

## 1. Outline of TCL:

Company name: Thai Caprolactam Public Co., Ltd.

Location: (Head Office) Bangkok, Thailand; (Plant) Rayong, Thailand

President & CEO: Charunya Phichitkul (concurrently Managing Executive Officer for Ube Industries, Ltd.)

Foundation year: 1990

Number of employees: 414 (as of December, 2008)

Shareholders: UBE 91%, Marubeni Group 7%, Others 2%

Sector: Produce and sell Caprolactam and Ammonium Sulfate

Annual Production: Caprolactam 110,000 tons; ammonium sulfate 460,000 tons

## 2. Outline of Project

1) Project name: Catalytic N<sub>2</sub>O Abatement Project in the tail gas of the Caprolactam production plant in Thailand (photo shows N<sub>2</sub>O abatement plant)



2) Project location: Tambol Tapong, Muang Rayong District, Rayong Province, Kingdom of Thailand



3) Contributing to the prevention of global warming:

The contribution of N<sub>2</sub>O to global warming is 310 times greater than that of CO<sub>2</sub>. The scale and execution of this project will reduce N<sub>2</sub>O and therefore benefit the natural environment. Furthermore, by selling emissions credits acquired through this project to companies aiming to meet their reduction targets, MC will also be helping the countries concerned to meet their reduction requirements.

4) About Ube Industries, Ltd.

Apart from caprolactam, UBE has facilities producing nylon 6 resin and butadiene rubber in Thailand, is operating three plants as a group and working to achieve a safe environment. The company is striving to co-exist in harmony with regional society. Not only is this project expected to contribute greatly to improving the region's natural environment, it is also gaining considerable attention as the Federation of Thai Industries' first pilot project in industry, and as a means of introducing Japan's recent technologies to Thailand to help deal with environmental problems.

5) About Mitsubishi Corporation

Recognizing the need for the economy and natural environment to co-exist in harmony and make use of market mechanisms, MC is engaged in the business of emissions trading. Applying its know how in CDM, the company performs the following roles:

- Provides advice in project design for business that can gain UN registration (business through which acquisition of emissions credits is possible)
- Gains approval of Japanese government
- Provides project capital in the form of buying and selling emissions credits

By continuing to trade emissions credits all over the world, and from a long term perspective of sustainable development, MC will continue to support both the natural environment and other companies.