Maturity-based approach for the development of environmentally sustainable product/service-systems - DTU Orbit (08/08/2019)

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Despite their substantial potential for enabling increased environmental performance, product/service-systems (PSS) are not intrinsically environmentally sustainable. In order to ensure increased environmental performance, PSS best practices should be integrated with ecodesign best practices, from the early stages of the development process. This paper aims to identify the best practices for PSS development, based on a systematic literature review, and to propose their integration into an existing maturity model for ecodesign, the EcoM2, into which 30 best practices for PSS development are identified and integrated. The proposed approach has the potential to enable the development of environmentally sustainable PSS offerings.

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