

Energy transition

Centers of Expertise

- . knowledge programme including material technology
- . professors, teacher researchers, students

Educational portfolio

- . mono-, multi-, interdisciplinary modules (15 /30 ECTS)
- . modules as a part of bachelorprogrammes or Minor/Elective

Co-creation teachers, students, professors, companies and government

MD-project School for built environment (AB&I)

- . 3 Bachelorprogrammes AB&I Specialisation Year 3**
- . 5 knowledgeteams: Lean, BIM, Wellbeing, Biobased, Energy**
- . 6 themes (1 in English) and about 30 projects in total**
- . Team 8 students with 1 teacher/coach: 1 real business assignment**
- . 4 goals: individual learning goals student, social-, business- and knowledge goals**

Challenges:

- . Expanding to bachelorprogrammes in other disciplines social, economic, technical etc.; because of assessment, credits, scheduling teachers, didactical approach etc.**
- . Students are very enthusiastic, but find it sometimes difficult to cooperate with students of other disciplines**
- . Role teachers: more process and content**

Avans Innovative Studio (AIS)

- . Minor (30 ECTS)
- . New challenge every 2 weeks; real business assignments
- . Method: design thinking
- . Competencies: investigative ability, interdisciplinary working, creativity e.d.
- . Student: formulate own learning goals on the competencies
- . Formative feedback
- . Assessment : portfolioassessment (products and reflection learningdevelopment)
- . Basic group of coaches
- . Own learning environment

Challenges:

- . Ownership of the minor
- . Depth of knowlege development
- . Small group of capable coaches





Discussion in small groups

- . Reflect on the presentation
- . What do you recognize from the cases within your own institution?
- . What are your positive experiences with interdisciplinary education?
And what are the points of attention?
- . Do you have any recommendations for Avans University of Applied Sciences to be able to realise the ambition towards interdisciplinary experiences for every student?