

Module Name	Project Management
Module Number	Eul-RES-E-PM
Responsible Lecturer	Prof. Dr.-Ing. habil. Antonio Hurtado antonio.hurtado@tu-dresden.de
Qualification Objectives	Students master the essential elements of project management and their interactions. They are proficient in managing complex engineering projects and understand how to address and present technological, economic, ecological, and social aspects in a team-oriented manner.
Contents	Using concrete case studies, fundamental knowledge of project management is conveyed. Additionally, the interdependence of individual components and their contribution to corporate management are essential for overall understanding. Particular emphasis is placed on aspects of sustainability, innovation, and change management, which are discussed using examples. Other focal points include the management of international projects and the systematic analysis of technological impacts resulting from the implementation of energy technology projects.
Teaching and Learning Forms	3 hours per week of lectures, 1 hour per week of seminars, 1 hour per week of project work, and self-study.
Prerequisites for Participation	The knowledge and skills to be acquired in the modules Thermodynamics Basics, Renewable Energy Systems Advanced, and Introduction to Energy Economics are required.
Usability	The module is an elective module in the elective area "Orientation" according to § 6 paragraph 3 SO and § 33 paragraph 3 PO in the main study phase of the diploma program Renewable Energy Systems.
Prerequisites for the Award of Credit Points	Credit points are awarded when the module examination is passed. The module examination consists of a complex performance assessment with a workload of 25 hours.
Credit Points and Grades	5 credit points can be earned through the module. The module grade corresponds to the grade of the examination performance.
Frequency of the Module	The module is offered every summer semester.
Workload	The total workload is 150 hours.
Duration of the Module	The module lasts one semester.