

# Development of Project Proposal for 2011/2012 Funding

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Asia-Pacific  
Economic Cooperation

**EGNRET**

# EMMg Fukui Declaration on Low Carbon Paths To Energy Security



- o8. The aspirational energy intensity reduction goal agreed to by the APEC Leaders, to reduce the ratio of energy use to economic output by at least 25 percent from 2005 levels by 2030, will be far surpassed if recent trends continue. We therefore instruct the Energy Working Group (EWG) to intensify analysis of the potential for further energy intensity improvement with a view to recommending an enhanced goal.
12. Renewable energy technologies, including solar, wind, geothermal and bioenergy for electricity and biofuels for transport, are declining in cost and diversifying the energy supply mix. We therefore urge continued technology development efforts to further reduce their costs, standardize products, develop supply sources, and share best practices to accelerate their use in electricity generation, buildings and transport sectors.

# EMMg Instructions from Ministers



## ■ Fukui Declaration relating to new & renewable energy issues

### Task on Energy Security

(EWG and BTF) continue assessing the resource potential for biofuels to displace petroleum based fuels, the relative costs of biofuels, sustainable development practices for biofuels and strategies for expanding biofuels infrastructure, in cooperation with the Automotive Dialogue and the Transportation Working Group (TWG).

### Task on Energy Efficiency

(EWG) conducts a series of workshops on the potential fuel and carbon savings from electrification of the transport sector, energy efficient freight, transit-oriented development and other energy efficient transport strategies, in cooperation with the TWG.

# EMMg Instructions from Ministers



## ■ Fukui Declaration relating to new & renewable energy issues

### Tasks on Clean Energy Supply

(EWG) explores mechanisms to encourage economies to **set individual goals and action plans for introducing low-emission power sources**, building upon the success of the PREE, with assistance from APERC and relevant technology expert groups;

(EWG) continues its **assessment of renewable energy options** for reducing carbon emissions, spurring investment and creating new jobs, in cooperation with **EGNRET** and the Small and Medium Enterprises (SME) Working Group;

(EWG) starts an **APEC Smart Grid Initiative (ASGI)** to evaluate the potential of smart grids to support the integration of intermittent renewable energies and energy management approaches in buildings and industry;



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## ■ Fukui Declaration relating to new & renewable energy issues

### Tasks on Clean Energy Supply (*cont'd*)

(EWG) develops APEC Technology Development Roadmaps for key energy technologies;

(EWG) establishes a Task Force to implement an APEC Low-Carbon Model Town Project.

The Low-Carbon Model Town Task Force should develop the concept of a Low Carbon Town, conduct feasibility studies to encourage creation of low-carbon communities in urban development plans, and share best practices for making such communities a reality.

# Thank you for your attention!



**EGNRET website: <http://www.egnret.ewg.apec.org/>**

A screenshot of the EGNRET website homepage. The header includes the APEC logo and the text 'APEC Energy Working Group' and 'EXPERT GROUP ON NEW AND RENEWABLE ENERGY TECHNOLOGIES'. A navigation menu lists: Home, Representatives, Projects, Meetings, Workshops, Reports, Publications, Reference. The main content area features a large 'WELCOME' text, a welcome message, and a description of the EGNRET's mission. Below this are three image-based sections: 'News' (water splash), 'Meetings' (wind turbines), and 'Contacts' (combine harvester). The footer contains copyright information and hosting details.

APEC Energy Working Group  
EXPERT GROUP ON NEW AND RENEWABLE ENERGY TECHNOLOGIES

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**WELCOME**

Welcome to the official website of the APEC Expert Group on New and Renewable Energy Technologies (EGNRET)

The EGNRET has been established by - and reports - to the APEC Energy Working Group (EWG)

The mission of the EGNRET is to facilitate an increase in the use of new and renewable energy technologies in the APEC region

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