

Since 1999 GEC has been serving as the Secretariat of CDM/JI Feasibility Study (FS) Programme, commissioned by the Ministry of the Environment, Japan (MOEJ). The CDM/JI projects brought about from the GEC CDM/JI FS Programme are expected to contribute to sustainable development of host countries, and to obtain Certificated Emissions Reductions (CERs) or Emission Reduction Units (ERUs) in order to achieve Japan's commitment of 6% GHG reduction compared to the base year 1990.

With maturity of CDM/JI scheme settings and a large number of project registrations, the FS Programme also promotes to break ground new sectors and/or categories, and to develop new methodologies or revise approved methodologies to expand applicability to CDM/JI projects.

In addition to climate change mitigation effects, the FS Programme focuses on the promotion of "Co-benefits" realisation: in particular, in the areas of local environmental conservation, such as air/water pollution abatement and better waste management.

## List of CDM/JI Feasibility Studies (2010)

| CATEGORY                      |   |   | HOST COUNTRY  | IMPLEMENTING ENTITY                              |   |
|-------------------------------|---|---|---|--|---|
| Waste Management              | Methane Utilisation                                 | Organic Waste Digestion   |  Bangladesh  | PEAR Carbon Offset Initiative, Ltd.              |    |
|                               |   | Agro-waste Digestion  |  Philippines | Eight-Japan Engineering Consultants Inc.         |   |
|                               | Composting  | Domestic Waste & Garbage  |  Viet Nam    | Ichikawa Kankyo Engineering Co.,Ltd.             |   |
|                               | Combined Treatment                                  | Composting + LFG Recovery   |  Malaysia  | Yachiyo Engineering Co.,Ltd.                     |   |
|                               |   | LFG Recovery + Sludge Digestion Gas Recovery  |  China     | EJ Business Partners Co.,Ltd.                    |  |
| Biomass Utilisation           | Biomass Power Generation                            | Rice Husk   |  Thailand  | Industrial Decisions, Inc.                       |  |
|                               | Biomass Heat Generation                             | Woody Biomass   |  Sri Lanka | Ex Corporation                                   |   |
|                               | Bio-Diesel Fuel Production                          | Jatropha  |  Viet Nam  | Mitsubishi UFJ Research & Consulting Co.,Ltd.    |   |
| Transportation                | Idling-Stopping Equipments Installation             |   |  China     | Japan Weather Association                        |  |
|                               | Motorcycle Maintenance Technique Introduction       |   |  Viet Nam  | Pacific Consultants Co.,Ltd.                     |   |
| Renewable Energy              | Wind Power Generation                               |  |  Ecuador   | Mitsubishi UFJ Morgan Stanley Securities Co.,Ltd |  |
| Waste Energy Utilisation      | Coke Oven Gas Utilisation for Coal Humidity Control |   |  China     | E&E Solutions Inc.                               |  |
|                               | Comprehensive Waste Energy Utilisation              | Waste Gas & Heat  |  China     | Tepia Corporation Japan                          |   |
| Energy Efficiency Improvement | Efficient Tenter Introduction                       | Dyeing Industry   |  China     | Kyushu Electric Power Co.,Inc                    |  |
| Coal Mine Methane             | Coal Mine Methane Utilisation                       |   |  China     | PEAR Carbon Offset Initiative, Ltd               |  |
| Forestation                   | Eucommiales Forestation                             |   |  China     | Hitachi Zosen Corporation                        |   |