

Database notes – Agribalyse v.3.1.1

(January 16th, 2024)

For database pack from openLCA Nexus, <https://nexus.openlca.org/>

General notes (for any data pack from Nexus): This is a zolca file which is basically a compressed openLCA database. To use it in openLCA, either **restore** it (right-click in openLCA navigation panel → Restore database; main menu function: Database → Restore database); this will recreate the database in openLCA, as new database. **Or, import it into an existing** database which is already open in openLCA (then right-click on the open database → import → import entire database). This allows you to combine different databases and Nexus data packs.

Specific notes for this database: The Agribalyse database offers fully interlinked unit process supply chains for nearly all products present. This database offers corrections to the previous version, 3.1. It comprises LCIs for 2 600 agricultural and food products produced and/or consumed in France, combining a production-based approach and a consumption-based approach. For imported products, Agribalyse 3.1.1 relies on Ecoinvent and WFLDB data. Some of these are present as system processes.

Database can be combined with:

Inventory: The database has openLCA's reference flow system, so it can be used with databases that also have this reference flow system. openLCA LCIA method package should be used in this case.

Impact Assessment: The database already has the openLCA LCIA method package v.2.3.3 inside. The EF 3.1 LCIA Method is recommended by Agribalyse for its use. Our method package is constantly being updated, we recommend you download the latest version from Nexus (<https://nexus.openlca.org/database/openLCA%20LCIA%20methods>).

Data quality systems: non are provided directly. Can import or create your own.

End-of-life modeling: Wastes are modelled using material flow logic approach in openLCA. For detailed information, refer to our document on nexus.openlca.org.

Memory allocation: This database should not cause problems whilst calculating. Still, you can allocate more memory following File → Settings → Configuration → Increase the maximum memory usage in MB.