

Module Number	Module Name	Responsible Lecturer
CMS-EE-REEP	Resource Economics and Environmental Policy	Prof. Dr. Dominik Möst dominik.moest@tu-dresden.de
Qualification Objectives	The students know and master the theory of exhaustible resources. They are able to answer questions about market and price structures on raw material markets and to apply and critically reflect on optimisation methods in the energy industry.	
Content	The module covers the basics of resource economics and environmental policy. These include current and applied theories and models of the subject areas, such as the hotchkiss rule. The module also covers the basics of environmental policy tax instruments.	
Teaching and Learning Methods	The module includes lectures amounting to 2 lecture hours per week, exercises amounting to 2 lecture hours per week, research project amounting to 2 lecture hours per week plus self-study.	
Prerequisites for Participation	The knowledge and skills to be acquired in the modules CMS-EE-EPM, CMS-COR-HPC and CMS-COR-MLD are required.	
Usability	The module is a compulsory module for students of the track Computational Modelling in Energy Economics in the Master degree programme Computational Modelling and Simulation.	
Requirements for the Awarding of Credit Points	The credit points are awarded if the module examination is passed. The module examination consists of a written examination of 90 minutes and a project report of 150 hours. If fewer than 10 students are registered, the written examination may be replaced by an oral examination - as an individual examination lasting 45 minutes; if this is the case, this will be announced to the registered students at the end of the registration period.	
Credit Points and Grades	10 credit points can be earned through completing this module. The module grade is calculated from the weighted average of the graded work. The written examination is doubly weighted and the oral examination is weighted normally.	
Frequency of the Module	The module is offered each year during the summer semester.	
Workload	The workload is 300 hours in total.	
Duration of the Module	The module takes one semester to complete.	