Hanzehogeschool Groningen
University of Applied Sciences

Vak: System Business Case Economics & Law — credits: 5

Vakcode	SUVH15SBC
Naam	System Business Case Economics & Law
Studiejaar	2020-2021
ECTS credits	5
Taal	Engels
Coördinator	-
Werkvormen	Werkvorm 1
Toetsen	Report & Group Presentation - Overige toetsing

Leeruitkomsten

After completion of this module the student will be able to:
1. Develop a sustainable energy business case, and reflect on the chosen approach with reference to the available academic literature.
2. Analyse and assess the feasibility of business cases based upon the combination of expected return, uncertainty, risk and feasibility in the context of a possible wider portfolio of economic activity.
3. Successfully integrate multiple criteria within in the socio, economic, and legal environment, such as the legal, administrative and regulatory complexities into the various development stages of a sustainable energy business case.
4. Convincingly present (communicate) and defend a sustainable energy business case and the underlying analysis

Inhoud

In this module, the student will actively work with the core concepts in the areas of ‘SE Economics, Business and Law’. The students will apply the concepts above in a realistic business case development; business case assessment; business case explanation; and gain a solid understanding of how legal and regulatory concepts relate to such business cases and their implementation
This module focuses on the selection, development, assessment and defence of a realistic Renewable Energy business case. About one-third of the module will be devoted to dealing with advanced concepts in the fields of financial engineering, decision-making and engineering, social behaviour, law and regulatory aspects.
Students will work in small (max 4 persons) interdisciplinary groups with clearly discernable individual solutions, developing business cases for different sustainable energy projects. In this process, students implement the core concepts from various interdisciplinary perspectives, including:
• Business Economics
• Law and Regulation
• Technical Engineering
• Social Science
In doing so, the students will apply theoretical concepts from fields such as strategic management, business model design, financial planning, finance, risk analysis, energy law, regulation, social behaviour, stakeholder analysis, sensitivity analysis. Additionally, students will be trained in presentation skills, creative teamwork, conducting academic research, implementing quantitative techniques, academic writing, and conceptual reflection.
In assessing the case study a wider societal perspective will be included; this also involves the legal and regulatory complexities. Therefore, the criteria used for assessment have to be clearly identified, as well as risks in terms of revenue, social and policy acceptance and future bottlenecks.
Course blocks
 Financial theory concepts (15%)
 Legal regulatory concepts (15%)
 Business case design (30%)
 Business case assessment (30%)
 Business case presentation (10%)

Opgenomen in opleiding(en)

European Master in Sustainable Energy System Management

School(s)

Instituut voor Engineering