How ecodesign of products and services can embrace the use stage?
Opportunities and challenges to improve global environmental performance through genuine usage integration during design

Preliminary Program

Morning: Toward a use stage integration during eco-design: Get inspired by good practices

8:30 - 9:30 Welcoming Speech: the EcoSD Network and program of the day

9:30-10:20 Design for Sustainable Behavior and Practices Pr. Boks and Dr. Pettersen (NTNU-Norway)

10:45-12:00 Roundtable 1: Feedback from successful initiatives of use stage integration in the building sector

- Stochastic approach to occupants energy use simulation for buildings
  MinesParitech; Vinci Construction - Centrale Supélec; ESTIA
- Extended usage and value creation perspectives of a building by value and externalities management:
  the DECADIESE methodology
  Centrale Supélec; Vinci Construction
- Game as measurement tool of the real uses in dwellings to reduce energy consumption
  Estia Recherche; Estia

(11:15) Discussion

Afternoon- Opportunities to challenge this integration

13:30-15:00 Roundtable 2: Capturing Usage for eco-design activities

- An ecodesign methodology for evolutionary products considering user’s needs and behavior
  Université Grenoble Alpes
- Exploring user’s practices through the use phase of a television to minimise the environmental impact
  Université de Laval-Belgique; Université de Montréal-Canada
- Development of usage models for the ecodesign of products: the concept of usage ecodrift
  Université de Toulon

(14:00) Discussion

15:30-16:30 Roundtable 3: Representing usage in eco-design and product development

- Interoperability between product design models and usage models to improve life cycle assessment inventories
  Université Grenoble Alpes
- Defining the ergonomics and environment ideal archetype to improve the use stage of telecom products
  Université Grenoble Alpes - Orange
- When Social practices must dial with technology centered approach
  Université de Toulouse

(15:50) Discussion

16:30-17:00 Closing speech

Registration at:

More information at:
http://www.g-scop.grenoble-inp.fr/conception-produit-process/ecosd-annual-thematic-workshop-747577.kjsp

Contact and Paper submission:
g-scop.contact_ata2016@grenoble-inp.fr

Important dates

17th of December 2015:
Opening of the registration website:

15th of February 2016: Full paper submission


EcoSD Network is a French association whose main objective is to encourage collaboration between academic and industrial researchers in order to create and spread advanced knowledge in the ecodesign fields. This initiative aspires to help a global sustainable development process on national and international levels. For more information go to: http://ecosd.fr/en/