

CLIMATE RISKS AND ADAPTATION IN THE ENERGY SECTOR

INNOVATE4CLIMATE – SIDE EVENT

Factor
Ideas for change



**INNOVATE4
CLIMATE**
FINANCE & MARKETS WEEK

May 22nd 2018, 12:10 pm

Room Satellit, Kap Europa

Osloer Str. 5, 60327 Frankfurt,

Germany

High level
presentations

Leading
companies in
the sector

International
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CLIMATE CHANGE ADAPTATION IN THE ENERGY SECTOR



Changes in climate and extreme weather conditions will affect all regions of the world, albeit unevenly, according to the projections of the Intergovernmental Panel on Climate Change (IPCC). Climate change is expected to bring warmer temperatures, an increase in sea levels, more frequent and severe extreme climate events, and a lower availability of natural resources. Although the total impact of climate change on companies is not entirely certain, these and other climate-related effects can lead to new infrastructure challenges and higher capital costs for organizations.

The energy sector is facing multiple hazards arising from climate change, particularly extreme weather events and increased stress on water resources. Therefore, a greater resilience to climate change will be essential for its technical viability and its ability to cost-effectively meet the growing demand for energy driven by global economic and population growth.

The climate risks faced by the energy sector will entail an implementation of adaptation measures to increase its resilience. These adaptation measures should consider the risks of existing energy infrastructure and new infrastructure for future planning, by identifying impacts on design, construction, operation, and maintenance.

Energy systems are already taking into account some climate risks in their operation and planning adaptation measures but, by building capacity and improving information for decision making and climate risk management, they can further reduce their vulnerability to environmental changes.





SPEAKERS



Kepa Solaun.
Partner and General
Director
Factor



Neha Mukhi.
Senior Climate
Change Specialist
World Bank



Cristian Carraretto.
Energy Efficiency and
Climate Change team
EBRD



Iker Larrea.
Partner and Head of
Markets Division
Factor



Júlia Lucena Betriu.
Policy Analysis and
Climate Change
Acciona



AGENDA

TIME	ACTIVITY	SPEAKER
12:10	Welcome remarks	Iker Larrea. <i>Partner and Head of Markets Division of Factor</i>
12:15	Discussion Panel: Mainstreaming climate change adaptation in corporate planning Climate risks and adaptation in power systems planning EBRD strategic approach to private sector engagement Accounting for climate risks in project budgeting	 Kepa Solaun. <i>Partner and General Director of Factor</i> Neha Mukhi. <i>Senior Climate Change Specialist World Bank</i> Cristian Carraretto. <i>Energy Efficiency and Climate Change team EBRD</i> Júlia Lucena Betriu. <i>Policy Analysis and Climate Change Acciona</i>
12:45	Questions & Answers	
13:10	End of event	

