

Content

- Bugs fixed: ecoinvent version 3.01 is here
- User Meeting & Data Provider Workshop: Presentations online

Bugs fixed: ecoinvent version 3.01 is here

The ecoinvent Centre has released version 3.01 of its database today. This version corrects some errors present in the 3.0 version and will substitute that version. The changes made will optimise the use and accuracy of the ecoinvent database.

As outlined in last month's newsletter the new version corrects the most significant errors detected in the version 3.0. The list below highlights the most important changes made:

✓ Corrected prices

Some products had poor price data which affected the results in the allocation system model. These have been corrected.

✓ Corrected data

Errors were found in some datasets (originating from v2.2 as well as from changes made for v3.0) by our users. These have also been corrected.

✓ Markets added

Some regional markets have been added for different types of heat. These now better reflect the existing supply chains and improve the quality of the results.

✓ Uncertainties repaired

Due to a software issue in the export of the files from our database, the uncertainty factors were wrong in some datasets. The mean value and variance in the uncertainty fields is now presented correctly in all datasets.

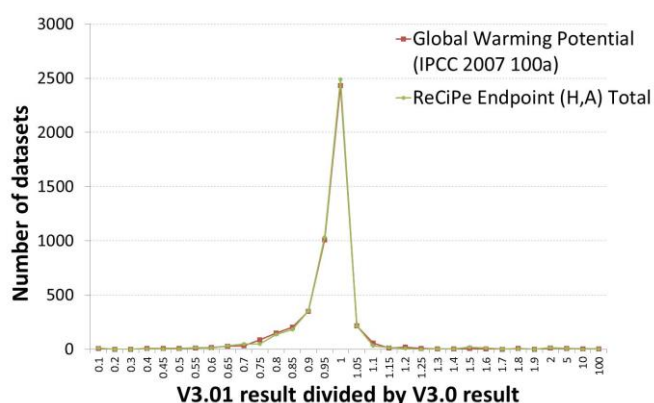
✓ True value

The true value relations are now calculated correctly, removing a few calculation errors from the allocation system model.

✓ Format of LCIA matrices improved

The LCIA matrices have been formatted in a more user-friendly way. The names of the products are clearer, and the general arrangement has changed to become more useful: Activities and products are now listed in rows and the methods can be found in columns.

A more detailed overview on all the changes made between version 3.0 and 3.01 can be found on our website.



What effect the bug-fix release has can clearly be seen in the graph shown to the side.

The graph shows the distribution of the version 3.01 results divided by the version 3.0 results for two example LCIA methods: the Global Warming Potential, and ReCiPe. A factor of 1 means the LCIA result did not change at all, smaller values mean the LCIA results decreased. Due to a fix of a problem in the allocation of some waste treatments

and improved heat markets, the results for some datasets decreased quite significantly. However, the combined changes in version 3.01 have had only a minor effect on the overall results of the database and most results have not changed considerably. Thus, results obtained from calculations using version 3.0 are in many cases still valid, although a new calculation using version 3.01 is recommended.

All changes made between ecoinvent version 3.0 and version 3.01 have been taken into consideration when updating the correspondence files between ecoinvent version 2 and 3, the overview of all activities and products present in ecoinvent v3 and the Change Report. All these documents and files can be found on the support section of our website.

User Meeting and Data Provider Workshop: Presentation online

The ecoinvent Centre was happy to welcome many users and data providers at its User Meeting and Data Provider Workshop as part of this year's LCM 2013. The User Meeting gave users an introduction to ecoinvent version 3, the different system models as well as an overview on all the new features. Additionally, a presentation on the choice of the different system models in version 3 gave users a better insight into what system model is the most appropriated in which context. The following Data Provider Workshop gave potential and current data providers the opportunity to look at case examples and ask detailed questions on providing datasets to ecoinvent.

Users who weren't able to join the User Meeting or Data Provider Workshop can find all presentations of this day on our website.

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