

ILCD Reference Objects bug-fix and servicing report of 25 May 2010

Overview:

The following errors have been fixed and data set servicing operations been performed in the downloadable ILCD Reference Objects database zip file.

The errors affect a couple of flows and flow property data sets (as were accessible as zip package via <http://lct.jrc.ec.europa.eu/eplca/deliverables/international-reference-life-cycle-data-system-ilcd-handbook>).

The servicing affects ALL data sets in the entire database, as the "ILCD Data Network - Entry-level" requirement has been adjusted to reflect the final version, replacing the so-far referenced draft. Consequently, the "version number" and "Permanent URI" of all data sets have been counted up (e.g. from version 02.00.000 to 02.01.000).

Errors:

- The Flow property "Hydrogen content (mass)" was double; one data set has been removed from the package.
- The Flow property "Energy ren. (net calorific value)" has been removed. (Note: flow properties refer to technical flow properties; the differentiation renewable / non-renewable is addressed in LCIA, not in flow properties.)
- The CAS Number of the elementary flow "nitrous oxide" - "Emissions to lower stratosphere and upper troposphere" has been corrected to 010024-97-2 (was 010024-97-3).
- The names of the various elementary flows for "cyhalothrin" as emissions to different environmental media have been changed, respectively the two different forms of cyhalothrin (lambda-cyhalothrin and beta-cyhalothrin) with different CAS No. have now been differentiated also by their names.
- For a couple of elementary flows the reference to the flow property has been corrected; it was correct in the referenced URI but erroneous in the also provided UUID.

We apologize for any inconvenience this may have caused.

Servicing:

- The preceding draft "ILCD Data Network compliance" requirement source data set and draft requirements document has been replaced by the first final version. All data sets now point to the new source data set "ILCD Data Network - compliance (non-Process)" and the related requirements pdf document.
- The complete set of new source data sets that allow to declare that a Process meets the "ILCD Data Network - Entry-level" requirements or to declare full ILCD compliance of Process data sets for different LCA applications and with each three quality-levels are now included in the package.
- The special flows that can be used to model temporary carbon storage and delayed GHG emissions (as detailed in the first edition of the "ILCD Handbook - General guide for LCA", chapter 7.4.3.7) have been added.
- Lower and upper heating value figures (and partly density information) have been added to a range of product flows (fuels, wood-based products, organic chemicals).
- A number of smaller servicing operations have been carried out for a number of data sets and on a data set internal, technical level.

Note that the data set field "Preceding data set version" in each of the changed data sets points to the preceding data set or sets that has/ve been replaced by the now released data set.