

	July 28, 2008	July 29, 2008	July 30, 2008	July 31, 2008	August 1, 2008	August 2, 2008	August 3, 2008
Venue							
08:00 - 08:15	Morning Assembly	Morning Assembly	Morning Assembly	Morning Assembly	Morning Assembly		
08:15 - 11:30	Opening, US Ambassador participation TBC Sustainable development of the energy sector	Danish energy overview Ture Hammer, Danish Energy agency (TBC)	Biomass and integrated use of resources by Charles Nielsen TBC	Wind and the future of windpower by Anders Dalegaard Danish Wind Industry Association OR Vestas TBC	Solar energy. Thermal and PV. by Simon Furbo, DTU OR Peter Sommer Larsen Risø/DTU	Sightseeing in Roskilde: the Dome and Viking ships	Hiking in the forest with a guide (naturvejleder)
Lecturer	TBC	TBC	B. Jenkins		Kubby-Shakouri		
11:30 - 12:15	Panel Discussion	Panel Discussion	Panel Discussion	Panel Discussion	Panel Discussion		
Lecturer							
12:15 - 13:15	Lunch	Lunch	Lunch	Lunch	Lunch		
13:15 - 17:15	Introduction to the course and introduction to PBL (Project based learning)	Climate change and energy supply security Group forming discussions	Concepts: Sustainable development approach and the systemic integrated approach. Group forming discussions	Fossil energy in the future. OR Renewable energy technology - an overview over technologies and their actual implementation and future potentials. Group forming discussions	EST (environmental sound technologies), technology transfer and CDM by Jan Andersen, RUC TBC Forming of groups	On your own in Roskilde	Moving to Lolland
Lecturer	Kjaer						
Social Activities		Kubb- The Viking game		Documentary: Trashed (?)			

	August 4, 2008	August 5, 2008	August 6, 2008	August 7, 2008	August 8, 2008	August 9, 2008	August 10, 2008
Venue							
08:00 - 08:15	Morning Assembly	Morning Assembly	Morning Assembly	Morning Assembly	Morning Assembly		
08:15 - 11:30	Field trip: Risø DTU Solar (Torben Damgaard Nielsen) Wind (Peter Hjulær Jensen) TBC	Presentation of problem statement Field trip: Avedøre CHP and Køge (biomass from industry) TBC	Field trip: Nakskov CTF, biomass, biogas, hydrogen community TBC	European electricity markets, regulatory framework and EU renewable support schemes by Stephanie Ropenus TBC	Electrical systems, smart grids and PowerLabDK (Jacob Østergaard, CET) TBC OR SEAS-NVE (grid simulation models?)TBC	Kayaking on Maribo lakes	Bicycle tour
Lecturer							
11:30 - 12:15	Panel Discussion	Panel Discussion	Panel Discussion	Panel Discussion	Panel Discussion		
Lecturer							
12:15 - 13:15	Lunch	Lunch	Lunch	Lunch	Lunch		
13:15 - 17:15	Biofuels (Erik Steen Jensen) UNEP (John Møbjerg Christensen, Joergen Fenhann) TBC	Hydrogen energy. Invited speaker: TBC Development of problem field and problem formulation	Development of problem field and problem formulation	Design of project	Presentation of project design, discussion, evaluation and improvement	On your own	Project material reading
Lecturer							
Social Activities	Development of problem statement	Development of problem statement	Design of project	Design of project	Documentary: oil in Ecuador		

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08:00 - 08:15	Morning Assembly	Morning Assembly	Morning Assembly	Morning Assembly	Morning Assembly		
08:15 - 11:30	Field trip: Kalundborg Biomass TBC • DONG Biofuel (Neils Henriksen) • SYMBIOSIS (Johan Kryger) • ESCO: Energy Service Company	Field trip: Nykøbing: • Refa • Sugar factory	Energy and technology long term perspectives, USA & EU	Field trip: Wind farm, onshore or offshore	Project work	The Medieval Centre with Knight's tournaments	Knuthenborg Safari Park
Lecturer							
11:30 - 12:15	Panel Discussion	Panel Discussion	Panel Discussion	Panel Discussion	Panel Discussion		
Lecturer							
12:15 - 13:15	Lunch	Lunch	Lunch	Lunch	Lunch		
13:15 - 17:15	Project Work	Project Work	Project Work	Project Work	Project Work	The Medieval Centre with Knight's tournaments	Project work and Moving to Lyngby
Lecturer							
Social Activities	Movie: An Inconvenient Truth		Bowling				

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08:00 - 08:15	Morning Assembly	Morning Assembly	Morning Assembly	Morning Assembly	Morning Assembly		
08:15 - 11:30	Project Work	Hand in reports Prepare presentations	Prepare presentations	Presentations and evaluation of projects	Evaluation of summer school and closing.		
Lecturer							
11:30 - 12:15	Project Work	Prepare presentations	Prepare presentations	Presentation and evaluation of projects	Panel Discussion		
Lecturer							
12:15 - 13:15	Lunch	Lunch	Lunch	Lunch	Lunch		
13:15 - 17:15	Project Work	Prepare presentations	Prepare evaluation of other project reports	Presentation and evaluation of projects			
Lecturer							
Social Activities							

Details:

projects and interests as arisen in the group forming discussions, will be prepared and handed over the second week. Prof. Kjær has already a bulk of electronic documentation in this respect. would preferably fit in the first week (as part of the general introduction) or the third week (when students would probably have more acquaintance with such topics to be able to pose more questions). Lolland Kommune. When looking for accommodation facilities, it is necessary to check out the availability of internet connection, projectors or possibilities for using similar instruments. (this would ease the communications with local networks/companies when researching for their projects).Overall, 10 groups are forecast.

Additional information:

students before their departure.

programme (this item is not currently included in the budget lines).

Some arrangements should also be envisaged for provision of food.