

Assignment 7

Shifting mindsets: drivers and barriers in aerospace engineering education and mindsets for sustainable aviation

Problem statement

Engineering education plays an important role, and faces a significant challenge, in providing the mindset and practical tools for transitions towards sustainability.

Research question(s)

- What obstacles exist within the aerospace engineering/technical mindset that prevent the implementation of more sustainable or circular practices?
- How could the education of engineers be developed?

Suggested academic backgrounds

- Governance of Sustainability (Leiden)
- Management of Innovation (EUR)
- Global Business & Sustainability (EUR)
- Philosophy and Economics (EUR)
- Development Studies (EUR)
- Law (Leiden/EUR)
- Behavioural Economics (EUR)
- Economic and Consumer Psychology (Leiden)

Expected type of work

Explorative study from behavioural sciences perspective