Session 3: Effective use and potential of various approaches including market mechanisms

Second East Asia Low Carbon Growth Partnership

Dialogue

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Nobuteru Ishihara

Minister of Environment

Japan

Japan's New Support Program Enabling "Leapfrog" Development

Objective

To support developing countries to leapfrog to low carbon societies with Japan's knowledge, experience, technology, human capital and finance by utilizing JCM (Joint Crediting Mechanism), with establishing the concept of a "human society that harmonizes and enriches the environment and life" new paradigm for the 21st century.

MOE

✓ ESCO Proiect

✓ Inverter

✓ Heat pump



Modeling Sustainable Low-Carbon Asia

Scheme

Achieving "Leapfrog" Development through creation of low carbon society in Asia-Pacific.

Knowledge, Experience,

Technology, Policy

(Participation of various Stakeholders)

Research Institutes. Universities, Local governments

Capacity Building

(Improvement of environment law)

Identifying Development needs

Establishing business models

Financial Support

(Cooperation with JICA and ADB)

Developing Countries

Key target countries (tentative): Developing countries in Asia-Pacific, such as Indonesia, Vietnam, Myanmar, Mongolia and Palau

Subject area

Environmentally Sustainable Cities

Energy Saving and Renewable

- Photovoltaic
- Wind
- Micro hydro
- Marine energy
- **Biomass**

- ✓ Independent
- distributed power
- ✓ Battery, HEMS
- ✓ Smart meter
- ✓ Waste heat recovery

Transport

- ✓ Public transportation system
- Electric bike and vehicle
- Logistics and traffic flow measure

Waste management

- ✓ Incinerator
- ✓ Separate collection
- ✓ Compost
- ✓ Landfill

Water treatment

- ✓ Water supply
- Sewage system
- ✓ Water saving device

Realizing Environmentally Sustainable Cities by "Leapfrog"









Proposing package of low carbon technology and Know-how possessed by Japan

