

## Module description Greening Africa Together

**Module Title:** Greening Africa Together

**Credits:** 8

**Responsible Person:** Ziegler, Felix

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**Module Language:** English

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### Learning Outcomes”

Upon completing the course, students will be able to:

- Realize projects in international and intercultural teams to fulfill the needs of local communities in the partner countries of Greening Africa Together using renewable energy supply or other sustainable technologies.
- Use different methods to collect data for analyzing the needs of the target group.
- Communicate interculturally and to reflect on this communication, online (during the preparation and evaluation) and in-person (while realizing the projects in the summer schools in the Partner countries).
- Conduct literature research and analyses of prior projects in the area and the sociocultural context to improve their own project work.
- Network with different partners (local communities, cooperatives, business, administration).
- Realize their project work as a service-learning project and know all necessary aspects of this concept.

### Content

The international student groups develop projects according to the needs of the target groups as well as the thematic and technical orientation of the chosen working group together with the students of the Partner Universities and the Partner NGO.

During summer schools, students realize the planned projects together with all international members of the working groups as well as the NGOs, the village committees and business partners.

### Workload and Credits

One credit corresponds to 30h workload

<b>Greening Africa Together (PJ)</b>	<i>Multiplier:</i>	<i>Hours:</i>	<i>Total:</i>
Portfolio Examination – Documentation and Final Presentation	1.00	20.0 h	20.0 h
Portfolio Examination – Project Development (including fundraising)	1.00	49.0 h	49.0 h
Workshop Attendance*	15.0	2.00 h	30.0 h
Group Work Meetings	15.0	2.00 h	30.0 h
Summer School/Practical phase (Excursion)	12.0	8.00 h	96.0 h
Preparation of Meetings	15.0	1.00 h	15.0 h
<b>Total</b>			<b>240 h</b>

**\*most of the workshops before the summer school, some hours in an evaluation workshop after the summer schools**

## Description of Teaching and Learning Methods

Project work, service learning, lectures, workshops, ISIS portfolio

## Requirements for the Participation and Examination

- **Desirable Prerequisites:**

A bachelor degree providing the necessary competences to realize renewable energy, energy efficiency and sustainable development projects.

Undergraduate students with a proven relevant background and non-engineering students fitting to the projects are eligible too.

- **Mandatory Prerequisites:**

Good knowledge of English for written and oral communication

## Module Completion

Grading: Graded

Form of examination: Portfolio examination

Admission Criteria for project implementation excursion: Active participation in all the workshops

## Test Elements

A maximum of 100 points can be achieved from

– Project outline draft (presentation, poster + summary) -	10
– Project outline [presentation + lists (tasks, timeline, material)]	10
– Proven social skills in the summer schools	15
– Technical quality of the final project	25
– Self-evaluation	10
– Final presentation	15
– Final report	15

## Grading Scale

<b>1.0</b>	<b>1.3</b>	<b>1.7</b>	<b>2.0</b>	<b>2.3</b>	<b>2.7</b>	<b>3.0</b>	<b>3.3</b>	<b>3.7</b>	<b>4.0</b>
90.0	85.0	80.0	75.0	70.0	66.0	62.0	58.0	54.0	50.0

## Duration of the Module

The module can be completed in 2 semesters. The workshops are held in the first semester, the summer schools during the vacations and the final presentations and reports are to be submitted in the second semester. (It can be different according to the partner universities.)

## Registration Procedures

Preregistration per email to the local coordination team, registration after selection.

## Other

Partner countries: Benin, Burkina Faso, Cameroon, DR Congo, Kenya, Senegal, Togo, Uganda and other members of the Greening Africa Together Network

*Food and accommodation are covered during the summer schools, students also have the option to apply for travel grants, if necessary*