

Screening of competences

Results for the Competence Screening
of the Postgraduate Programme in
Renewable Energy at Carl von Ossietzky-
University Oldenburg



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Executive summary

Introduction

By conducting the survey, the report in hand refers to, we were able to answer the questions of whether PPRE (Postgraduate Programme in Renewable Energy) students acquired the intended competence levels and whether the study programme adequately promotes students' competences. We asked both students and faculty members for their perspectives. The evaluation results enable us to detect the strengths and weaknesses in the study programme, which can then be tackled by developing quality assurance and quality enhancement measures.

Main results

All in all, the screening results reveal a quite diverse picture. While in some competences the intended level is not reached (especially for the practical aspect of subject-related and scientific and methodological competences), it is even higher than intended in other competences (especially for the cognitive aspect of social and personal competences). There are also differences between the students' estimation of their own skills, the taught skills and the faculty members' estimations of the students' skills. In most cases, the gap is no bigger than one level. This means that the study programme can be considered successful in general. Still, some important critical aspects which point to potential improvement measures can be found.

Conclusions

In conclusion, one can say that the PPRE study programme can be improved by implementing the following steps: The practical parts of the programme should be expanded, e. g. by implementing project-oriented teaching methods. Furthermore, clear communication with students and faculty members not only about the level at which the teaching and learning process ought to take place but also about the overall aim of the programme should be carried out on a regular basis. In addition, the survey should be repeated with students who have finished the PPRE in order to figure out whether the existing gaps are closed, and the intended competences reached once the whole programme has been completed.

The summary was developed in the course of the project
'Internal Quality Management: Evaluating and Improving Competence-Based Higher Education'

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Further information on the project is available on the Erasmus+ platform for project results:

- Go to <http://ec.europa.eu/programmes/erasmus-plus/projects>.
- Enter the project title 'Internal Quality Management: Evaluating and Improving Competence-Based Higher Education' in the search bar to get to the project homepage.