



GLOBAL IQ
IMPACT QUANTIFICATION OF GLOBAL CHANGES

Final Conference

Brussels – 17/06/2014



EUROPEAN COMMISSION
European Research Area



This research project has received funding from the European Union's Seventh Framework Programme (FP7/2007-2013) under the grant agreement n° 266992 (Global IQ)

Project in brief

Project Type	Collaborative project (small or medium size)
Funding scheme	7th Framework Programme – Socio-economic Science and Humanities (SSH) – FP7-SSH-2010-2.1-3 (Analysis of the Impacts of global changes)
Start – End date	01/08/2011 – 31/07/2014
Coordinator	Fondation Jean-Jacques Laffont / TSE, France www.tse-fr.eu Scientific Coordinator: Jean-Pierre Amigues Project Manager: Céline Claustre
Grant Agreement n°	266992
EU Contribution	2 698 155 €
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11 partners & 9 Countries



Fondation Jean-Jacques Laffont / TSE (France) - Coordinator www.tse-fr.eu



Fondazione Eni Enrico Mattei (Italy) www.feem.it



Internationales Institut für Angewandte Systemanalyse (Austria) www.iiasa.ac.at



Potsdam-Institut für Klimafolgenforschung (Germany) www.pik-potsdam.de



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University of Gothenburg (Sweden) www.gu.se



Environment Center
Charles University
in Prague

Charles University in Prague, Environment Center (Czech Republic) <http://www.czp.cuni.cz>



Istituto di Studi per l'Integrazione dei Sistemi (Italy) www.isis-it.com



THE LONDON SCHOOL
OF ECONOMICS AND
POLITICAL SCIENCE

London School of Economic (United Kingdom) www.lse.ac.uk



Graduate Institute of International Studies in Geneva (Switzerland) www.graduateinstitute.ch



The Vienna Institute for International Economic Studies (Austria) www.wiiw.ac.at



Centre for Economic Policy Research (United Kingdom) www.cepr.org



Aims and Objectives

- to provide significant advances in the estimation of socio-economic impacts of global challenges – at Global, European and regional scale;
- to identify optimal adaptation strategies;
- to evaluate total costs and the optimal mix of adaptation and mitigation against global changes.

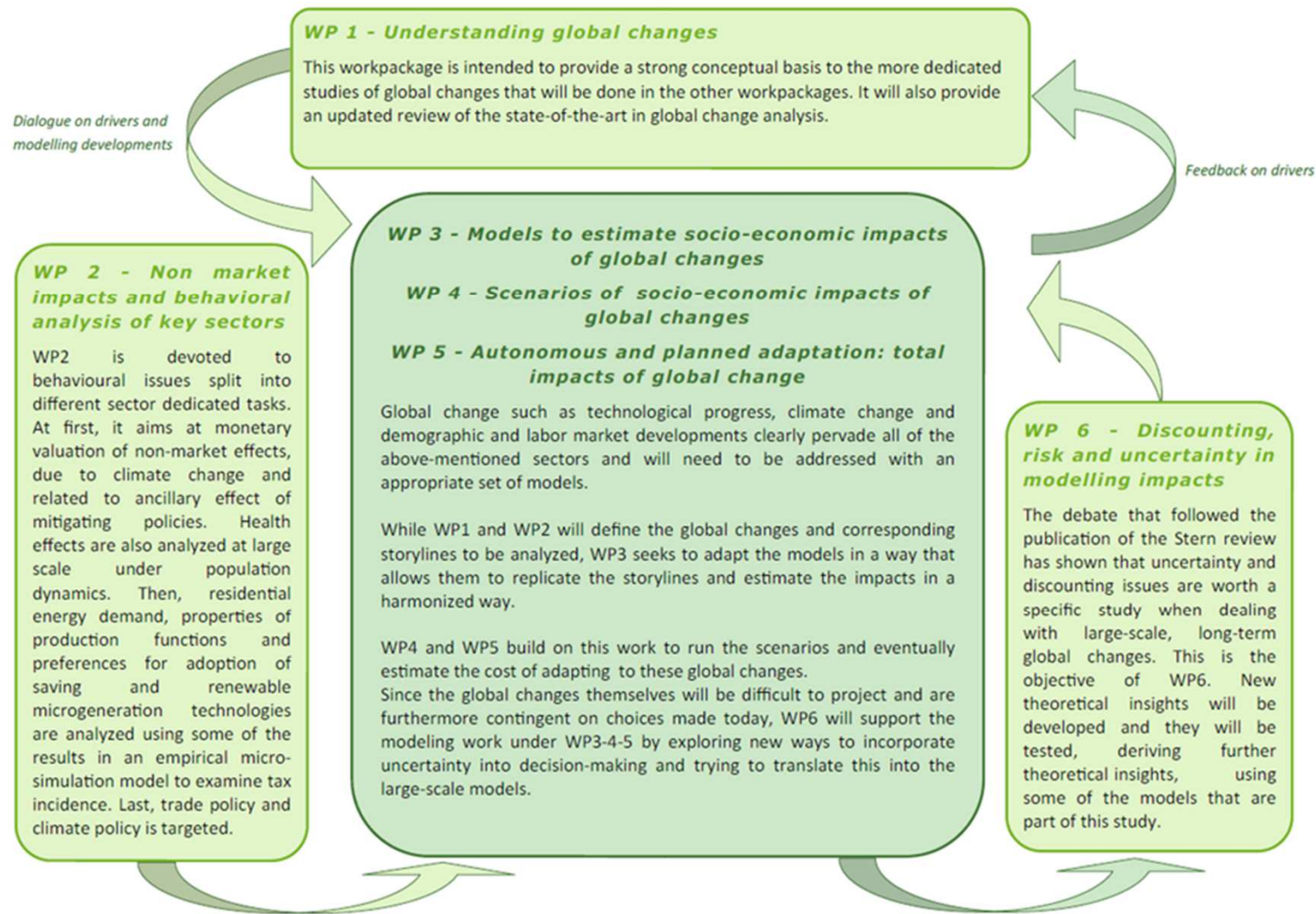


Key features

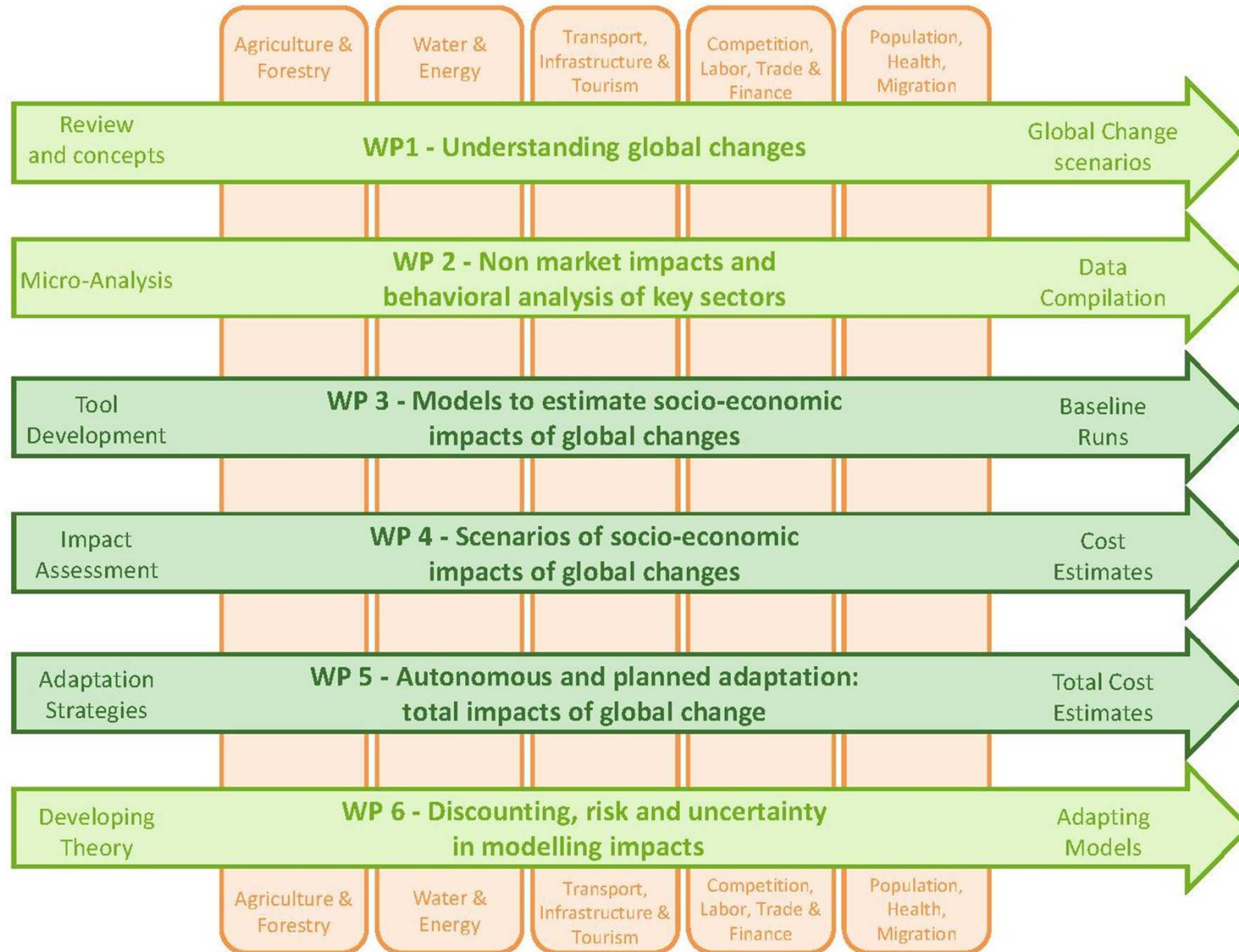
- Economics oriented
- Quantitative oriented (modeling approach)
- Integration oriented
- Mix of applied and conceptual research
- Cross-Competencies building
- Prospective and dynamics oriented
- Policy advice capacity building



Project structure



Project structure



Focus on modelling (WP3, 4 & 5)

Bottom-up modeling approaches:

- Sectoral entries
- Supply-side and demand-side
- Integration of natural processes and dynamics
- Spatial and regional disaggregation

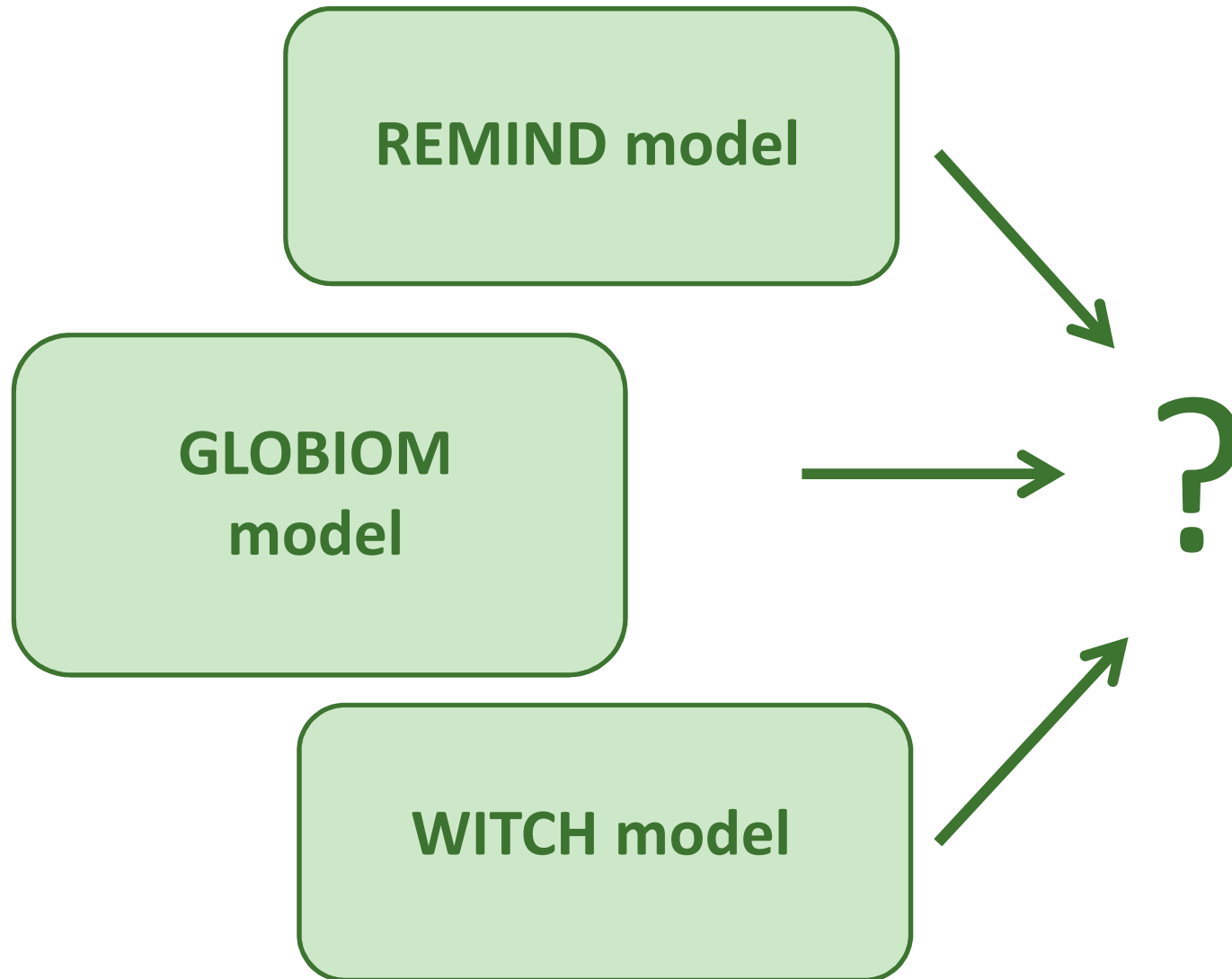


Top-down modeling approaches:

- General equilibrium approaches
- Main drivers of global change
- Integration of economic processes at different scales



Focus on modelling (WP3, 4 & 5)



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Key Deliverables

- D 1.1 Conceptual issues and review of global change assessment and analysis to identify optimal adaptation strategies
- D 2.1 Analysis of key determinants of costs and benefits of mitigation policy
- D 2.2 Estimation of energy demand and demand for environmental quality at household level
- D 2.3 Analysis of key factors that affect European competitiveness
- D 3.1 Report on models development and results of sensitivity analysis
- D 4.1 The socio-economic costs of global challenges, without adaptation
- D 5.1 Optimal adaptation and mitigation scenarios to global challenges
- D 6.1 Managing the uncertainties associated to global challenges



Dissemination

- www.global-iq.eu
- Annual E-newsletter send to sent to scientific organisations and interested parties/stakeholders/policy makers
- Working papers
- Policy Briefs & Recommendations
- Publication in scientific and policy journals
- Presentation of the results during international conferences



Timeline

	2011					2012											2013											2014								
	aug	sept	oct	nov	dec	jan	feb	mar	apr	may	jun	jul	aug	sept	oct	nov	dec	jan	feb	mar	apr	may	jun	jul	aug	sept	oct	nov	dec	jan	feb	mar	apr	may	jun	jul
WP 1 - Understanding global changes																																				
WP2 - Non market impacts and behavioral analysis of key sectors																																				
WP 3 - Models to estimate socio-economic impacts of global changes																																				
WP 4 - Scenarios of socio-economic impacts of global changes																																				
WP 5 - Autonomous and planned adaptation: total impacts of global change																																				
WP 6 - Discounting, risk and uncertainty in modelling impacts																																				
WP 7 - Dissemination																																				
WP 8 - Management																																				

 Milestones

 Deliverables



Agenda

Keynote: The Global IQ scenarios Europe in a changing world (E. Massetti)

Modelling the socio-economic impacts of global changes (Joseph Francois, Francesco Bosello, Ramiro Parrado, Marian Leimbach, Miodrag Stevanović and David Leclere)

Keynote: Managing global changes with national and subnational policies and institutions: examples from the IPCC (Thomas Sterner)

Non market impacts and behavioural analysis of key sectors (Milan Ščasný and Kateřina Kaprová)

Keynote: Uncertainties in global changes: An excuse to do nothing? (Christian Gollier)

Discounting, risk and uncertainty in modelling impacts (Olof Johansson-Stenman, Nicolas Treich and Simon Dietz)





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Thank you !

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Domenico Rossetti Di Valdalbero - European Commission Officer (EC)



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