HSLU Hochschule Luzern

Lucerne University of Applied Sciences and Arts
Hochschule Luzern - Technik & Architektur

Bachelor-Thesis Wirtschaftsingenieurwesen | Innovation

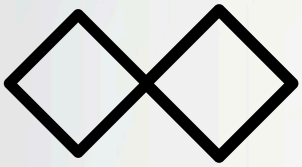
Knowledge Transfer between Research and Teaching, and vice versa, within the Institute of Innovation and Technology Management (IIT) at HSLU T&A

Purpose

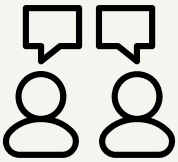
The Business Engineering (BE), the Energy and Environmental Systems Engineering (EESE) programmes and the Competence Center of Business Engineering (CC BE) at HSLU T&A are interested in **improving** the **current state of knowledge transfer** between research and teaching.

The **aim** of this thesis is to **develop solutions that foster knowledge transfer** between research at the CC BE and teaching in the bachelor's degree programmes BE and EESE. To this end, a **status analysis** was conducted to **identify key challenges and potential approaches.** In addition, external universities of applied sciences were involved to examine alternative methods.

Applied Skills



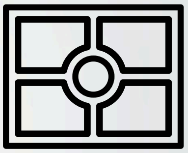
Double Diamond



Interview

Workshop

Analyse Data



Impact-Feasibility Matrix

Design Thinking using the Double Diamond process structured the methodological approach. The required data was collected through interviews with internal and external experts. Additional input was obtained in a workshop, where initial solution approaches were developed. The data was analysed using the qualitative analysis software MAXQDA. The proposed solutions were subsequently validated using the Impact Feasibility Matrix.

Results

The result of this thesis consists **of five solutions** and **one strategic aspect**, based on the collected data and initial validations. Based on the findings, recommendations are made on how to implement the solutions and what aspects to pay particular attention to. The implementation of these solutions aims to foster knowledge transfer between research and teaching and vice versa.