Short guide to using the photovoltaic case study

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1 Download

Obtain the photovoltaic case study from openLCA's download section:

http://openlca.org/Resources-download.6.0.html

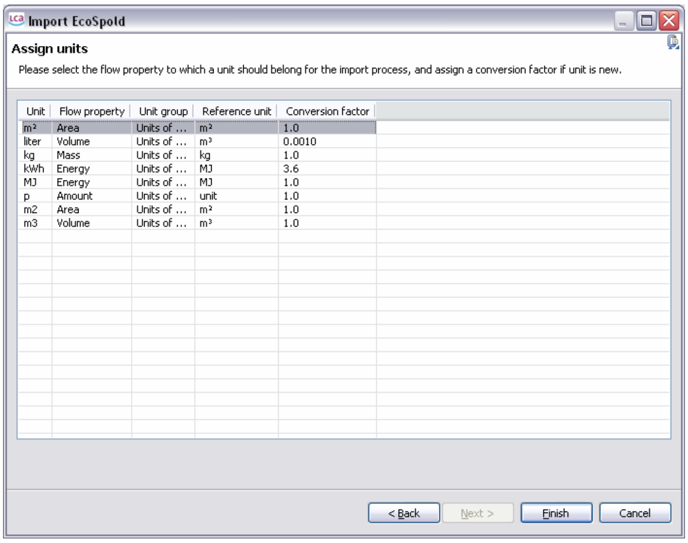
http://openlca.org/uploads/media/photovoltaic_example.zip

Simply store the zip archive on your computer.

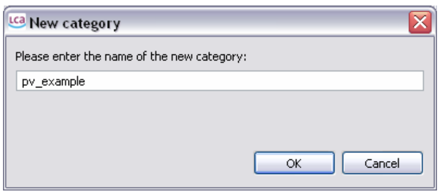
2 Import the case into openLCA

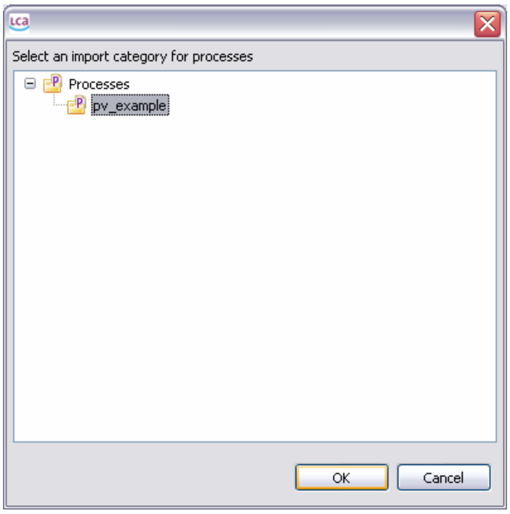
In order to import the case into openLCA, run openLCA, connect to a new database or to an existing one, and import the zip archive photovoltaic_example.zip into openLCA, as EcoSpold.

The archive will be parsed, and you will need to assign some units, as follows:

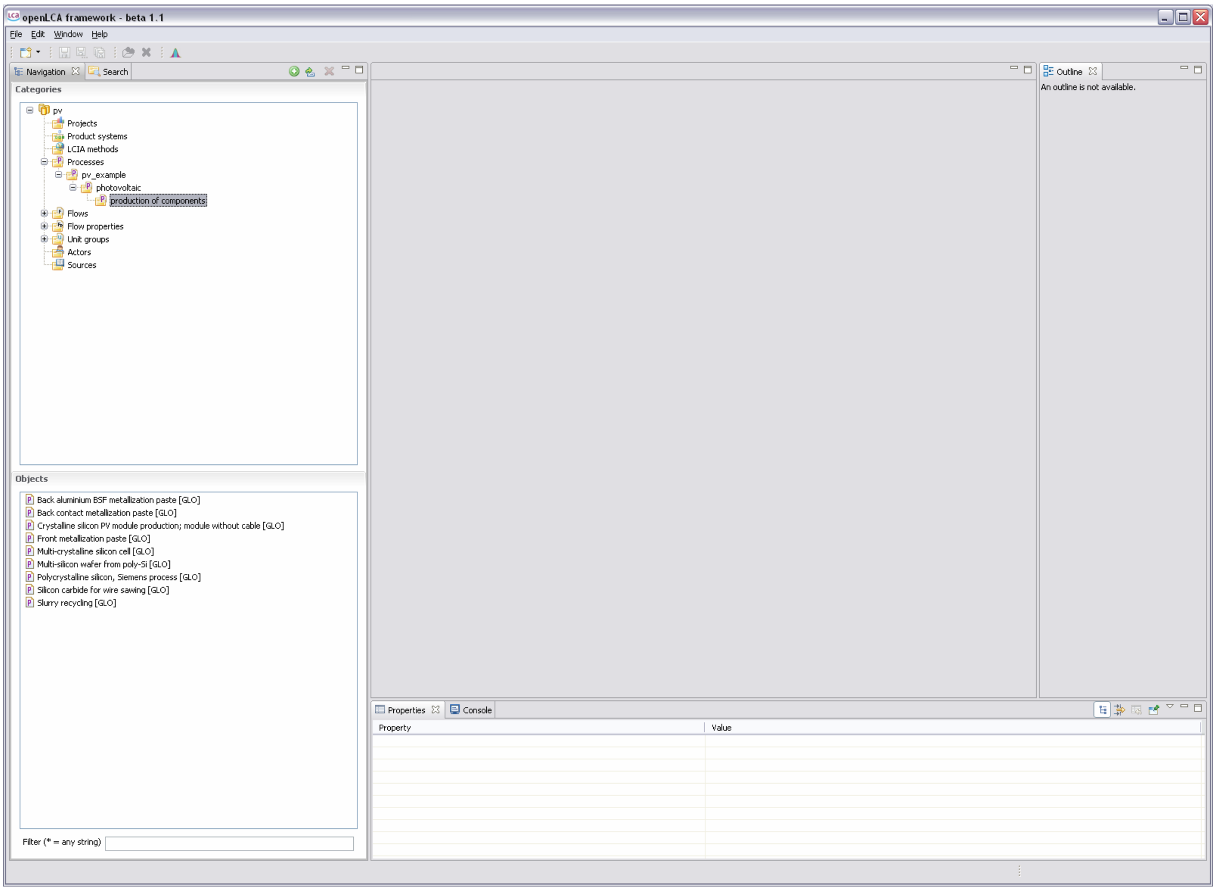


You can create a new process category to store the photovoltaic case in; left click on the process category, and enter a new category name:



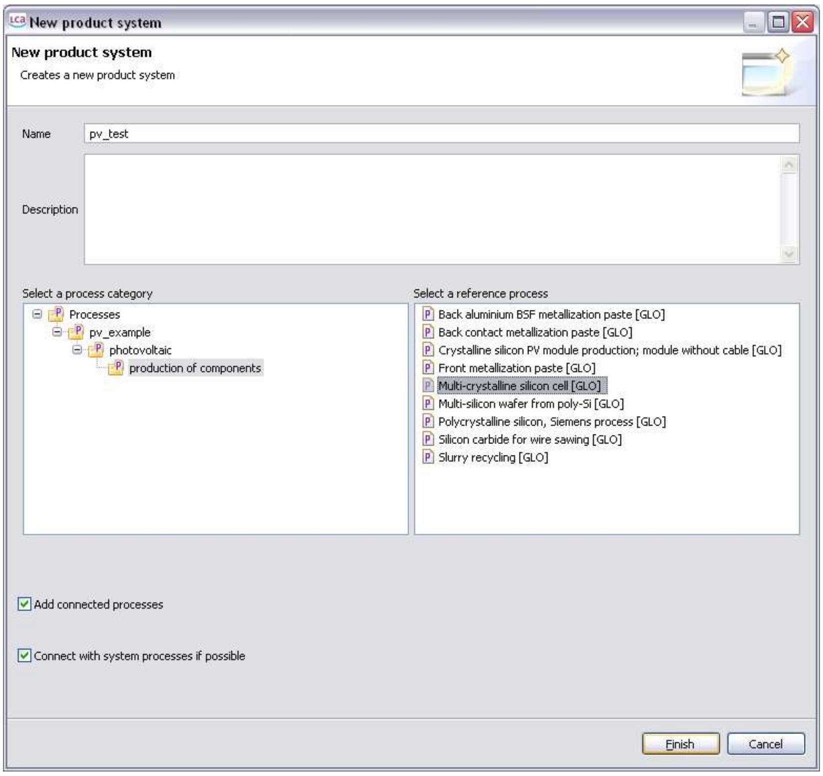


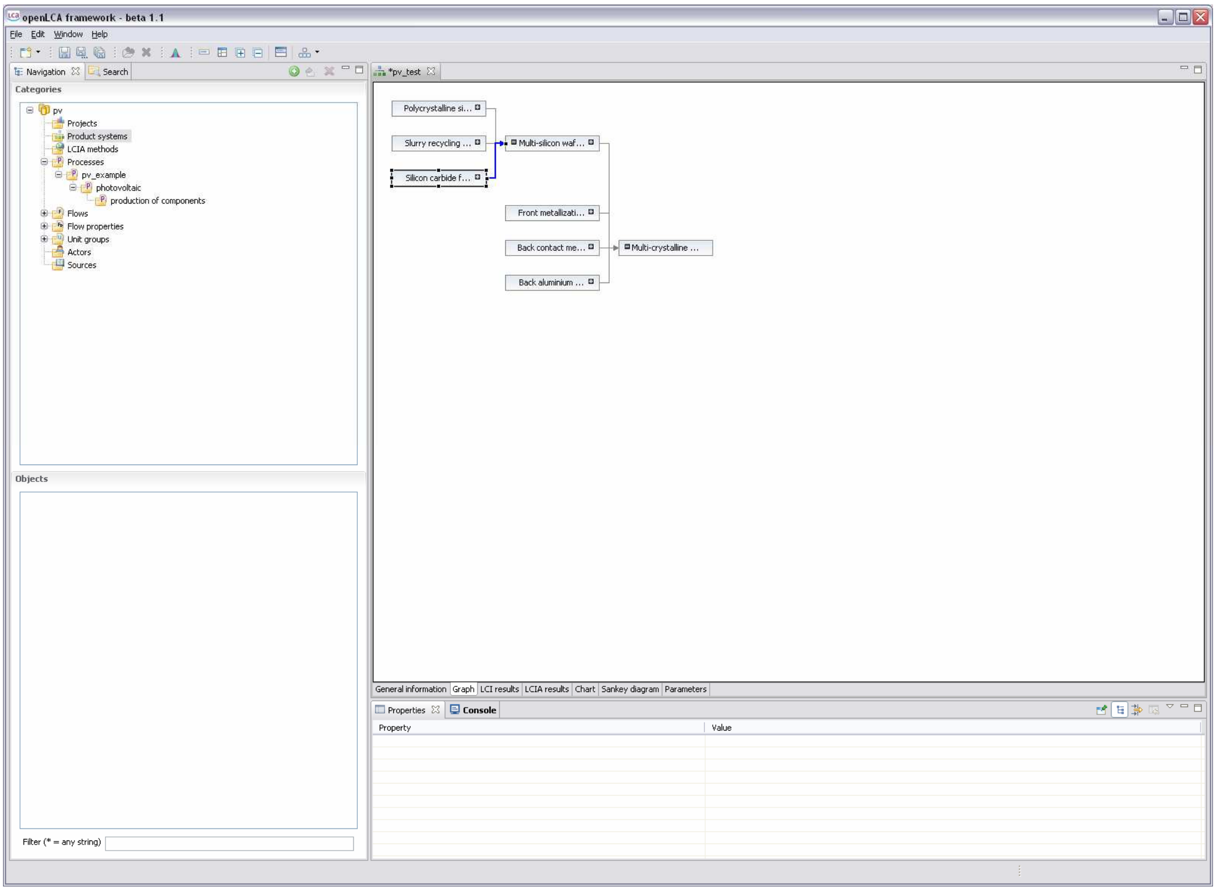
The processes will then be imported, and stored in the newly created category.



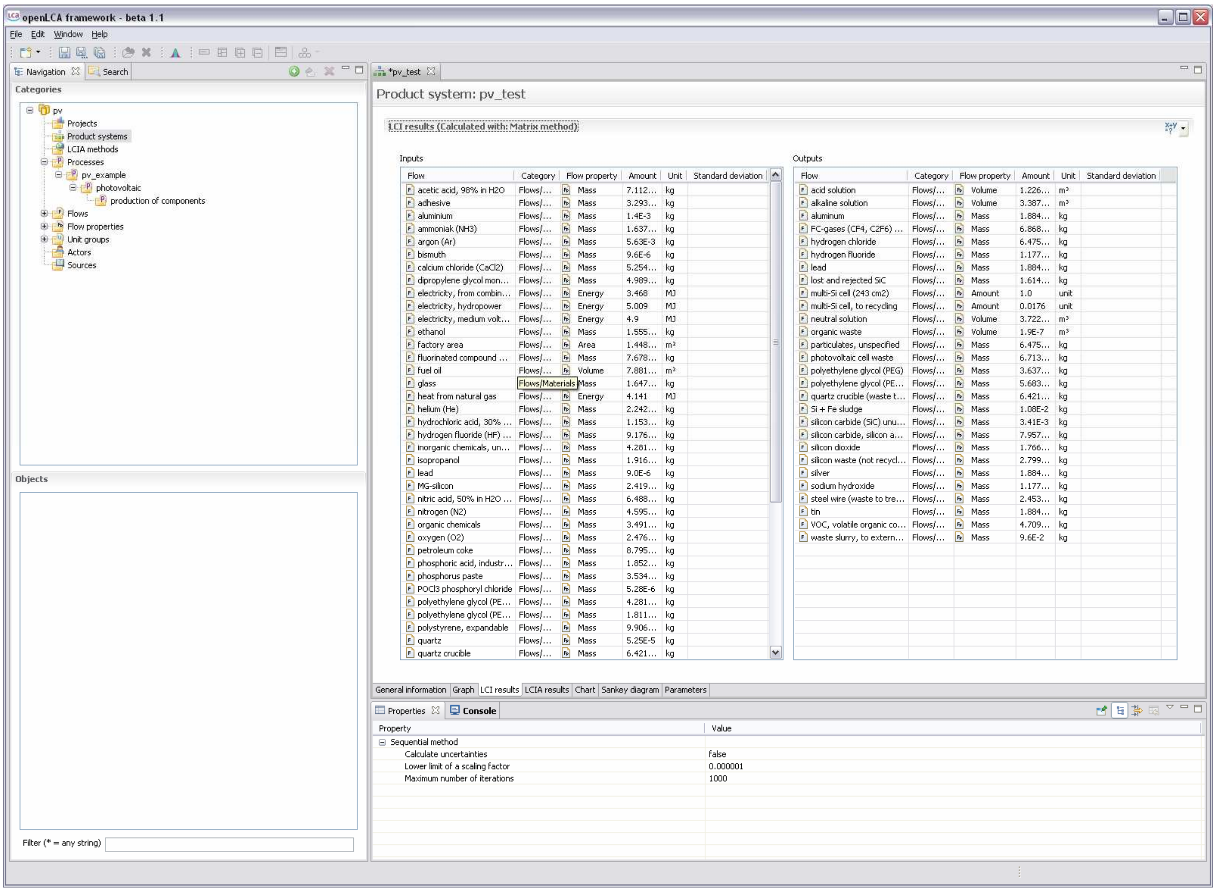
3 Create a product system and calculate a case study

In order to calculate an inventory, you need to create a product system. If you select the silicone cell as reference,





.. you will obtain a system as shown above. You can then calculate the inventory of the system:



In order to calculate LCIA results, you will need LCIA methods that you can either import or create on your own.