



Special Session on  
Public Awareness and Education for Renewable  
Energy and Systems

**Abstract:**

New technologies are developing very faster than before and also technologies changed rapidly needs of people according to the use of technology. To understand the meaning of the benefits that renewable energy can bring we must firstly establish our understanding of the concept. The future of the developed and developing countries in the world depends on the availability and transport of energy. It can be said that the consumption of energy will continuously grow in the near future. With renewable energy security and sustainability have become other major priorities to both customers and energy provider companies. Deployment of sustainable / renewable energy sources is crucial to a healthy relationship of society and the environment. Renewable energy is also providing clean and cheap options for customer that live with friendly and healthy environment.

Smart grids are providing good infrastructure for customer that people receive uninterrupted service and they can query their usage easily through the systems. Many customers need to be trained through public awareness on benefit and advantage of renewable energy. Increased public awareness generally increases the willingness to counteract energy consumption and the acceptance of climate-friendly technologies. Social acceptance is another important issue to increase public awareness on renewable energy.

Social acceptance is influenced by both the awareness of climate change and its impacts, and the knowledge of the renewable energy technology in question. There is an evident positive relation between people's awareness about climate change and its impacts, and their preparedness to act.

Apart from awareness about climate change, it is important that the public is sufficiently familiar with the renewable energy generation technology. For new technologies, timely, complete and balanced knowledge needs to be provided in order to raise awareness on its costs, risks and benefits. Experience shows that potentially useful technologies will not be considered if the public is unfamiliar with them, so that many new and existing technologies are not commonly used.

**Topics include, but are not limited to:**

- ✓ *Social acceptance in renewable energy technology deployment*
- ✓ *Elements of social acceptance on renewable energy*
- ✓ *Improving social acceptance on renewable energy*

- ✓ *Improving behavior of customer or public about renewable energy*
- ✓ *Increasing level of social awareness on renewable energy*
- ✓ *Educating people on benefit and advantage of renewable energy regardless of saving cost, healthy and environment*
- ✓ *Future of renewable energy*
- ✓ *Effect of renewable energy usage on climate changing*

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**Important dates of the special session:**

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