Course: Energy Culture & Business — credits: 5

Course code	TBVB24ECB
Name	Energy Culture & Business
Study year	2024-2025
ECTS credits	5
Language	English
Coordinator	M.W. Visscher
Modes of delivery	Education
Assessments	Corporate Sustainability - Assignment Energy, Culture & Behavior - Computer, organised by STAD examinations

Learning outcomes

Students can recognize the relationship between culture and energy
Students can analyse the relationship between culture and energy
Students can apply insights in intercultural aspects to managerial issues and/or policy

- Students have a basic understanding of carbon footprint; what it expresses, how it can be assessed (calculated) and influenced (decreased) and how awareness can be increased
- Students show an understanding of the idea of Corporate Sustainability; the fact that energy-related and societal problems are interconnected and need a multidisciplinary approach.
- Students show insight in the mindshift that is needed to realize that capital is leading in all economic decision.
- Students are able to apply theory of CS in the context of Energy Transition, specifically within the case of energy neutral cities.
- Students show insight in the 'mind shift' that is needed in order to regard that natural capital is leading in all economic decisions. Ability to use own wordings for CS.
- Students can apply the theory of all 4 basic strategies on Corporate Sustainability (book Natural Capitalism) on companies/organisations by finding ways to incorporate strategies in current business.
- Students have a basic understanding of ESCO (energy service company); what it is and how it can contribute to the increase of energy efficiency and CO2 emission reduction
- Students can apply the theory of 'tunneling through the cost barrier' (book Natural Capitalism) on problems that companies/organisations are facing

Content

As a results of globalization businesses operate in complex settings and have to deal with numerous stakeholders and environmental factors that influence their coporate profitability. Organizations need to face intercultural challenges if they wish to develop their learning orientation. Relevant managerial challenges are cultural awareness, culture sensitivity and flexibility to deal with diversity.

In this lecture series corporate responsibility other than only economical aspects will be discussed. This is called 'corporate sustainability'.
In current society the license to operate goes beyond the economical and therefor the existence of the company in the energy sector has to deal with a number of aspects important in society. Social license to operate, environmental ethics, carbon footprint, cradle to cradle and corporate social responsibility are topics of consideration. Strategies on corporate sustainability will be discussed.

Included in programme(s)

Exchange Energy & Society (autumn and spring)
Minor Energy & Society

School(s)

Institute of Engineering

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