



Potentials of DfE for small and medium sized companies using the Directive on Energy-using Products as an example

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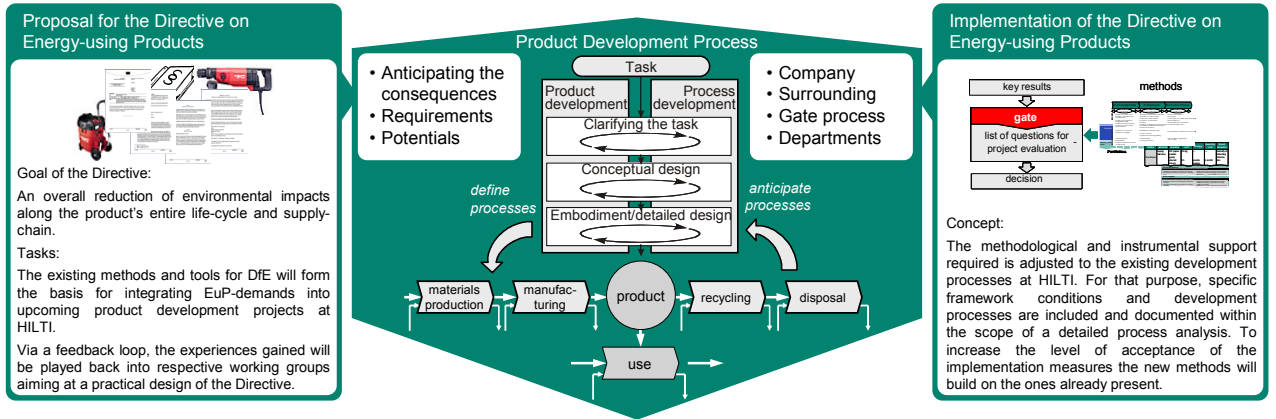
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Motivation

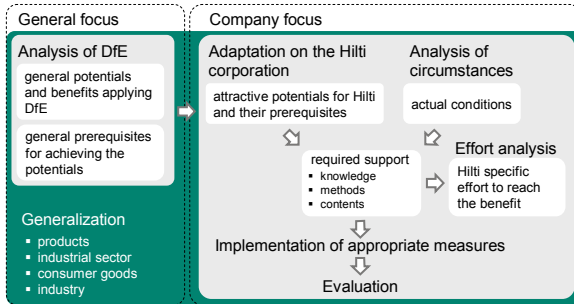


Hypothesis:
By integrating DfE methods and tools into the product development process the whole company can realize a benefit

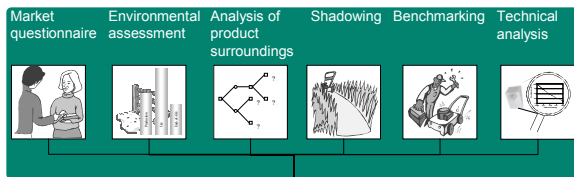
Research Plan

Research approach

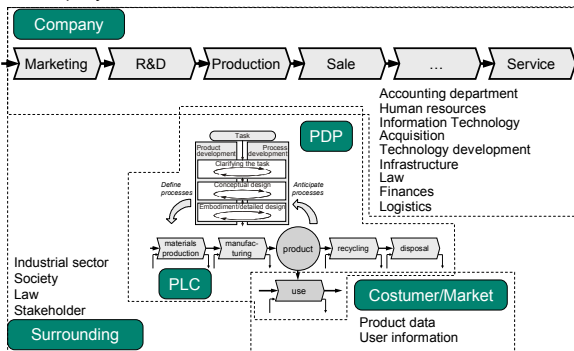
1. Procedure



2. Available classes of methods and tools



3. Company model

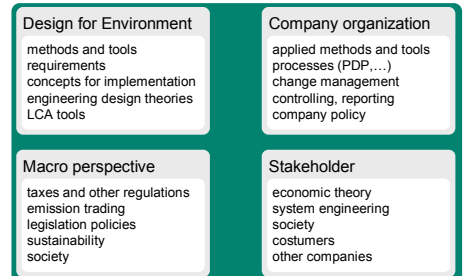


Research questions

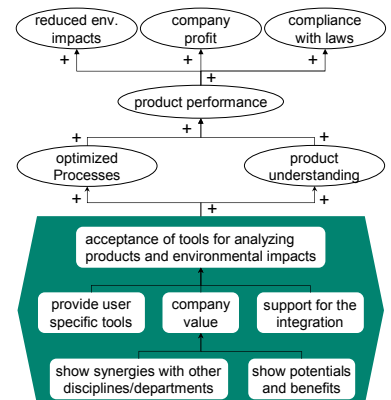
- What are general benefits and prerequisites of applying DfE?
- What are appropriate procedures and methods to transfer DfE into companies?
- What are possibilities for generalization?

Theoretical foundation

Research fields



Impact model



Results

- General guideline with potentials and benefits applying DfE
- Guideline for the implementation of environmental requirements
- Checklist for the integration of DfE into company specific structures

- Options for influencing the enforcement of the Directive on EuP
- Best practice example
- Optimized checklists, methods and tools