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Swiss Discussion Forum on Life Cycle Assessment

ecoinvent v3 – an introduction to the new features & data

DF 48, Wednesday June 13, 2012; 09:30 h – 17:15 h
Empa Akademie, Dübendorf



Abstract

The ecoinvent Centre provides the most relevant, reliable, transparent and accessible LCI data worldwide. The new version 3 offers a variety of improvements and exciting features. This includes enhanced flexibility of multiple system models based on the same unit process data, parameterization and integration of formulas, a better and directly integrated documentation, and many other attractive options. Furthermore, many data collection projects expand and update the database, e.g. water use data for many processes, new data for fruits and vegetables, or further national electricity mixes.

In this Forum, the ecoinvent Centre together with its carrying institutes (Empa, ETH, PSI, EPFL and agroscope ART) will introduce to you these new features, components and data of ecoinvent v3 and demonstrate how they can be used to increase the quality of LCA studies.

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Program

(As from May 8, 2012)

09:00	Registration, Coffee
09:30	Welcome & Introduction Gerard Gaillard, Head of ecoinvent Board
09:45	Part I – Introduction to ecoinvent v3 (Moderation: G. Gaillard) <ul style="list-style-type: none"> • ecoinvent v3 – new dimension for international LCI DB [20 Min]: B. Weidema • ecoinvent – a common platform for your LCI datasets [20 Min]: R. Hischier • Questions / Discussion [20 Min]
10:45	Coffee Break
11:15	Part II – New modelling principles in ecoinvent v3 (Moderation: S. Hellweg) <ul style="list-style-type: none"> • System models & linking of datasets into systems [30 Min]: G. Wernet • Using parameterization to handle co-products from combined & joint production [30 Min]: B. Weidema • Questions / Discussion [30 Min]
12:45	Lunch Break → <i>standing lunch (offered by the ecoinvent Centre)</i>
14:00	Part III – Data in ecoinvent v3: General issues (Moderation: R. Zah) <ul style="list-style-type: none"> • Adaptation of existing data to new modelling principles [15 Min]: T. Lévová • ecoinvent internationalisation projects [15 Min]: G. Wernet • Overview of new data [15 Min]: R. Hischier • New water data in ecoinvent v3 [15 Min]: S. Pfister, ETHZ • Questions / Discussion [15 Min]
15:15	Coffee Break
15:45	Part IV – Data in ecoinvent v3: Examples (Moderation: S. Hirschberg) <ul style="list-style-type: none"> • New electricity mixes [15 Min]: Chr. Bauer, PSI • Fruit and vegetable data [15 Min]: F. Stössel, ETHZ • New passenger transport data [15 Min]: A. Delduce, Empa • New and updated agricultural data [15 Min]: T. Nemecek, Agroscope ART • Questions / Discussion [15 Min]
17:00	Closing Remarks Gerard Gaillard, Head of ecoinvent Board
17:15	Farewell Apéro (<i>offered by the ecoinvent Centre</i>)