



Teaching and student research projects for conceptualizing and testing of thermodynamic energy restoring in the BJTU mechanical vehicle laboratory - Staff and student mobility project

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NORWEGIAN CENTRE FOR
INTERNATIONAL COOPERATION
IN EDUCATION

The project supported by www.siu.no **SIU**

SIU - Norwegian Centre for International Cooperation in Education (SIU) is a Norwegian public sector agency that promotes international cooperation at all levels of education.

SIU is located in the city of Bergen, Norway.

Many supporting programs annually

A goal – Exploring alternative laboratory solutions for thermodynamic energy storage and restoring, combined with exchanged teaching seminars and student projects

Expects - Establishing an academic and research network between involved departments

Expects - Teaching seminars at both institutions and involving in student projects

Increased collaboration with enterprises in the public and/or private sectors. The project alliance with Borg Havn Port.

Expected results relevant to research purpose:

Conceptualizing a realistic and sounded commercialized thermodynamics energy restoring solution and testing mini/laboratory scale through the project period.

Identifying and analyzing the feasibility thermodynamics energy restoring solution by Liquefied Natural Gas (LNG) or other related solutions.

Conducting at least two or more academic seminars related

Expected results relevant to project operation

One visit for a project meeting January-March 2017

One visit for an academic seminar in OUC, Norway May – July 2017

One visit for a student focused field course visit at OUC, June - August 2017

One visit for an academic seminar in BJTU, China March- July 2018

One visit for a student focused summer school at BJTU, June - August 2018

Total budget for the project NOK 300 000,-

The project period lasts 31 December 2018 (2 years)

Only supported direct costs, no wage no equipment

Involved institutions own contributions

Requirements for report and disseminations

Need to involve in student mobility

Need to balance gender equally

Risk assessment

Recruitment of students and staff:

For BJTU student recruitment: Lack of/limited knowledge about Norway and Nordic countries, and English language skills.

For BJTU student recruitment: cross-sectional/faculty knowledge and coordinating needs.

For OUC student and staff recruitment: Lack of/limited knowledge about China and BJTU.

For OUC student and staff recruitment: Concerning for language barriers and practical challenges in China.

How shall we activate this project so we conduct the project successfully and beneficially for both sides?

Questions? Comments?

Thanks!