Project Summary
LOT F: CLEANER PRODUCTION COMPONENT

The EU funded Liaoning Integrated Environmental Programme was financially the most comprehensive environmental programme in China (48 million €). The general objective of the programme was to assist Liaoning Province in the North East of China in its efforts to tackle the interrelated issues of pollution abatement, economic modernisation and social redeployment.

The broad aim of the Cleaner Production (CP) Component within this programme was to introduce the concepts and practices of Cleaner Production into factories within the province to support the goal of sound industrial development. In particular, the project supported the Liaoning Provincial Government in its effort to foster the idea of Cleaner Production. This resulted in a Liaoning Cleaner Production Action Plan (which is part of the 10th Five-Year-Plan of the province), which stipulates the implementation of CP activities in 60% of all major polluting enterprises. Therefore, a specialised training programme was conducted to train Chinese experts and governmental officials in all 14 cities of the province.

With support of the project, the Liaoning Provincial Cleaner Production Centre (LCPC) elaborated Cleaner Production National Technical Standards for different industrial sectors (such as chemical, petrochemical, iron and steel), which are published by the State Environmental Protection Administration as well as self-assessment guides, assisting enterprise staff to identify CP potentials.

As one important part of the Liaoning Cleaner Production Action Plan, the Liaoning Provincial Cleaner Production Revolving Fund was established. This fund consists of a commercial credit line (volume 180 million CNY, equivalent to 18 million €), which provides loans to enterprises for implementing CP technologies, esp. high cost CP options. Particular evaluation procedures have been established to select projects in a transparent matter and to ensure that these projects have the appropriate demonstration character.

In addition, a training programme for the financial sector has been conducted to stimulate commercial banks to invest in enterprises, which incorporated CP into their development strategies and daily management. Specific training for enterprise staff was designed to support them to elaborate bankable investment proposals for CP projects.

Services Provided
• Institution Building for a governmental agency (LCPC)
• CP demonstration projects
• Financial regulations and auditing procedures for a revolving fund
• Consultancy methods with a focus on economic benefits
• Establishment of a project performance monitoring system (including quarterly reports, six months work and budget plan etc.)
• Project Management