Two tools for environmentally conscious designers and product developers of electrical & electronic equipment (EEE) - DTU Orbit (22/12/2018)

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The paper presents the two tools 1) "Product families - short cuts to environmental knowledge" and 2) "Eco-conscious design of electrical & electronic equipment (EEE)". Tool 1) comes in form of a handbook. The purpose of this handbook is to ease the work with developing more environmentally sound products, thus giving guidelines for development of new products without the companies themselves having to perform an LCA. The handbook describes 5 product families: mobile phones, vacuum cleaners, industrial valves with electronic controls, lighting, ventilation. Tool 2) comes in form of a software tool with built in training, guidance, references, calculator and database. The tool provides the basic understanding of how EEE-products in general interact with the environment. The tool gives an overview of the tasks and responsibilities involved in Eco-Design, and examples of how to choose and quantify environmental metrics.

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