China Programme, final report for projects 2012-2014
SUMMARY REPORT of THE PROJECT

Name of the project
Industrial problems of water sector in MSc education

Coordinating Institution
Lappeenranta University of Technology

Objectives of the project (as indicated in the project proposal)
The objectives of the project were:
- to teach students newest achievements in water and wastewater treatment
- to offer students the first hand experience in water sector companies in Finland and China
- to develop the most effective teaching programme enabling the satisfaction of the water-related needs and expectations of the companies in the specific industries in both countries
- to encourage students from both countries to continue MSc and PhD education abroad
- to prepare students to collaborate and to work in Finnish or Chinese enterprises

Achieved results and outcomes
The major results of the project are:
- Introduction of new elements-modules into curriculum related to water management and wastewater treatment
- Introduction of new forms in international educational cooperation with China – industrial practices of students
- First-hand experience of Finnish and Chinese students in industrial environment in China and in Finland
- Awareness building action among the Chinese students about the potential of the Finnish MSc education

Activities carried out during the project
There were realized visits of four Finnish staff members and student to China. Eleven Chinese staff and students from South China University of Technology (SCUT) and Qingdao University of Science and Technology (QUST) visited Lappeenranta University of Technology. During those visits there were realized two intensive courses on design of wastewater plants and ozonation processes (South China University of Technology). And the visits in over 10 Chinese companies took place. The students participated in the courses and the visits in the industrial sites.

Future developments
There has been started the preparation of a new joint project with South China University of Technology to be funded by the authorities of Guangdong province. The joint journal paper with the Chinese students covering the results obtained by them during the stay in Lappeenranta is under preparations.