



## Research Assistant (diploma worker) position

We are looking for a research assistant to carry out their diploma work (MSc(Tech) thesis) in a European project titled **Increasing the competitiveness of SMEs through energy efficiency**. The target areas of the project are the Republic of Karelia in Russia and the Oulu region in Finland. The project aims to promote innovation through energy efficiency practiced by SMEs in the Republic of Karelia and Northern Ostrobothnia. The target is also transferring and disseminating best practices of energy efficiency, energy measurement and control. Further information on the project: <http://nortech oulu.fi/eng/eneff.html>

The diploma thesis should contain the following elements:

- Legislation and standards regulating energy-efficiency in Finland and EU
- Assessment of competitiveness and economic impact of SMEs in Northern Ostrobothnia
- Comparative analysis on competitiveness of SME working in the cross-border areas
- Analysis of SMEs' energy consumption
- Collection of best practices (Finnish and EU) in energy management and energy efficiency for SMEs.
- Drafting recommendations for long-term energy efficiency strategy for SMEs in the territories targeted by the project

The research assistant is also required to perform communication and dissemination tasks such as contact with project management, project partners and other stakeholders as well as reporting, publishing and publicizing project results.

The diploma work is to be written in English. Therefore, excellent reading, speaking and writing skills in English are necessary. The research is to be performed chiefly as desktop research, and the trainee is expected to deliver a written report. Familiarity with the target areas is a strong benefit to the success of performing this research. Russian communication skills are considered as an advantage, but are not compulsory.

Successful applicant is currently a Master of Science in Technology student, in the final stages of their studies. Students with the study option of environmental technology are expected, and preference is given to students with the orientation of sustainable energy, industrial environmental engineering, or clean production.

The duration of position is 6 months, and can be started the earliest possible. The salary paid will be 1539 €/month (before tax).

Please submit your application material (motivation letter, CV, copies of your study transcripts and the matriculation examination certificate) preferably as a single pdf-file to the Registrar's Office via e-mail [kirjaamo\(at\)oulu.fi](mailto:kirjaamo(at)oulu.fi) **by March 20, 2013 before 3:00 p.m. local time.**

Address: University of Oulu, Registrar's Office, P.O. Box 8000, FI-90014 UNIVERSITY OF OULU. Further information: Eva Pongracz, tel. 0294 48 7417, or 040 506 1623; [eva.pongracz@oulu.fi](mailto:eva.pongracz@oulu.fi)