

Asia Programme, final report for projects 2015-2017

SUMMARY REPORT FOR PUBLICATION

Name of the project

Cleantech in cold regions – joint research and education

Coordinating Institution

Aalto University, Finland

Objectives of the project (as indicated in the project proposal)

The main objective of the project was to start student exchanges and to develop and realize joint courses between Harbin Institute of Technology School of Municipal and Environmental Engineering (HIT) and Aalto University School of Engineering in the fields of Energy Technology and Civil and Environmental Engineering. In addition, research collaboration and networking was promoted in various levels.

Achieved results and outcomes

The project strengthened the co-operation between Aalto and HIT. It has resulted in joint research publications and student exchange both at MSc and DSc level. It was also visible in the high-level China-Europe Water Platform meeting in Turku, where one of the keynote speakers was from HIT.

Activities carried out during the project

During the project, two intensive courses were given in HIT by an Aalto professor and the courses were also supported HIT. Some MSc and DSc student and researcher exchange took place, although the number was not as high as planned. A group of HIT Doctoral students was invited to high-level China-Europe Water Platform Conference to Finland, where they had poster presentations about their research. In addition, a workshop was organized before the conference, where Aalto and HIT doctoral students presented their research topics and had a fruitful discussion. The Dean's delegation from Aalto visited once HIT and once HIT Dean's delegation paid a visit to Aalto. One Aalto doctoral had a short research stay in HIT.

Future developments, resulting from the project

It is expected that the co-operation between Aalto and HIT will continue. For example, one of their researchers spent one year in Aalto and will depart Finland in the end of January 2018. Another previous one has recently received a professorship in China. Thus, Aalto has now well-established connections with Harbin Institute of Technology and is able to collaborate at various levels, whether EU or CSC funded programmes or bilaterally organized exchanges or courses.