

**International Expert Group Workshop on Compendium of Environmentally
Sound Technologies for Converting Waste Plastics into a Resource
- Osaka, Japan 15th-16th June 2009 -**

United Nations Environment Programme (UNEP) through its International Environmental Technology Centre (IETC) of Division of Technology, Industry and Economics (DTIE) is currently implementing a project, funded by Ministry of Foreign Affairs, Government of Japan, titled “Converting Waste Plastics into a Resource.” This project aims to build the local capacity and to support the technology transfer in developing countries for managing their waste plastics based on 3R (reduce, reuse and recycle) approach.

The project is consisted of various activities including compiling a compendium of technologies for waste plastics conversion, preparing an assessment methodology for characterization and quantification of waste plastics, and implementing pilot projects.

The development of the compendium of technologies was supported by an International Expert Group Workshop organized jointly by Global Environmental Centre (GEC) Foundation and UNEP-DTIE-IETC. The workshop was held in Osaka, Japan on 15th-16th June 2009.

The aim of the workshop was to bring together a group of experts in the field of waste plastics technologies to discuss:

- the environmental, technical financial and social aspects of technologies for utilizing waste plastics;
- data collection in developing countries; and
- business model for converting waste plastics into fuel.



Over 30 international and national experts on waste plastics technologies from various developing and developed countries, representatives of the private sector and government officials participated in the workshop and held active discussions on technologies for converting waste plastics into energy source, business to business partnerships with support mechanism from governments and data collection and analysis for identification and

implementation of the appropriate technologies.

A draft compendium of technologies, business models and a technology assessment methodology formed the base documents for the meeting. Additionally, the documents were used as the basis to develop training materials and information database to build the local capacity in developing countries on waste plastics conversion.