17th International Project Week 2015  
4th – 8th May 2015

Project Description

Lecturer: Ciprian-Beniamin Benea

University/Company: University of Oradea

Country: Rumänien

Low Carbon World Economy and Climate Change

Content:
Climate change - The most complex problem in humanity’s history,
Climate change, the crisis of non-renewable resources (coal, oil and gas) and their future prices’ instability,
Climate change and the crisis of renewable resources (water, land, and other renewables),
Situation and perspectives for the energy and transportation systems,
Population trends and energy consumption,
The geopolitics of fossil fuels,
Atom between war and peace. Peaceful nuclear energy,
Renewables between past and future

Methods:
Speaking directly to students, using whiteboard as the presentation progress.
Interaction with students

Competences and skills to be acquired:
Understanding the complexities and interdependencies among different systems connected to world economy: climate and environment, energy, and transportation.
Developing skills for working with databases connected to energy and economy.
Developing skills for working with trends in population's evolution and in countries' development, related to energy consumption, transportation and capabilities to head on a green future

Prerequisite:

Language of instruction: English

Suitable studies: URT, GT, EÖS, RET, AEE