

Working together towards a common goal:
Open access data and open source software for transparent product foot print.

Agenda:

- Updates on recent individual developments
- Towards full modularity of independent developments towards our common vision and relation to the parallel work within the Industrial Ecology society
- Discussing opportunity to suggest BONSAI as an add-on to UNEP's GLAD project
- Re-launching our current communication channels (GitHub, LinkedIn, Working Groups, Board)
- AOB

Summary of recent individual activities and updates

Romain Sacchi:

- Working on a simplified attempt to have an online platform that can store LCI information in one or several DBs. Admins receive requests for modification/update of LCI data from users. The platform should perform routine functions to scrap data to update LCI data (U.S GS, UN stats, Comtrade, etc.). Can also offer an interface to solve LCIs, perform LCA calculations. For now, Django and Brightway are used to do that.

Konstantin Stadler (NTNU):

- Finalized EXIOBASE 3
- Method paper describing EXIOBASE compilation accepted at JIE
- EXIOBASE will be open access (after embargo period), not quite clear yet about derivatives, but it will definitely be share alike.
- Continue work on pymrio - webinar about use probably in Mid January, same time a peer reviewed publication of the software is planned.

Stefano Merciai (2.-0 LCA):

- Improve the EXIOBASE HSUTs algorithm, introducing new optimization procedures and bug fixing for version 3.

Tair Bilyalov (Circle Economy)

- We are building an online dashboard that measures a city's performance in the circular economy and is comprised of a number of interactive digital gauges, some of which will employ the EXIOBASE database (material flow analysis, waste production, material requirement, ...).
- We are looking to pull input-output data for the material flow analysis (preferably on a city-level), and are at the same time interested in environmental extensions concerning waste and (embedded) emissions for other indicators.
- On the infrastructure side we have migrated EXIOBASE 3.3.11 from Excel into an online relational database and we are exploring possibilities to enable various local parties to upload, correct, or add data to keep it accurate and up to date.

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