



DfE of products of globally integrated industries: prerequisite for efficient LCM

Present and forthcoming environmental regulations (e.g. WEEE, RoHS, EuP) require a sound Design for Environment (DfE) of complex products (e.g. mobile phones, handhelds, air conditioners, washing machines, etc.) that consist of a multitude of sub-assemblies that are typically manufactured by different interdependent industries. DfE in this context encompasses practices that promote a systematic approach to considering all relevant environment, health, and safety concerns over the full product life cycle. DfE can be anything ranging from another tool in the standard Design for X process, a change management system, or a strategy for achieving sustainability and competitive advantage. Concentrating in particular on complex products manufactured by globally integrated industries (e.g. electronics and electro-mechanical appliances) this session will cover any tool, method, or management approach implemented within new products of this kind and business development processes, and that is intended to improve the environmental performance and social acceptance of the new product offering.

Instructions for submission of papers will be made available in July 2006 on www.lcm2007.org. Further information regarding the session is available from:

Thomas Swarr
Manager, Environmental Programs
United Technologies Corporation
One Financial Plaza, M/S 503
Hartford, CT 06101
USA

Email: thomas.swarr@utc.com

Wolfram Scharnhorst
Scientist, LCA unit
Swiss Federal Laboratories for Materials Testing and Research/Technology & Society Lab
Überlandstrasse 129
CH-8600 Dübendorf

Email: Wolfram.Scharnhorst@empa.ch