



# PLENIPOTENTIARY 2010

GUADALAJARA, MEXICO

S I D E - E V E N T S E S S I O N



## ENABLING A LOW CARBON FUTURE: THE KEY ROLE OF ICTS TO ADDRESS CLIMATE CHANGE

Wednesday, October 13

14:30-17:30

Session SE.2 — room G

This session will review how the ICT sector is responding to climate change and how the initiatives within the sector can be fully reflected within the UNFCCC process. It will also provide a briefing on key issues and how different and innovative responses to the challenges of climate change are being addressed by the ICT sector. Furthermore, the session will present the wide range of initiatives being undertaken by the ITU, the progress made so far, and the future strategies and potential scenarios that may take place during and after COP16.

### Key issues/questions:

- The role of the ICT sector and the ways in which different initiatives (such as smart grids, intelligent transport networks, cloud computing, key enabling technologies) create and address climate change issues
- The need for metrics and methodologies to assess the impact of ICTs in the climate change debate
- The work of ITU in providing leadership for the ICT sector in the response to the challenges of climate change
- Future investment in Green ICT and how ITU is working with the private sector to effectively develop new technologies and solutions
- How governments are connecting initiatives within the ICT sector to the work on climate change
- How governments are using ICTs to address and implement their own targets and commitments for climate change
- What needs to be done to increase the sustainability of ICT operations across government agencies and operations
- How is the ICT sector responding to the challenge of climate change
- What are the major initiatives, where is the best practice
- How are major ICT companies re-implementing sustainable strategies
- Are there already results that can be shared?
- What is the expected return on these activities?
- Case studies of telecommunications service providers