

Expert Group on Energy Efficiency and Conservation (EGEE&C) Mission, Objectives, Strategy

***(Extracted from Overview of APEC Energy Working Group
Projects)***

3.4 Expert Group on Energy Efficiency and Conservation (EGEE&C)

The Expert Group on Energy Efficiency and Conservation (EGEE&C) was established in 1993.

3.4.1 Mission

The mission of the Expert Group is to advance economic and social well-being, and to realize environmental benefits in the Asia-Pacific region through energy conservation and the application of energy-efficiency practices and technologies.

3.4.2 Objectives

The Expert Group has established the following objectives to accomplish its mission:

- assist in achieving energy security and securing adequate and affordable energy
- services in support of basic human needs and continued economic growth;
- advance the application of demonstrated energy-efficiency practices and technologies in appropriate regional end-use sectors (residential, commercial, industrial, agricultural, transportation, etc);

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- assist in developing and enhancing trade between APEC member economies energy
- in products and services and energy-efficiency practices and technologies;
- contribute to the international effort to reduce the adverse impacts of energy production and consumption upon our global environment;
- improve the analytical, technical, operational and policy capacity for energy efficiency and conservation within member economies.

3.4.3 Strategy

The Expert Group has developed a strategy that consists of the following major elements:

- maintain a dynamic organisation structure and associated “modus operandi” that focus on outcomes consistent with the EGEE&C’s mission and objectives;
- perform technological and institutional assessments to increase the knowledge base about energy conservation, the optimization of energy use systems, the application of energy-efficiency practices and technologies, and environmental impacts of energy use in the Asia-Pacific region;
- engage in collaborative energy technology exchange endeavours such as seminars, workshops, and personnel exchange programmes that facilitate the education and training of energy efficiency and conservation “stakeholders” and “champions” in the region;
- establish cooperative linkages with other international energy technology transfer organisations to maximise energy efficiency and conservation information exchange, and minimise costly duplication of efforts;
- deploy technology transfer mechanisms such as computerised (eg internet-based or CD-ROM) databases and products and services directories that compile information about the availability and successful implementation of

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energy-efficiency practices and technologies and conservation measures that apply to the Asia-Pacific region;

- undertake and facilitate activities that reduce business costs and enhance trade in energy efficient products through cooperation on energy standards. Such activities will support internationally the acceptance of test results; facilitate alignment and harmonization of test procedures and standards; and develop equivalence and translation tools for comparing energy performance levels;
- conduct projects that enable a large number of APEC member economies to
- participate jointly in research, development and demonstration projects that promote energy conservation and result in the application of energy-efficiency practices and technologies in the Asia-Pacific region;
- facilitate exchange of information on member economies' programs and policies to promote energy efficient and conservation;
- encourage program activities in relevant energy end-use sectors to encourage business/private sector participation in applying energy-efficiency practices and technologies region-wide.

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