

# ICTs and Smart Energy: Accelerating the use of ICTs for sustainability

## Organizer: IEEE

### Emerging Trends

Information and communication infrastructure is an essential foundation for an inclusive information society

Sustainable energy systems will enable inclusive access to ICTs

Distributed power sources and the use of Direct Current can help make the use of ICTs a possibility for more people

### Concrete Actionable Items Identified

Explore the energy conservation potential of clean, renewable energy sources and how to connect them to the electric grid to help combat climate change

Use of voluntary, global standards as tools to help in procuring building infrastructure, and thus ensuring interoperability of energy systems

### Challenges

How to incorporate reliable renewable energy solutions in an affordable way

How to approach mushrooming data storage needs and the resultant energy demands

How to access electronic waste recycling difficulties while new devices proliferate