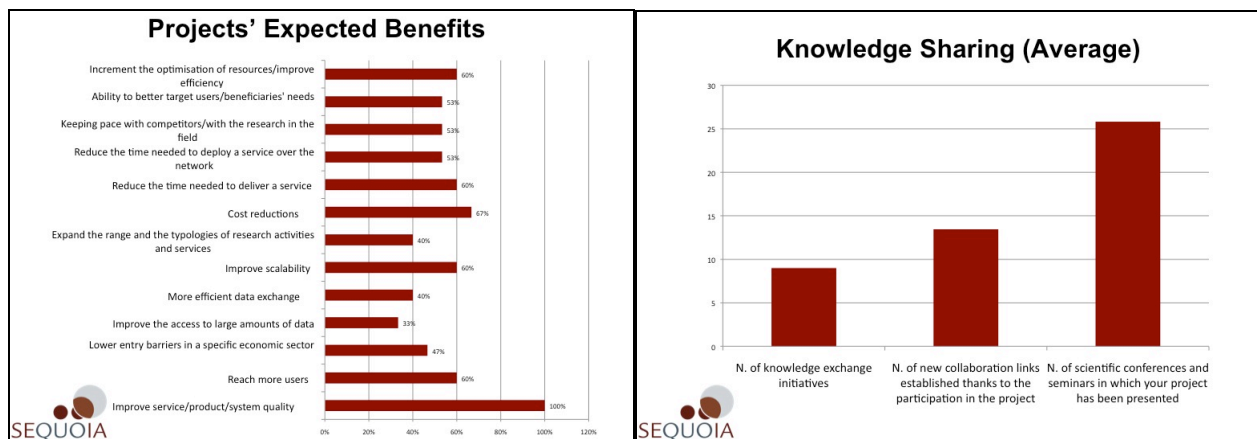
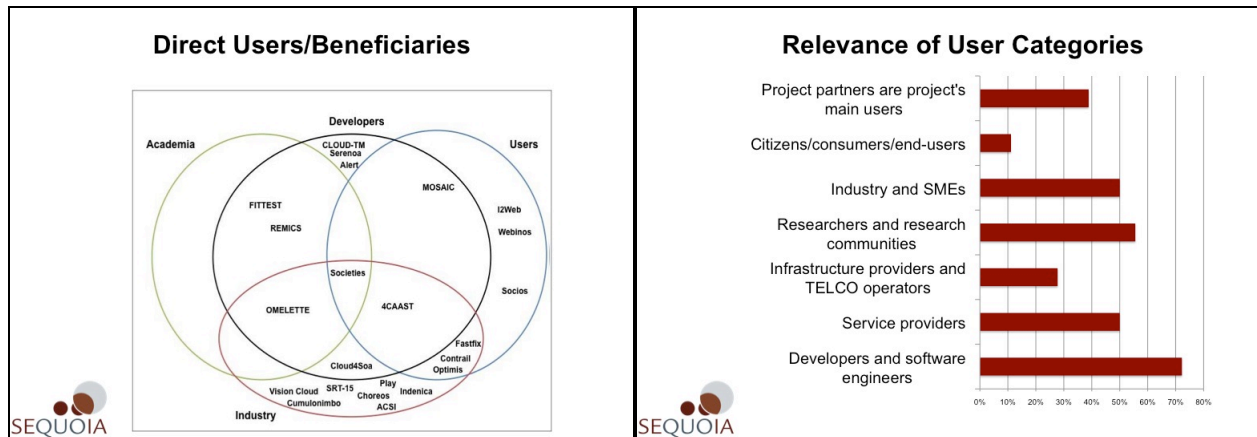
SEQUOIA was presented together with the following other projects HOLA! and SOFI, Support Actions, and S-Cube, Network of Excellence.

In the SEQUOIA presentation we addressed the question of “Why impact assessment?”, we discussed the need to overcome a linear, exogenous approach, and presented a high-level summary of the preliminary results of the SEQUOIA questionnaire.

 <p style="text-align: center;">SEQUOIA Socio-Economic Impact Assessment for Research Projects</p> <p style="text-align: center;">Paolo Dini Department of Media and Communications London School of Economics and Political Science</p> <p style="text-align: center;">Antonella Passani T6 Ecosystems, Rome</p> <p style="text-align: center;">IoS Collaboration Meeting – Plenary Session Diamant Centre, Bruxelles 28 September 2011</p>	<p style="text-align: center;">Overview</p> <ul style="list-style-type: none"> • Definition and contextualisation of terms • The SEQUOIA approach • Sneak preview of assessment results 
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<p style="text-align: center;">Exogenous Impact</p> <p>The language of ‘impacts’ originates from an exogenous understanding of the effect of technological change on economic growth</p>   <p style="font-size: small;">The discussion of exogenous and endogenous development models is based on R E Mansell: http://eprints.lse.ac.uk/archive/00001004/01/00001004_00001004_00001004.pdf</p>	<p style="text-align: center;">Towards an Endogenous Model (1)</p>  
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An interesting and open discussion about impact assessment emerged during the Q&A session. Some time was spent discussing the challenges of assessing research-project impacts. As a result of this session more projects asked to collaborate with SEQUOIA and more projects completed the questionnaire. Therefore, the SEQUOIA team decided together with the Project Officer that it was better to keep the questionnaire open a couple of weeks extra in order to allow more projects to complete out and return it.

2.2 Techno-Socio-Economic Session

The aim of the session was to provide an overview of the on-going initiatives that are addressing the socio-economic implications of the technologies implemented for the Internet of Services research area.

The approach was multi-faceted, trying to capture the most relevant issues addressed by the current research activities. The main topics were:

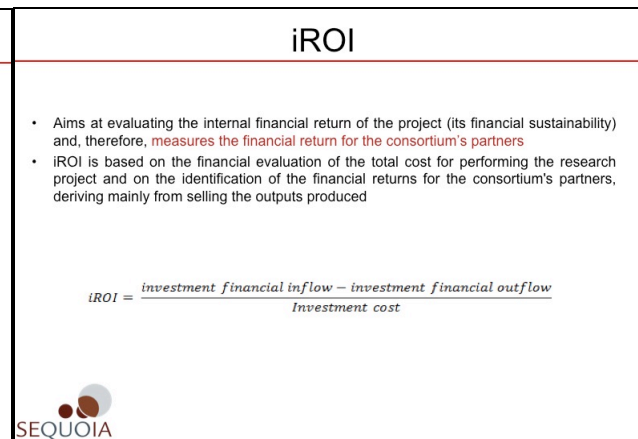
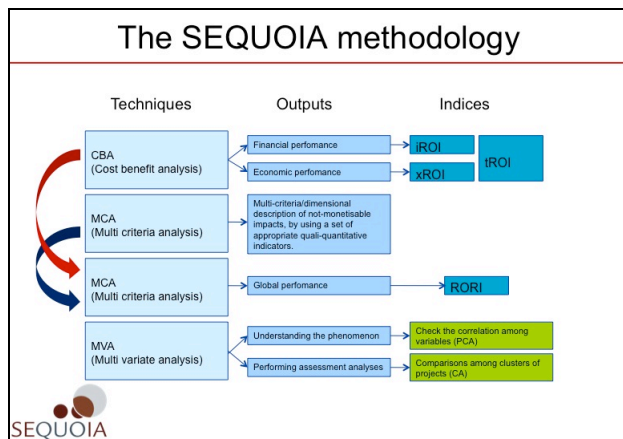
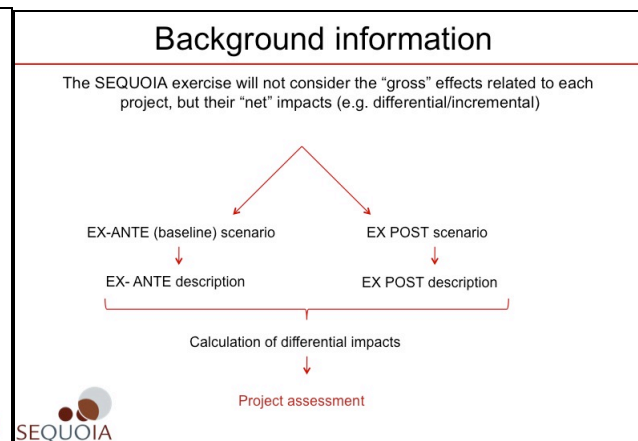
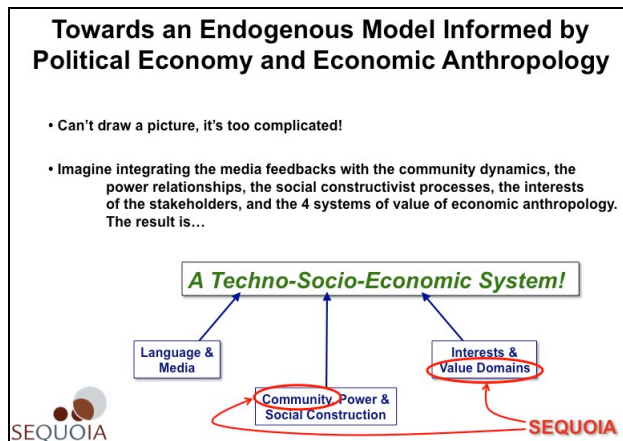
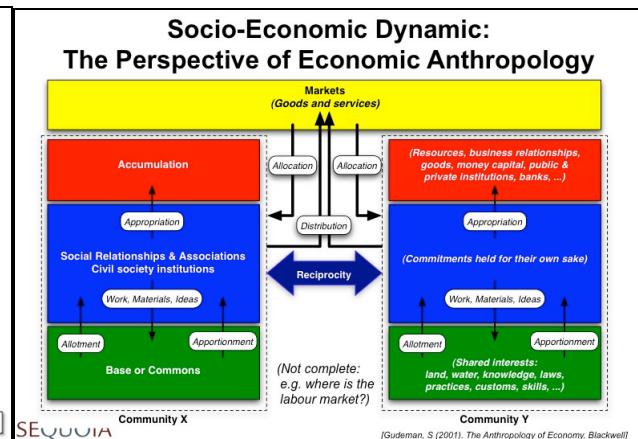
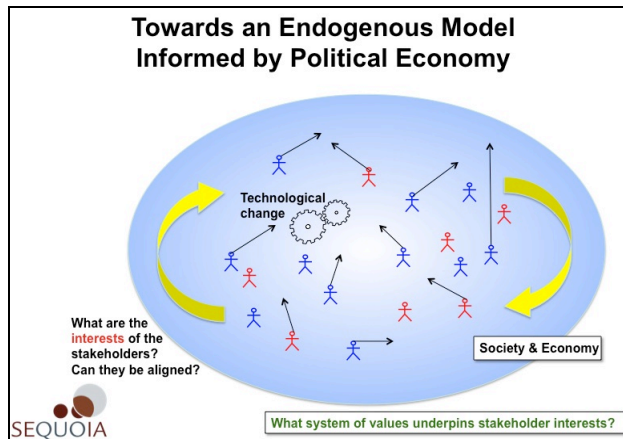
- Socio-economic impact assessment of research projects
- Issues raised from the Future Internet collaborative environments
- Public-Private Partnerships in the Future Internet
- Service Level Agreements

The SEQUOIA session was introduced by Francesco Bellini (EK). The presentation was divided in three parts, as follows. SEQUOIA's work aims to extend more traditional understandings of quantifiable economic impact in two different ways. First, it includes an explicit social element, which we rationalised from the point of view of economic anthropology. Second, it emphasises *self*-assessment over assessment by third parties or funding bodies.

A consequence of the former is that the concept of “value” is also extended to include the less visible “use value”, which is rooted in community, in addition to the more familiar “exchange value”, rooted in the market. Open source is an increasingly successful example of how these two understandings of the economy can be integrated. A consequence of the latter is that it internalises the analysis and strategy for value generation within the research projects themselves, leading to (1) greater bottom-up and individual initiative in commercialisation on the part of the projects and (2) greater interdisciplinary integration between computer science and social science researchers. After outlining these ideas, in this talk we summarised the collaboration activities undertaken, the preliminary results from the questionnaire, and the steps planned for the final 6 months of the project.

<p style="text-align: right;">SEQUOIA</p> <h3>A Theoretical Framework for Socio-Economic Impact Assessment for Research Projects</h3> <p>Paolo Dini Department of Media and Communications London School of Economics and Political Science</p> <p>Francesco Bellini, Fabiana Monacciani Eurokleis, Rome</p> <p>Antonella Passani Te Ecosystems, Rome</p> <p>IoS Collaboration Meeting – Techno Socio-Economic Session Diamant Centre, Bruxelles 28 September 2011</p>	<h3>Overview</h3> <ul style="list-style-type: none"> • Definition and contextualisation of terms • Socio-technical dynamics and socio-economic dynamics • SEQUOIA methodology (Francesco) • Preliminary results (Antonella) <p style="text-align: left;">SEQUOIA</p>
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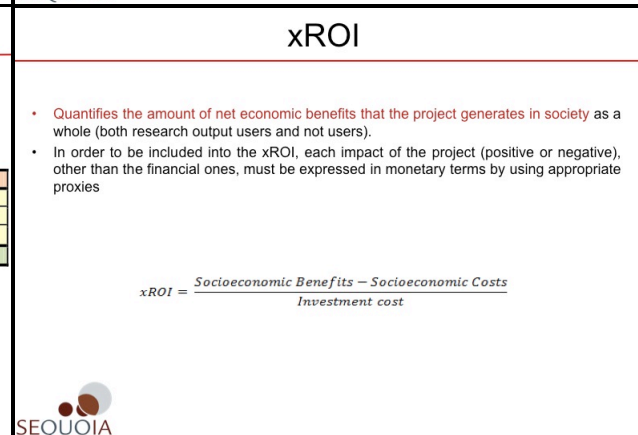
<h3>Towards an Endogenous Model (3)</h3> <p>This is closer to the current scenario and level of integration of technology in the 'advanced' economies, but we still talk about 'impacts'</p> <p>Can such a 'blender' model be made any sense of?</p> <p style="text-align: left;">SEQUOIA</p>	<h3>Socio-Technical Dynamic: Media Feedbacks</h3> <p>Which are compiled into other media</p> <p>Language as medium of communications constructs networks of commitments that support economic and cultural production</p> <p style="text-align: left;">SEQUOIA</p>
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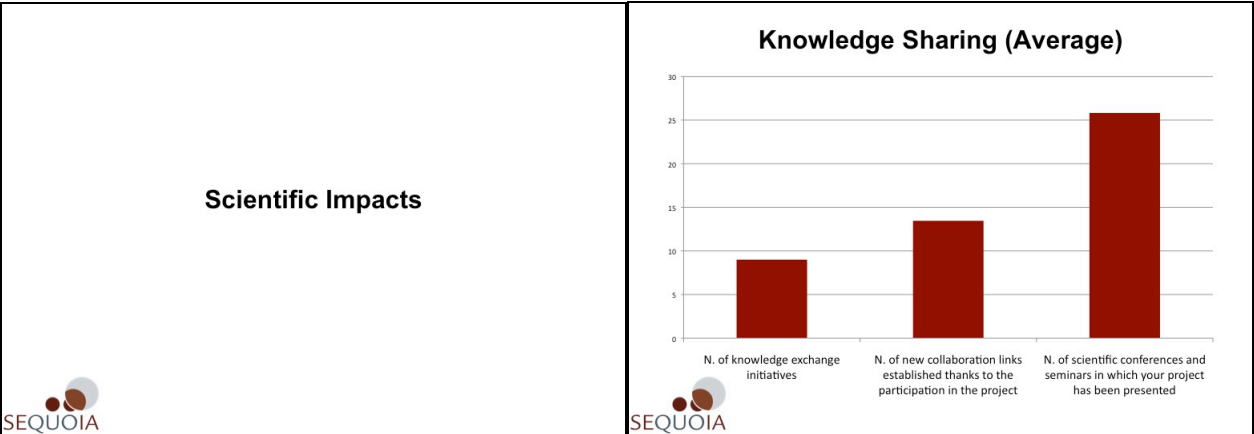
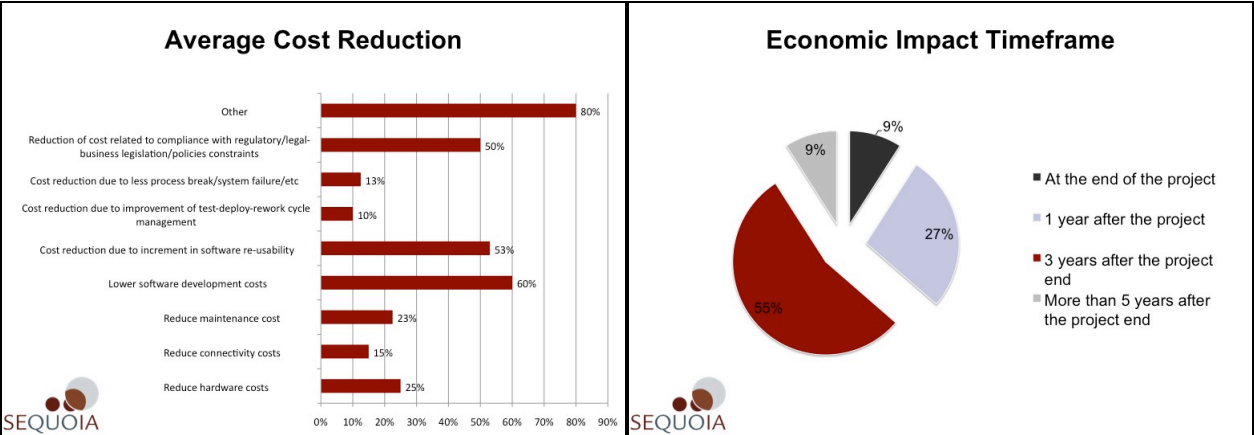
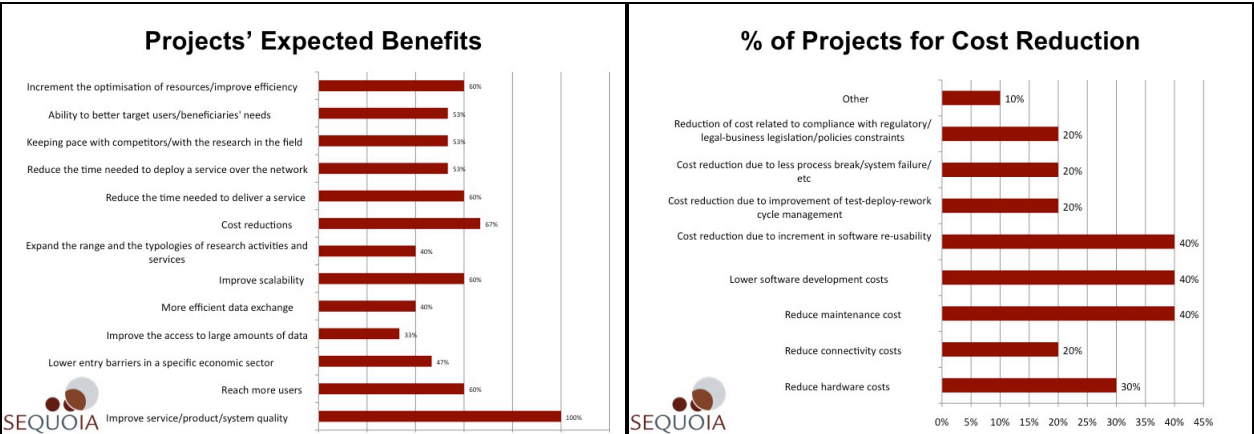
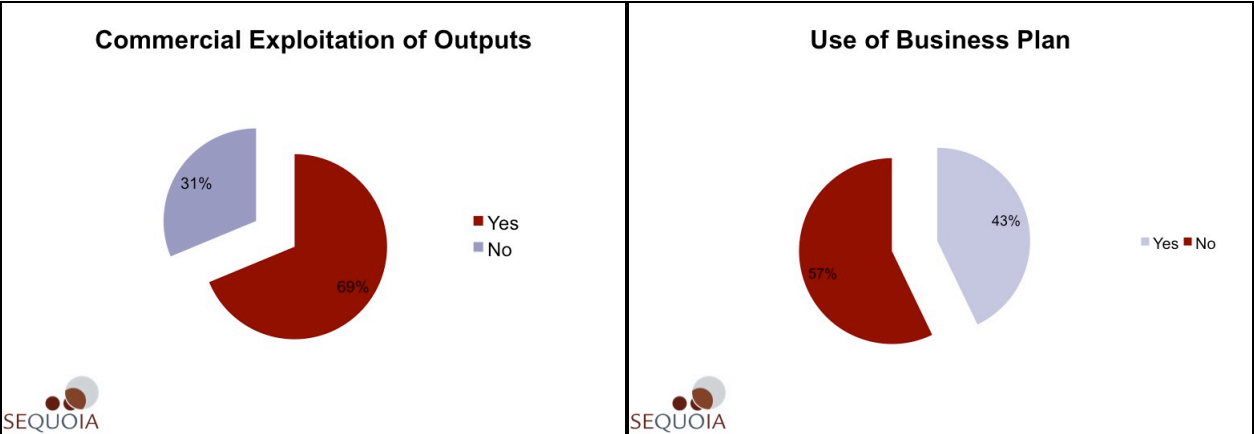


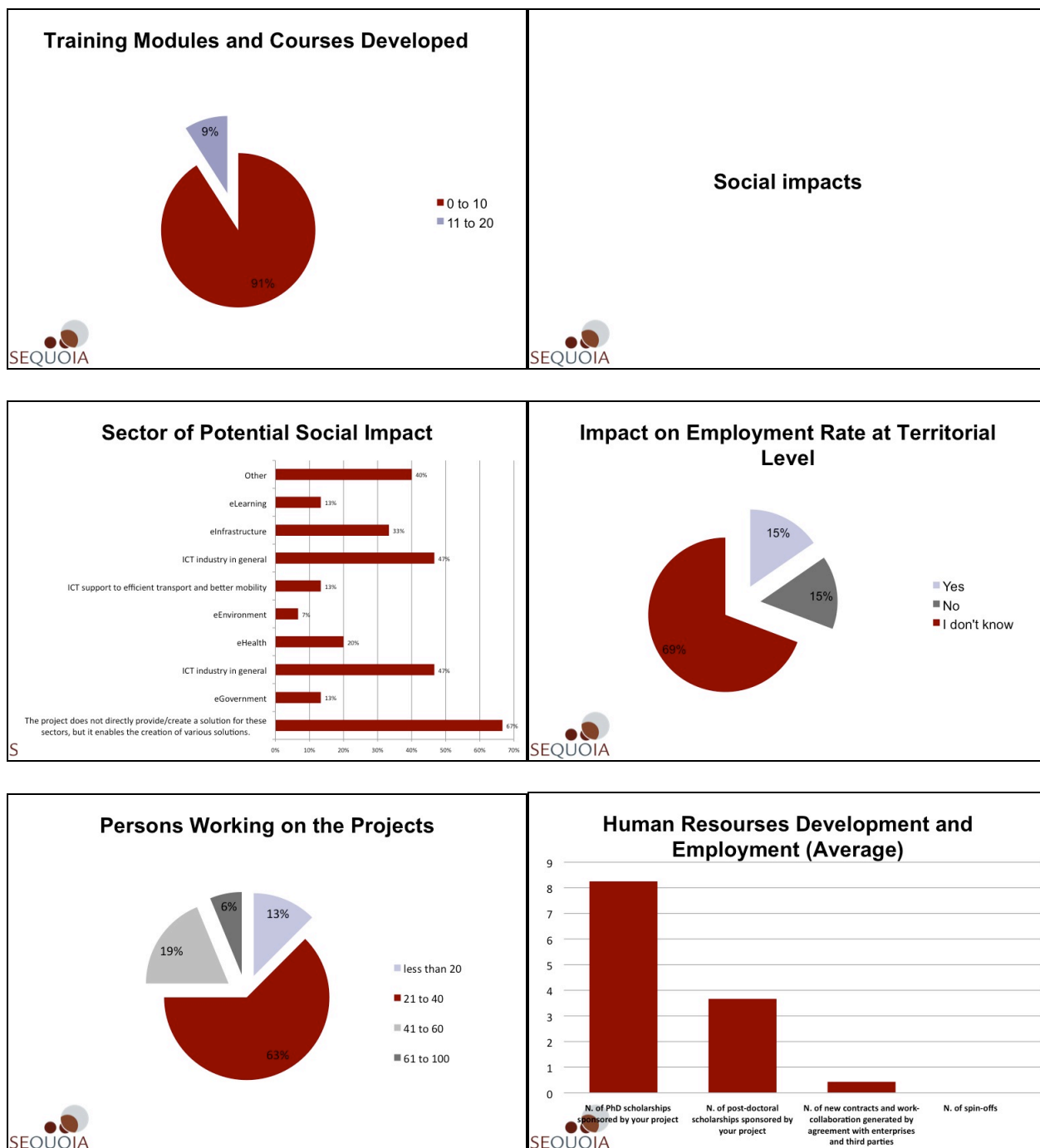
iROI - Indicators variables and proxies

		Typology	Measure or Proxy	Data source
iROI	Benefits	Revenues	(Number of Products) * (Unit Price)	Questionnaire
		Fees	Total Revenues From Fees	Questionnaire
		Royalties	Total Revenues From Royalties	Questionnaire
	Costs	Investment in R&D	Total cost of the project	Project website

SEQUOIA








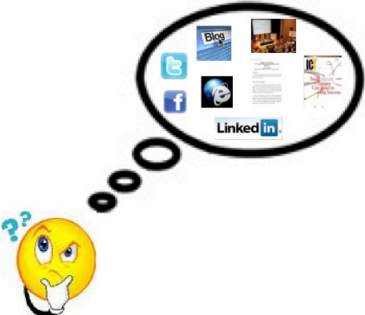
After the presentations an open discussion ensued. Again it was an opportunity to clarify the SEQUOIA methodology and to support the projects in better gathering and providing the data needed by our analysis. In addition, the audience started discussing the difficulties in realising a concrete economic impact during or soon after the end of the projects. Some of the participants asked for more specific support instruments guiding the researchers towards the market. Others highlighted the independence of research and the well-known difficulties in imagining what future applications a technology could have in the future. The time-frame of impact assessment emerged also as a concrete concern; using the project life-time was generally thought to be too short as some impacts do not become visible until well after the end of the projects.


One of the most relevant outcomes of the session was the raising of awareness of the need to have a standardised, even comprehensive toolkit for projects' socio-economic impact assessments that can be proposed to research initiatives from their commencement in order to monitor how to better address socio-economic needs during the lifetime of projects.



2.3 Dissemination Session





The title of the SEQUOIA session was “Identification of target audience and the right message, and how SEQUOIA can help projects in this”

This presentation sought to highlight that a sound assessment methodology can provide significant support for effective dissemination. If projects can assess the impact of their outputs on social and economic beneficiaries they can focus more on the creation of value. SEQUOIA gives projects the quantitative and qualitative information needed to help them become more aware of their social and economic innovation potential. The SEQUOIA assessment methodology offers some key starting points for dissemination activities such as identifying the beneficiaries, the potential intended and unintentional impact, potential value creation and economic and/or socio-economic or indeed scientific impact.

 <p style="text-align: center;">SEQUOIA</p> <p style="text-align: center;">Assessment Meets Dissemination</p> <p style="text-align: center;">Anne English (LSE) & Isabel Matranga (Engineering Ingegneria Informatica SpA)</p> <p style="text-align: center;">SEQUOIA Dissemination Team</p> <p style="text-align: center;">Collaboration Meeting Bruxelles, 28 September 2011</p>	<p style="text-align: center;">Disseminating project results!</p> 
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<p style="text-align: center;">A question worth discussing</p> <p style="text-align: center;">Can a sound assessment methodology provide a basis for effective dissemination practices?</p> 	<p style="text-align: center;">Technology achievements and beyond</p> <p>Today, research projects need to engage more with objectives that go beyond technological achievements</p> <p>Technologies developed under Challenge 1 are expected to be tailored to meet key societal and economic needs. <i>ICT work programme 2009-2010</i></p> 
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<p style="text-align: center;">How can SEQUOIA help?</p> <p>SEQUOIA helps projects assess the impact of their project outputs on the social and economic dimension of their target beneficiaries.</p> <p>It helps projects focus more on the creation of value and makes them aware of the importance of ‘speaking’ the same language as stakeholders when referring to usable technological outputs.</p> <p>Through its assessment methodology, SEQUOIA seeks to give projects qualitative and quantitative information to help them become more aware of their social and economic innovation potential.</p> 	<p style="text-align: center;">The Methodology</p> <p>SEQUOIA's self-assessment methodology uses a mixture of traditional techniques such as Cost Benefit Analysis and Multi-Criteria Methods revised and adapted to the SaaS and IoS research domain. There are four steps to the SEQUOIA assessment methodology:</p> <p>Step 0 The choice of an appropriate timeframe</p> <p>Step 1 Identification of the project type, scope and its stakeholders</p> <p>Step 2 Mapping the outputs, outcomes and the impacts in qualitative terms</p> <p>Step 3 Perform parallel multiple analyses for each project</p> 
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<p style="text-align: center;">Three 'Ws' for effective dissemination</p> <ul style="list-style-type: none"> • Why - why are we spending our limited resources on dissemination? Why do we believe they're better invested here than in other aspects of our project? • Who - who is essential to us achieving our goals? To whom should we be directing our message? Whose hearts and minds must we win in order to succeed? • What - what is special about our product and can breach our 'customers' hearts (unique value proposition) 	<p style="text-align: center;">Key factors of the Assessment that provide a starting point for dissemination activities</p> <ul style="list-style-type: none"> • Understanding the value of collaboration networks How can my project benefit from them? • Identification of direct and indirect beneficiaries Who is the target audience/potential users? • Formalisation of scientific output (not only in terms of publications) Does my project 's scientific output reach the scientific community? 
<p style="text-align: center;">Key factors of the Assessment that provide a starting point for dissemination activities</p> <ul style="list-style-type: none"> • Identification of the USPs (unique selling points) of your project. What is unique about my project output? • Understanding the (potential) economic value of your results (even if you are not seeking market exploitation) What is (if there is) the economic value of my project output? • Recognition of socio/political impact Is the project raising pertinent points for the right audience? 	<p style="text-align: center;">Thank you!</p> 

3. CONCLUSION

The decision to utilise the IoS Collaboration Meeting to increase the visibility of SEQUOIA and communicate our findings to the projects proved to be a good one. We would not have been able to obtain such visibility by organising an ad hoc event.

Thanks to the work performed during the Collaboration Meeting 6 more projects entered the self-assessment process. Moreover, it was an important occasion for spreading the impact assessment culture behind the SaaS-IoS projects: The consortium received several questions about the possibility of using the methodology in other contexts and exchanged information with stakeholders attending the event. In addition, it was a good opportunity also to network with the other support action HOLA!

Thus, based on the amount of information exchanged and feedback received from the projects, the IoS Collaboration Meeting served as a very effective Consultation Workshop, even if we did not follow a strict workshop format and we split up the discussion over three separate sessions. It was also another important occasion for transferring the methodology: This activity actually started early in the project lifetime with the online focus group sessions. After that the online/phone interviews that followed the circulation of the questionnaire were important opportunities to better explain to projects the specifics of the methodology and the “reasons why” of the questions. The IoS Collaboration Meeting/Consultation Workshop was then an excellent opportunity to discuss the main SEQUOIA concepts with everyone at the same time, to give preliminary feedback on the questionnaire results, and to stimulate further participation.