



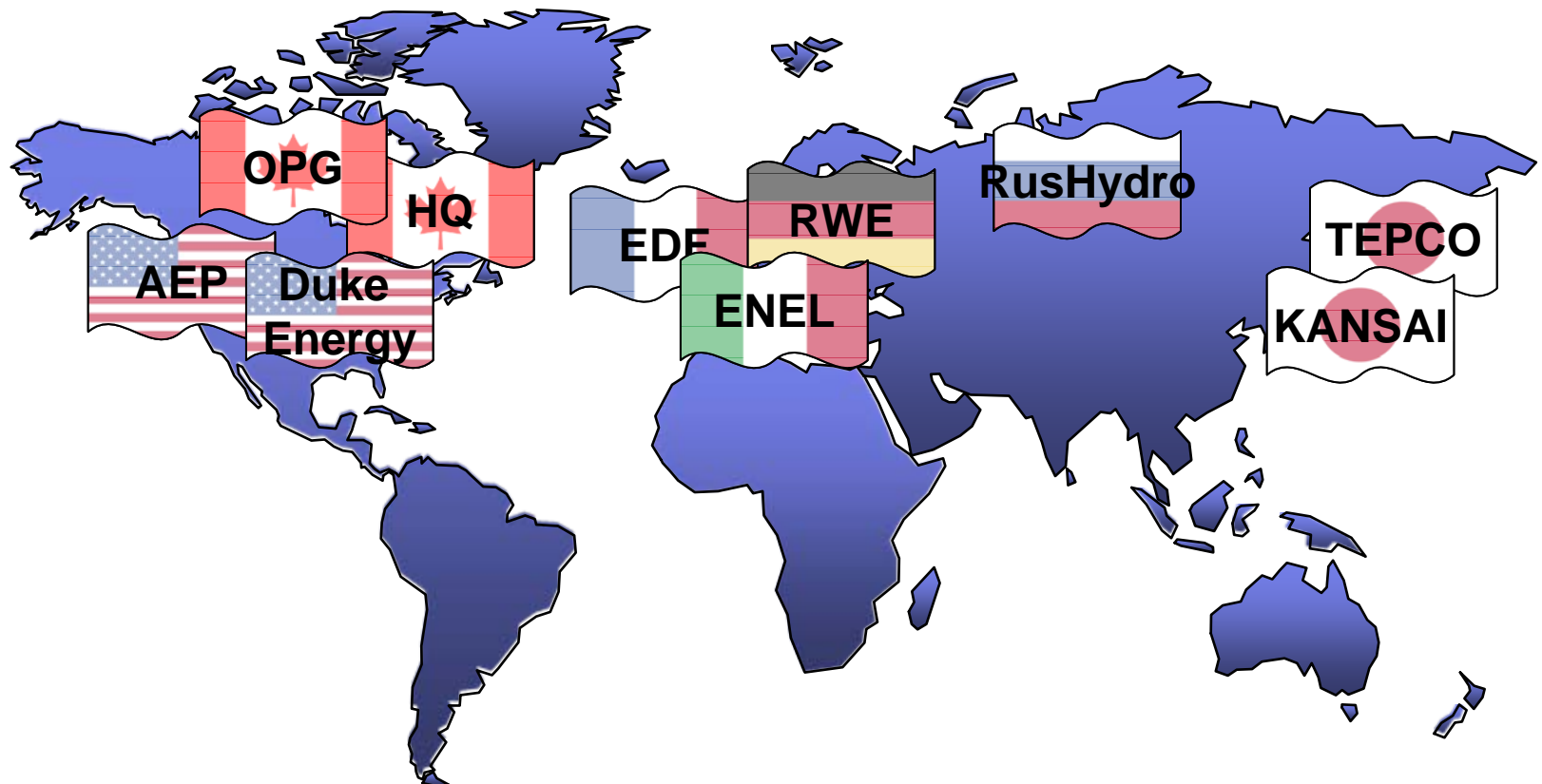
Implementing Sustainable Energy Development Worldwide





e8 Member Companies

- 10 major electricity companies from the G8 countries
- In May 2006, the e7 became the e8 reflecting the addition of a member from Russia
- New members (2008): Duke Energy (USA), RusHydro (Russia)





e8 Strategic Objectives

- Develop joint policy frameworks and implement related initiatives;
- Take joint positions on global electricity-related issues;
- Provide human capacity building assistance on the efficient generation and use of electricity;
- Demonstrate replicable small-scale renewable energy projects.



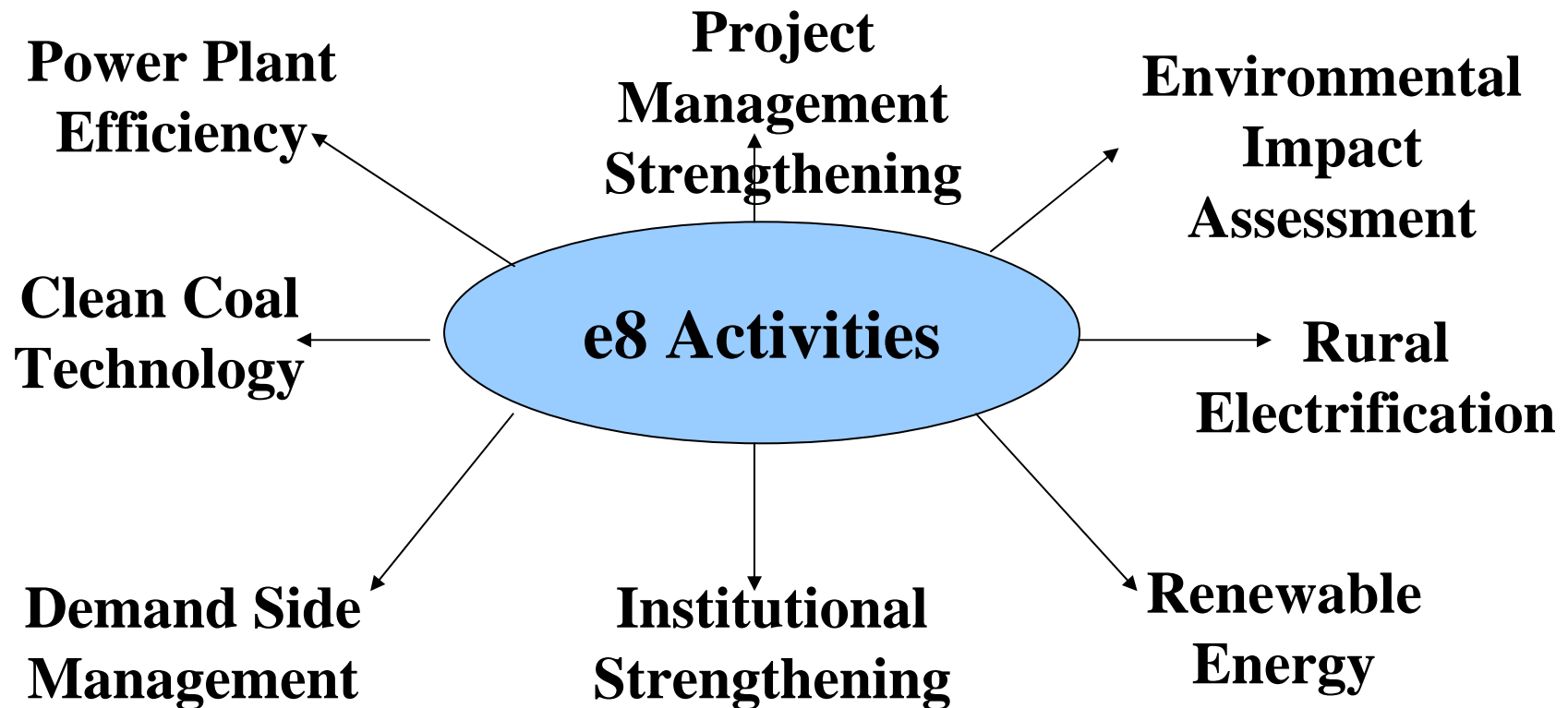
e8 Annual Themes

The e8 members annually focus on a relevant global energy issue, discussed among the Chairmen at the Annual Summit. These themes represent a focus through which members translate their experience into policy opinions that are shared with policy makers, electricity providers and international partners:

- 2006: Security of Energy Supply (*Evian Summit-EDF*)
- 2007: e8 Role in Moving Towards a Bright Energy Future (*Osaka Summit-Kansai*)
- 2008: Climate Change and Technology (*La Malbaie Summit-HQ*)
- 2009: The Electricity Sector: a Key Actor in a Global Solution to Climate Change (*Rome Summit-ENEL*)

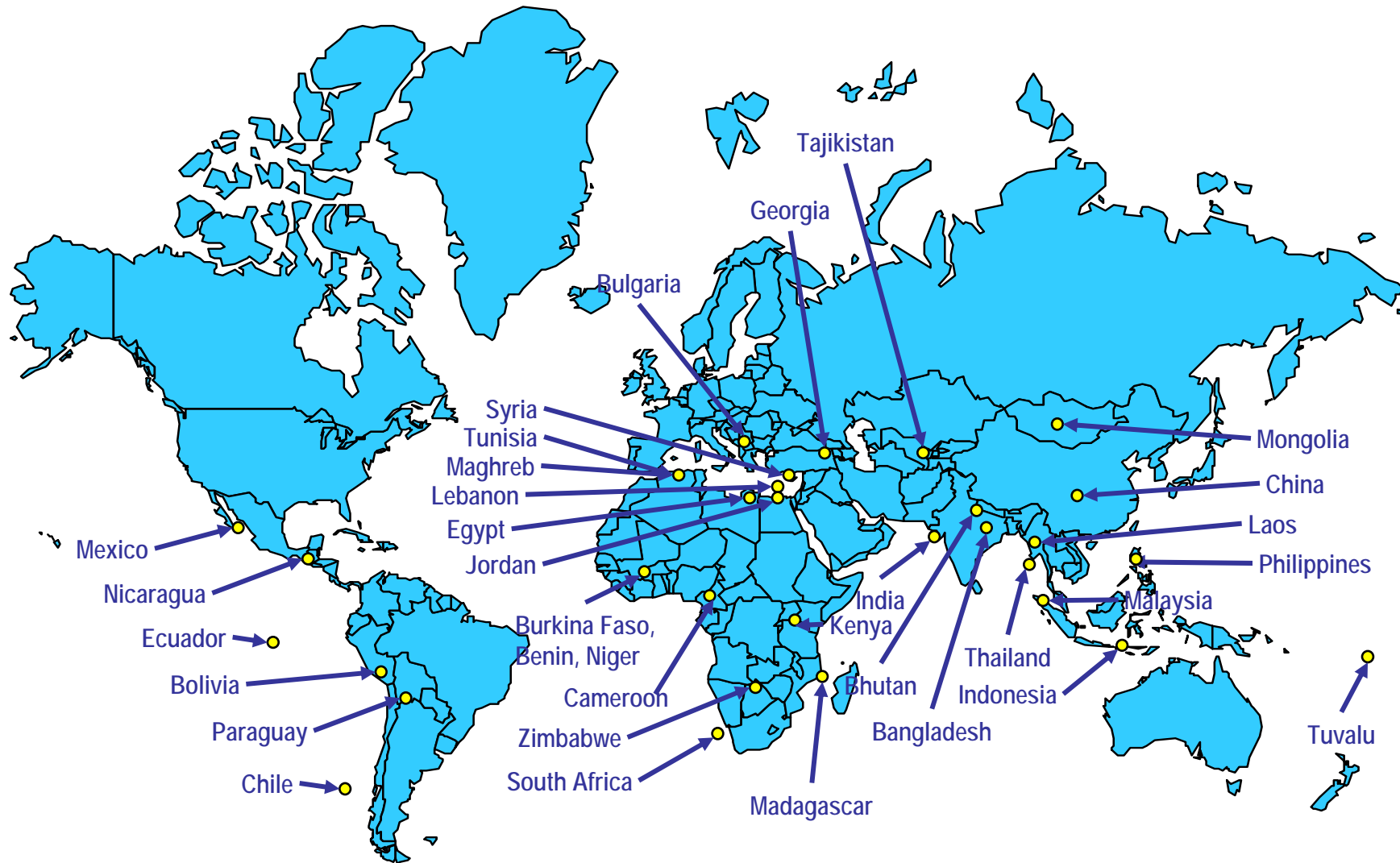


The e8 Fields of Expertise





e8 Projects and Activities Worldwide





e8 Capital Projects

- **Jordan:** AIJ project on thermal power plant efficiency improvements *[Completed, 2000]*
- **Indonesia:** AIJ project on renewable energy supply systems in Indonesia (solar, wind, hybrid, micro-hydro) *[Completed, 2000]*
- **Benin, Burkina Faso, Niger (W Park):** Solar power systems for rural electrification and water supply. *[Completed, 2003]*
- **Bhutan:** CDM-registered project supplying hydro-electricity to a remote village in Bhutan. *[Completed, 2005]*
- **Ecuador (Galapagos):** Re-powering using renewable energy systems such as wind. *[Completed, October 2007]*
- **Tuvalu (Pacific Islands):** Grid-connected solar power installations in Tuvalu. *[Completed, February 2008]*



e8 Capital Projects (Ctd)

- **Philippines:** Development of a mini-hydro power project for the preservation of Ifugao's ancient rice terraces. *[On-going]*
- **Nicaragua:** Development of a small hydro-project in an isolated region and improvement of grid infrastructure *[On-going]*
- **Maghreb:** Wind for desalination project. *[On-going]*



e8 CDM Projects

- The **Bhutan Mini Hydro Power Project** (70 kW) is the first e8 project to be officially registered as a Clean Development Mechanism (CDM) project under the terms of the Kyoto Protocol. It is also the first project to be registered in the Himalayan Kingdom of Bhutan.
- The **San Cristobal, Galapagos**, Wind Project (2.4 MW): The project was registered as a CDM project with UNFCCC in May 2008.



Education for Sustainable Energy Development - ESED

- The ESED was created to support outstanding students in pursuing advanced studies in sustainable energy development and to encourage meaningful contributions to the collective body of knowledge about the subject.
- The Programme targets students from developing countries and economies in transition who plan to undertake studies at the Masters or Post-Doctoral level in areas directly related to sustainable energy development.
- 8 Post-doctoral scholarships and 39 Masters scholarships awarded since 2001.



Galapagos Wind Project (Completed 2007)





Tuvalu Solar Power Project (Completed 2008)





Ifugao Mini-Hydro Power Project

(Construction Q42009)



Wiwili Small Hydro Project

(Construction to start in Q1 2010)





www.e8.org