

COP 19 Side-Event on

COSTS AND BENEFITS OF ADAPTATION TO CLIMATE CHANGE AND THE SUSTAINABILITY OF PUBLIC FINANCE IN THE EU

Thursday, November 21, 2013 - from 4.45 p.m. to 6.15 p.m.
The National Stadium - Room Cracow

Investing in adaptation to climate change is more and more urgent and necessary. This may appear in contrast with high deficits in some EU countries and related budgetary concerns. Nonetheless, appropriate green tax reforms may reduce fiscal distortions and work pro-growth. Most importantly, investing in pre-emptive adaptation can reduce costly future impacts thus improving the sustainability of public finance.

Agenda

Welcome Address

Dr. Corrado Clini

General Director of Sustainable Development, Climate and Energy Directorate, Italian Ministry of Environment, Land and Sea; Former Italian Ministry of Environment, Land and Sea

Adaptation to Climate Change: a Long Term Investment to Reduce Public Deficits and Debts

Prof. Carlo Carraro

President, Ca'Foscari University of Venice and Vice Chair, IPCC Working Group III Director, Climate Change and Sustainable Development Programme, Fondazione Eni Enrico Mattei

The Economic Impact of Climate Change: the Benefits of Adaptation Policy

Dr. Emanuele Massetti

Senior Researcher, Fondazione Eni Enrico Mattei and Euro-Mediterranean Center on Climate Change

The Costs of Adaptation Policy

Dr. Nancy Saich

Advisor on Climate & Environment, Projects Directorate, European Investment Bank

The Economic Dimension of Climate Change in the EU 7Th Framework Programme for Research - Focus on Adaptation and Impacts

Dr. Serena Pontoglio

Research Programme Officer, Climate change and natural hazards Unit, DG Research & Innovation, European Commission

Interlinkages and Synergies between Adaptation and Mitigation Policy

Dr. Richard Klein

Senior Research Fellow, Theme Leader 'Reducing Climate Risk', Stockholm Environment Institute

Open discussion

Speakers

Carlo Carraro holds a Ph.D. from Princeton University and is currently the President of the University Ca' Foscari of Venice and Professor of Econometrics at the same University. He is Director of the Climate Change and Sustainable Development Programme of the Fondazione Eni Enrico Mattei and Director of the Climate Impacts and Policy Division of the Euro-Mediterranean Centre on Climate Change. In 2008, he was elected Vice-Chair of the Working Group III and Member of the Bureau of the Nobel Laureate Intergovernmental Panel on Climate Change (IPCC). He is member of the International Advisory Board of the Harvard Environmental Economics Program (HEEP) and of the Scientific Committee of the International Human Dimensions Programme (IHDP), of the Research Network on Sustainable Development - Paris, of the Ifo Institute for Economic Research - Munich; of the Centre for Applied Macroeconomic Analysis, Australian National University; and of the ENI Energy Research Award, Rome. He is member of the Mitigation Board of the Global Network for Climate Solutions at Columbia University's Earth Institute and of the Green Growth Knowledge Platform Advisory Committee.

Richard Klein is a senior research fellow at the Stockholm Environment Institute and an adjunct professor at the Centre for Climate Science and Policy Research of Linköping University. He is an expert on the science and policy of adaptation to the impacts of climate change, with almost twenty years of experience in original research, science assessment and policy advice. Dr. Klein is the founder and editor-in-chief of the academic journal *Climate and Development*. He has been an IPCC author since 1994, and co-director and chief scientist of the Nordic Centre of Excellence NORD-STAR since 2011.

Emanuele Massetti is Senior Researcher at the Sustainable Development Unit of Fondazione Eni Enrico Mattei (FEEM) and Research affiliate at the Euro-Mediterranean Centre for Climate Change (CMCC). He is Lead Author for the Working Group III of the Fifth Assessment Report of the IPCC. Dr. Massetti holds a PhD in Economics from Catholic University of Milan, a MSc in Economics from University College London and a MA in Economics from Brown University. In 2011-2013 he was Postdoctoral Fellow at the Yale School of Forestry and Environmental Studies. For FEEM he is involved in several European research projects. He has worked as consultant for the EBRD, the OECD, the UNDP and the UNEP. He has received a Marie Curie international fellowship for the years 2011-2014. His main research interests are in Environmental Economics. He is one of the authors of WITCH, an Integrated Assessment Model to study optimal climate mitigation policies. Emanuele is now working at methods to estimate impacts of climate change and adaptation, especially in agriculture.

Serena Pontoglio is a Research Programme Officer at the European Commission, DG Research and Innovation where she's responsible for research in the area of climate change economics. She holds a PhD in Political Science and Institutions from the Catholic University of Milan and a MSc in Environmental Resources. She has worked as Scientific Officer at the European Research Council Executive Agency and before joining the EU institutions she was Research Fellow at the National Council of Research, Institute of Economic Research on Development and Growth (CERIS-CNR) where her main research interest was the interaction between environmental and climate policies with economic activities and innovation.

Nancy Saich is a chartered civil engineer who specialised early in her career in transport projects and more specifically in ports and coastal work. She is now one of the longest standing members of the Bank's Environmental Assessment Group, providing the Bank's Project Teams with due diligence support on environmental matters on a wide range of projects funded by the Bank. She is also a founder member of the Bank's Inter-Directorate Climate Working Group. Following her move to the Bank's Environment, Climate and Social Office in 2011, Nancy now has a specific role as EIB's Adviser on Climate and Environment, and is responsible for leading the work on the Carbon Footprint of the Bank's Project portfolio and on mainstreaming climate resilience into the Bank's Project work as well as developing Adaptation in Bank lending and in technical assistance.