

e8 Tokyo Summit Declaration

The e8: International Electricity Leaders' Recommendations for the "Smart Use of Electricity: Powering the Global Solution to Climate Change"



Tokyo, 26 May 2010 – The e8, representing the world leading electricity companies, met in Tokyo today for the annual e8 Summit. Joined by the leaders of the major emerging economies, Eletrobras (Brazil), SGCC (China) and CFE (Mexico), the e8 and guests exchanged views on the "Smart Use of Electricity", the e8's 2009-2010 year theme, and the future of an international agreement on climate change. The fruitful discussions were moderated by two distinguished experts in the international energy field, namely Dr. Hiroshi Komiyama, Chairman of the Mitsubishi Research Institute, Inc. and President Emeritus of the University of Tokyo and Mr. Björn Stigson, President of the World Business Council for Sustainable Development (WBCSD).

In order to advance the debate on the role of the electricity sector in climate change mitigation, the e8 Chairmen issued the Tokyo Summit Declaration, offering a list of recommendations to maximize the benefits of the "Smart Use of Electricity". An innovative initiative that promotes the use of electricity generated from low carbon-emitting technologies on the supply side and a wider and more efficient use of electricity on the demand side, the "Smart Use of Electricity" leads to decreased primary energy use as well as to robust energy security and a better quality of life.

More specifically, the chairmen are conveying the following messages:

- Create the conditions to favor a shift towards a low-carbon electricity generation mix, taking into account region-specific factors including existing power plants, economic viability, availability of energy resources and environmental impact issues.
- Strongly support the speedy development of existing and new low-carbon generation technologies such as advanced coal, new-generation nuclear and all renewables including large hydro, and Carbon Capture and Storage (CCS) technologies. Substantial investments in mid and long-term emission-efficient technologies are needed to de-carbonize electricity.
- Provide incentives for a shift towards electricity in final energy uses in all sectors of society wherever it is more efficient and environmentally friendly, including transportation, the industrial and residential sectors
- Recognize the enormous emissions mitigation potential of technologies such as Smart Grids and Heat Pumps and support their development.
- Also, recognize the urgency to electrify transportation and make electric vehicles a near-term reality by supporting the development of the infrastructure and meeting customer demands.
- Inform clients about their electricity usage and ways to improve efficiency to promote their acceptance of energy efficiency programs.
- Encourage governments to create policies and measures aimed at supporting the Smart Use of Electricity.

The e8 Chairmen reaffirmed the fundamental role of electricity in building a greener and more sustainable low-carbon society and reiterated its commitment to closely

cooperate with its public and private partners for the development and deployment of innovative solutions to reduce society's carbon footprint.

With a vision to further enhance global cooperation, the e8 marked the Tokyo Summit by preparing a Statement of Collaboration signed by the e8 Chairmen and their guests. The e8 also opened its membership to its counterparts in the major emerging countries. The e8 welcomes its new member, Eletrobras (Brazil), and prospective partner, CFE (Mexico) to the group. As major companies engaged in the generation, transmission and supply of electricity across the globe, together the e8 and its partners will enhance their dedication to serve communities through the development and deployment of advanced low and non-emitting technologies to all countries.

The e8:

Created in the wake of the 1992 Rio Summit, the e8 is a non-profit international organization, composed of 10 world leading electricity companies, whose mission is to play an active role in the international debate on global electricity issues and to promote sustainable energy development through electricity sector projects and human capacity building activities in developing and emerging nations worldwide.

The e8, in partnership with UN agencies, key international organisations and local partners, contributes to enhancing access to energy for some of the two billion people around the world still without access to this essential resource.

The e8 mission, with the fight against climate change and sustainable development at its core, translates into three key objectives:

- to contribute to the development of common policies that create the foundations for global cooperation on sustainable energy development and the fight against climate change;*
- to participate in the global debate on key issues relating to the electricity sector, putting forward common positions and becoming a representative voice of the international electricity sector; and*
- to support developing and emerging countries in the effective and sustainable generation and use of electricity.*