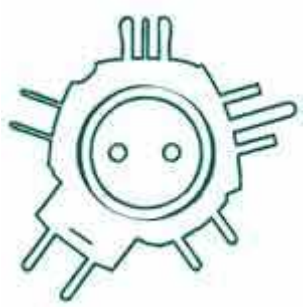
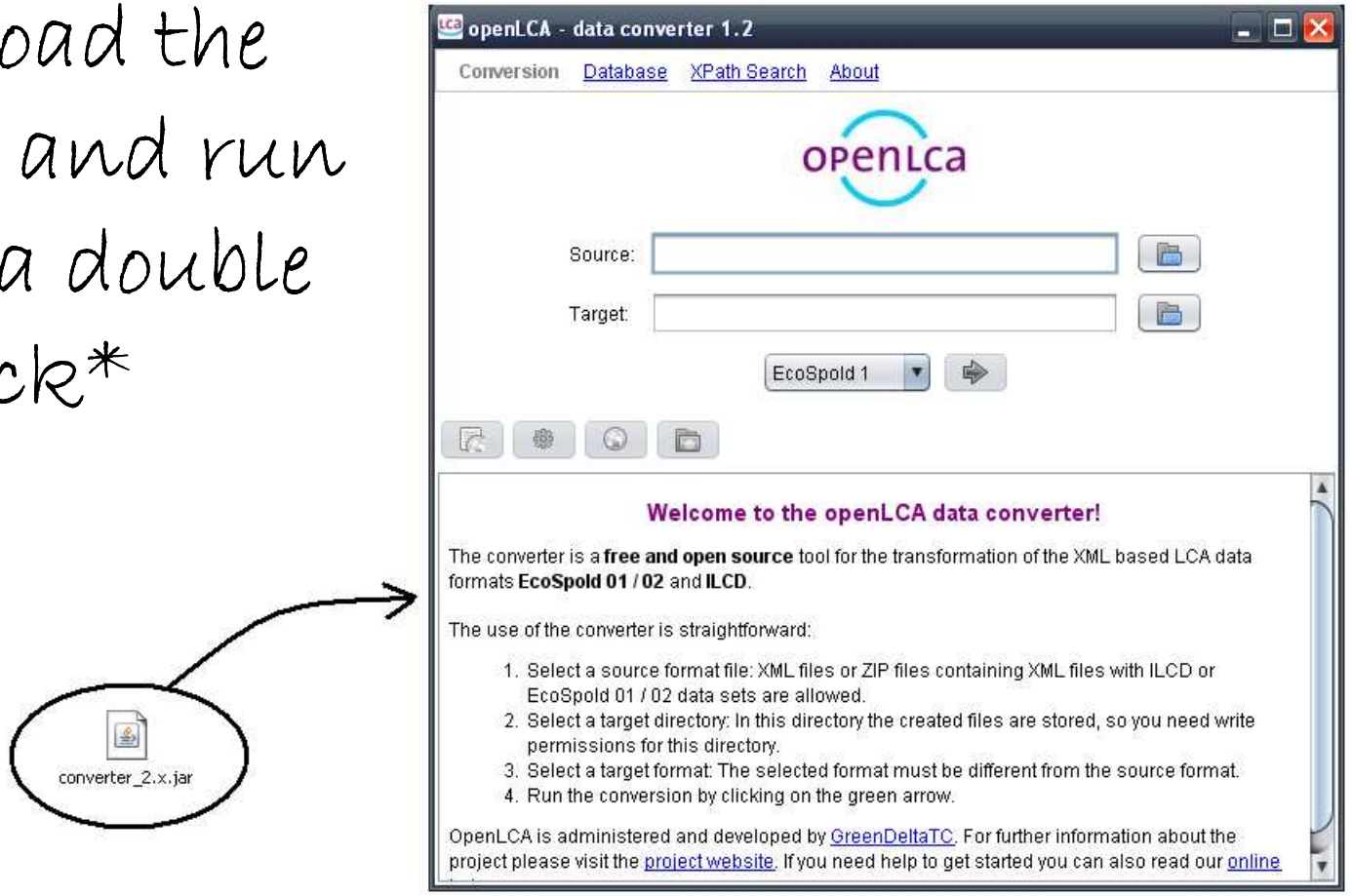
How to use the openLCA converter 2.0?



download the JAR file and run it with a double click*



*requires that you have Java installed (http://java.com)


converter_2.x.jar

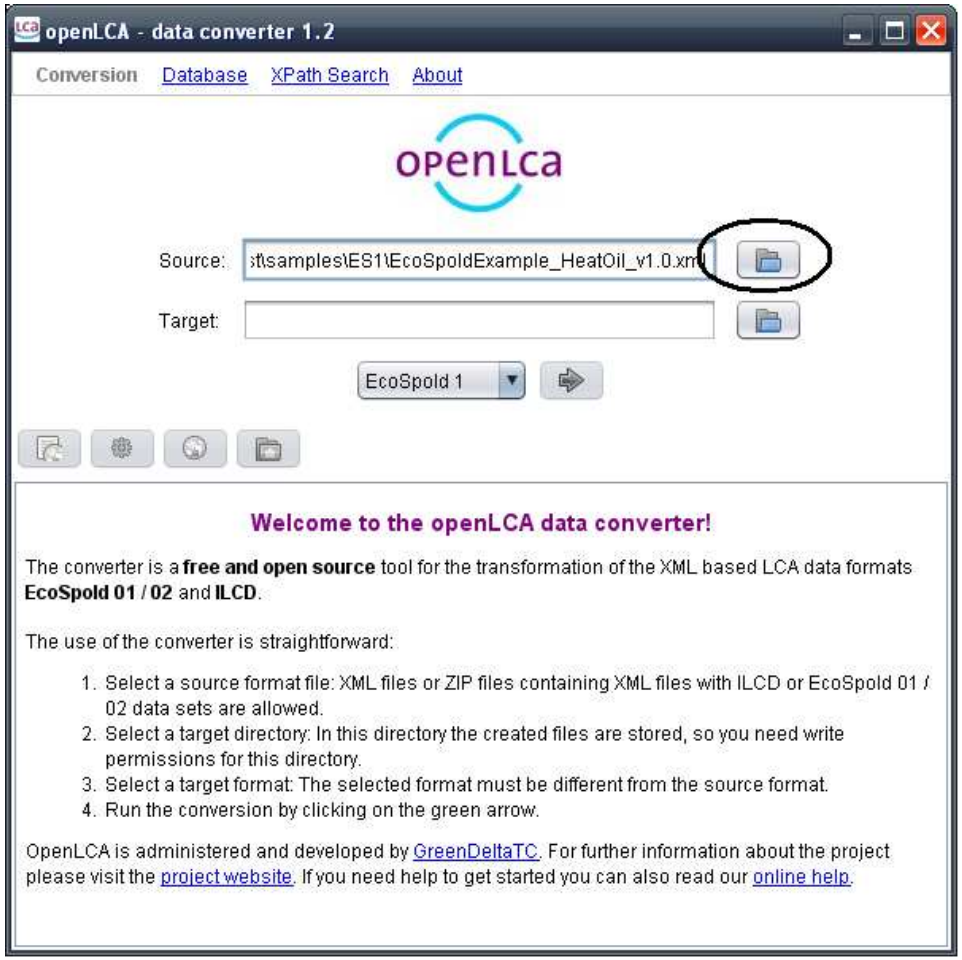

database


templates

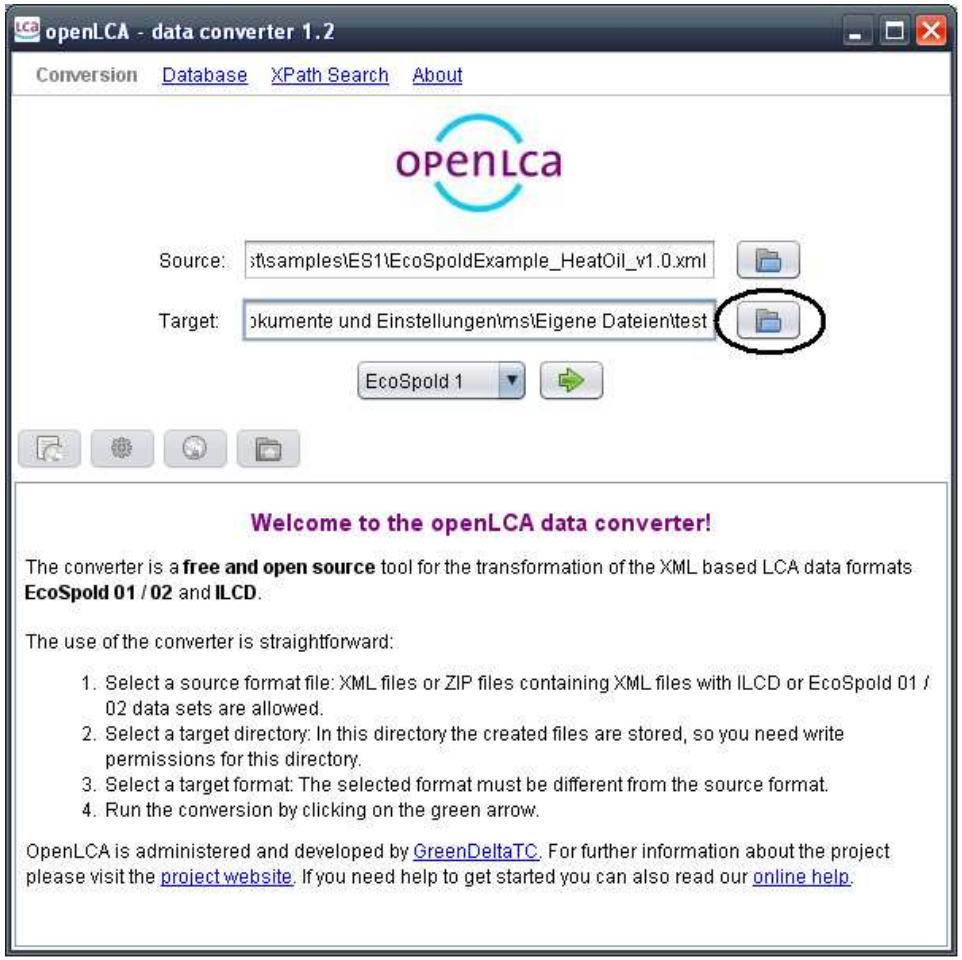
Starting the first time, the converter extracts a database and a template folder

Convert a dataset

Select a source file

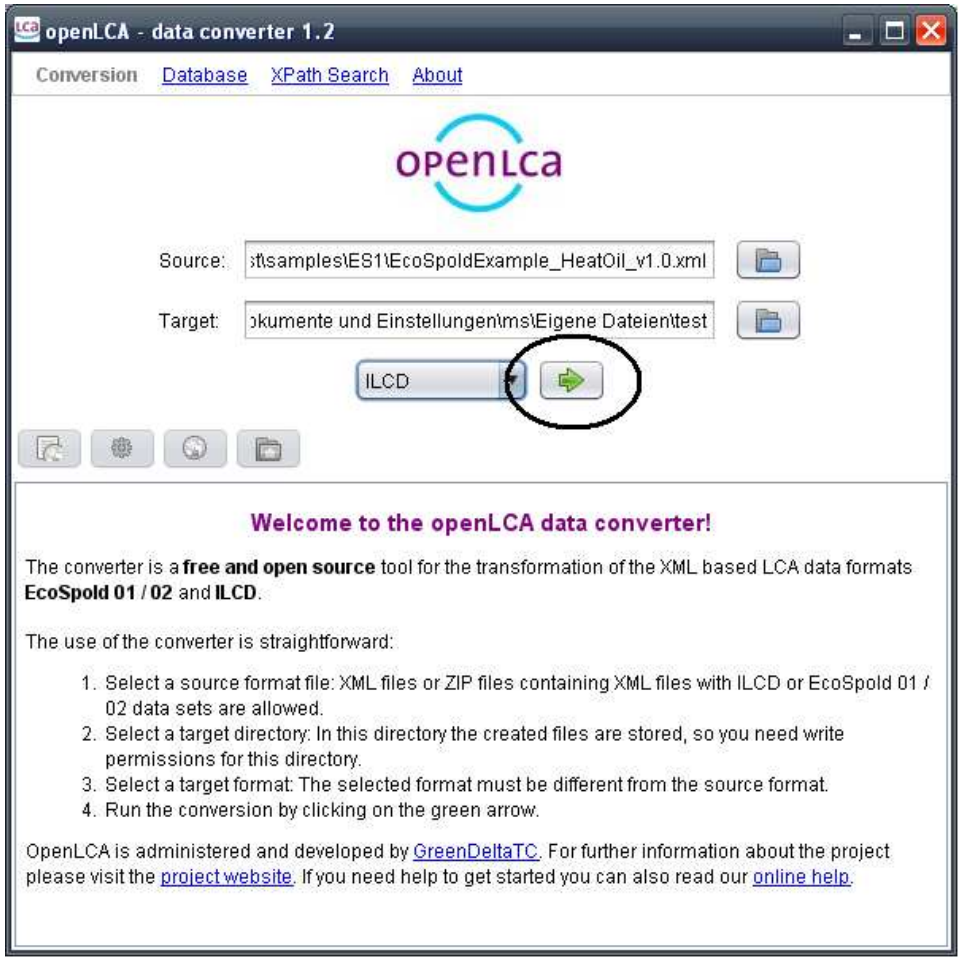


Select a target file



Select a target format

Run the conversion

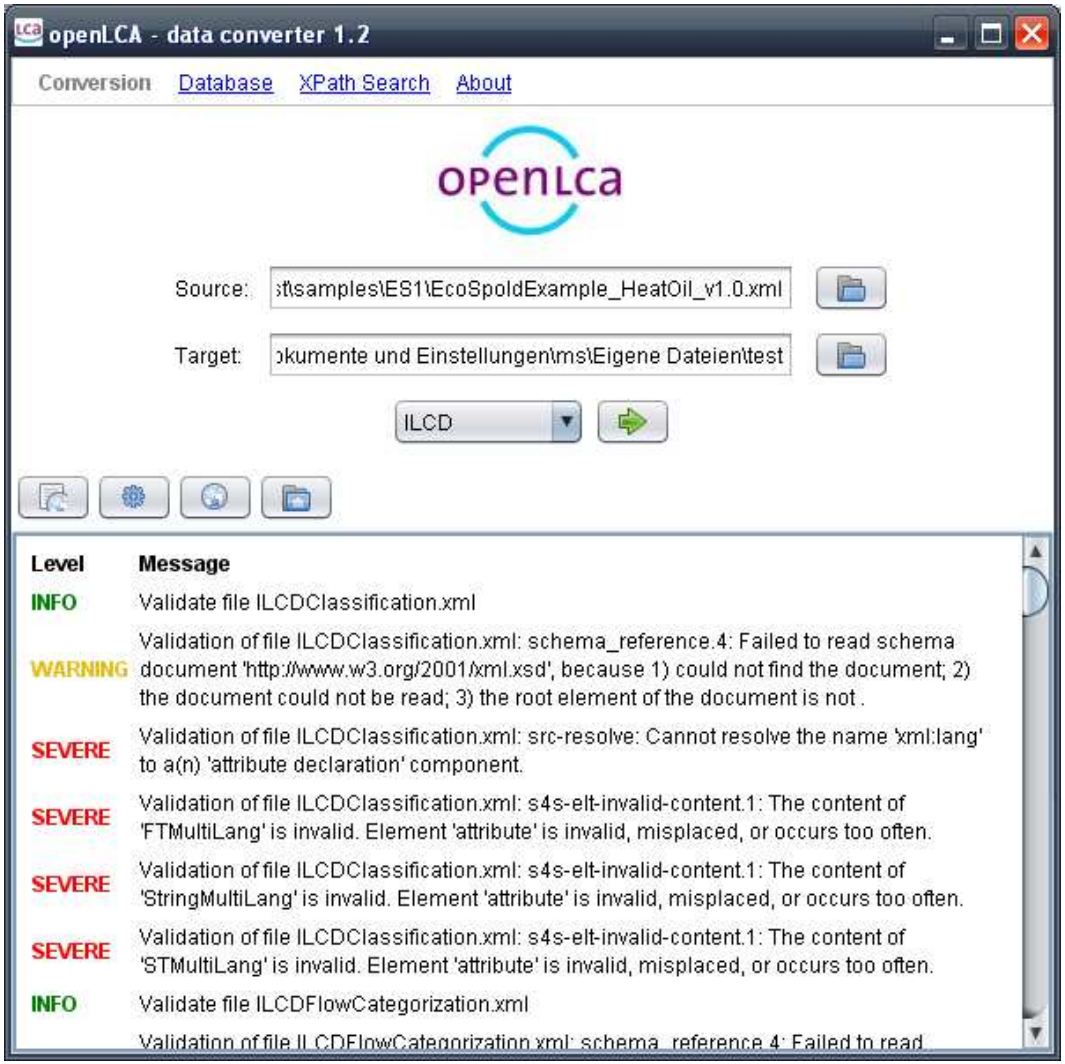


The converter creates XML files and one HTML file with links to these XML files: the conversion index

You can view the XML files in the converter (you can go back to the conversion index by clicking on the index button)

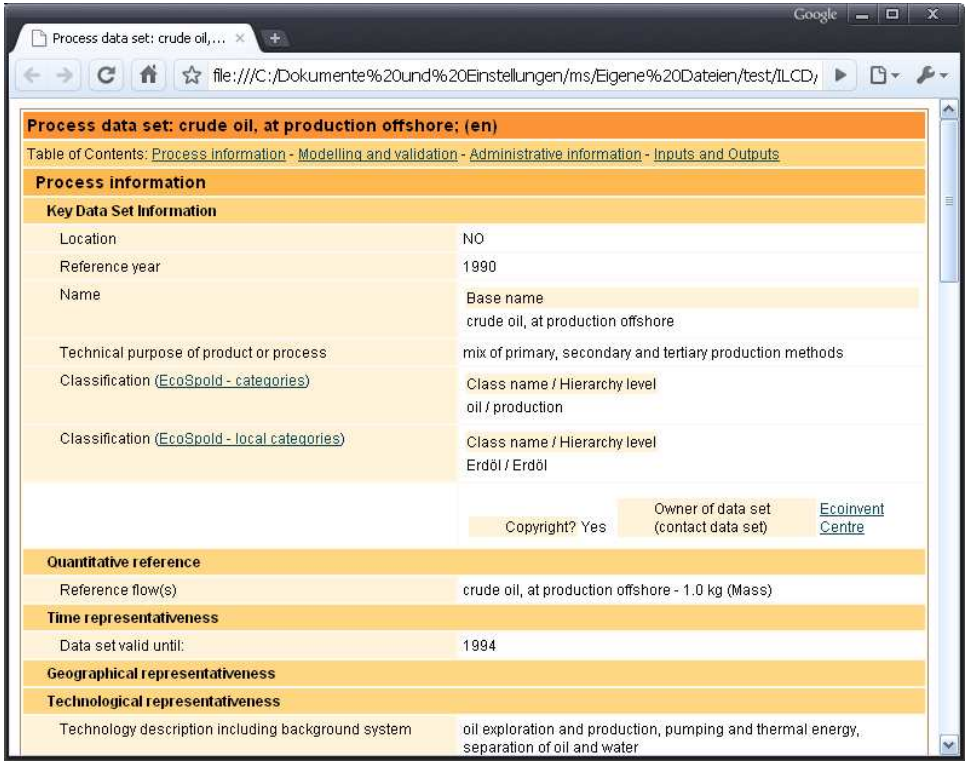
You can validate the created XML files against their schemas...

… and the converter creates a validation report



Additionally, you can open the index file in your browser or you can jump into the folder with the created content with the browser and file system button

If the format and your browser support XML style-sheets you can get a more user friendly view on the data set



What to do with the conversion output?

Pure technical conversion is limited.

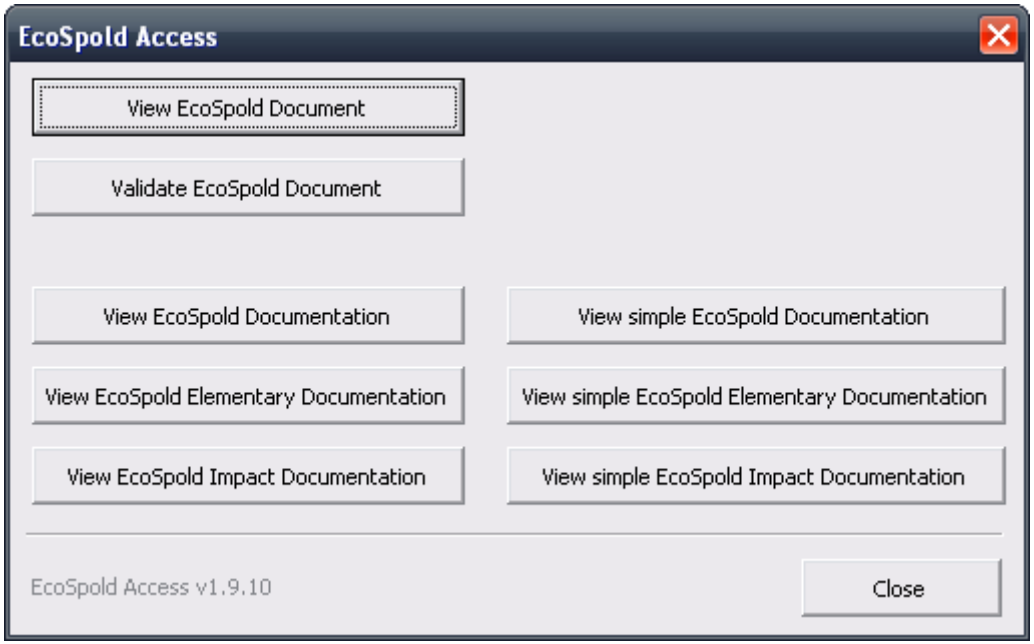
You should check and may edit the dataset before using it.

There are free editors, provided by the respective format authors, for doing this!

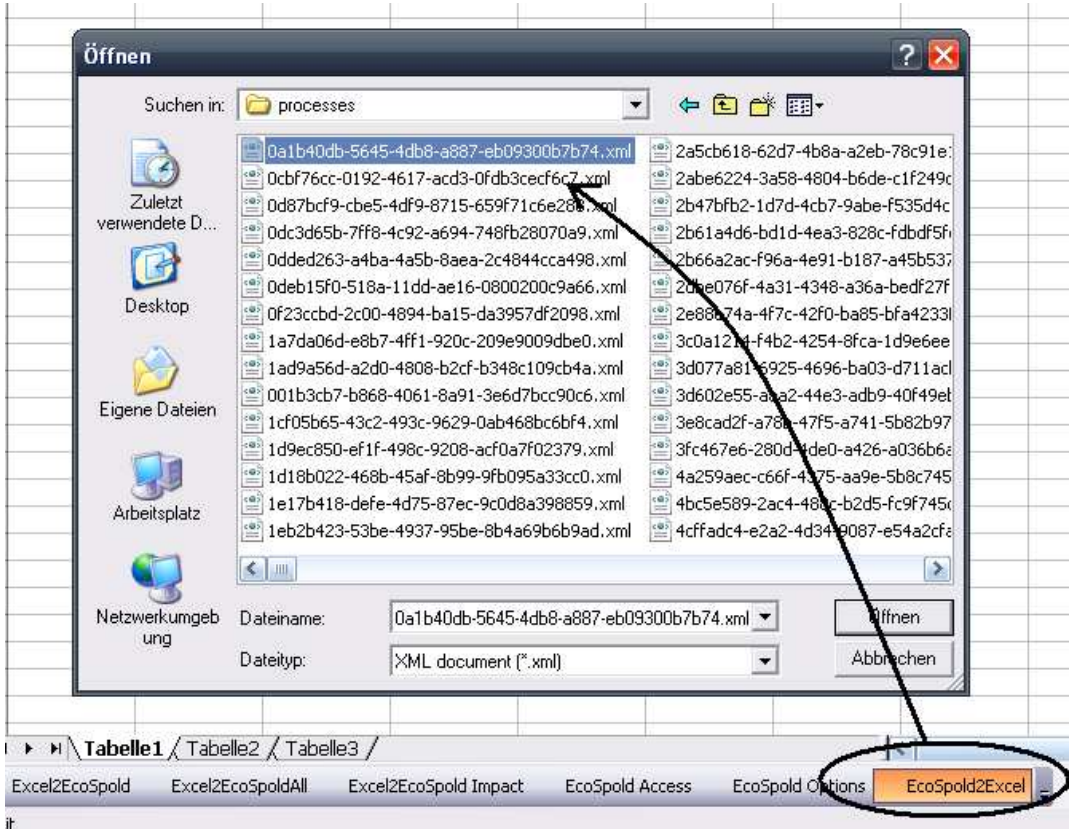
Edit EcoSpold 01 data sets

Get EcoSpoldAccess from

http://www.ecoinvent.org/database/ecospold-data-format/ecospoldaccess/



Click on 'EcoSpold2Excel' and open an EcoSpold 01 process data set



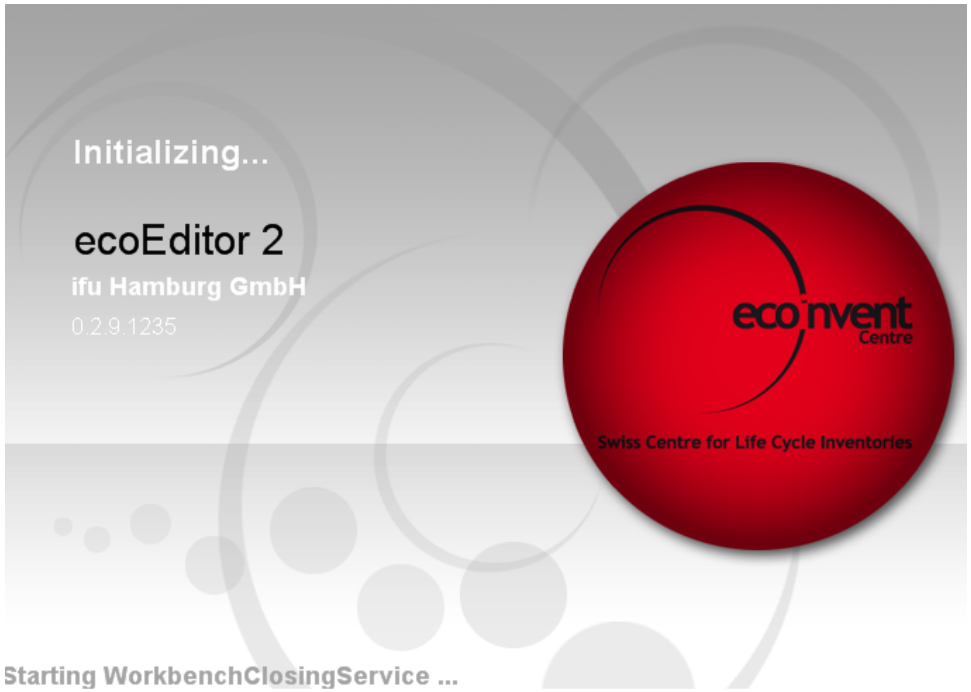
The result should look like this

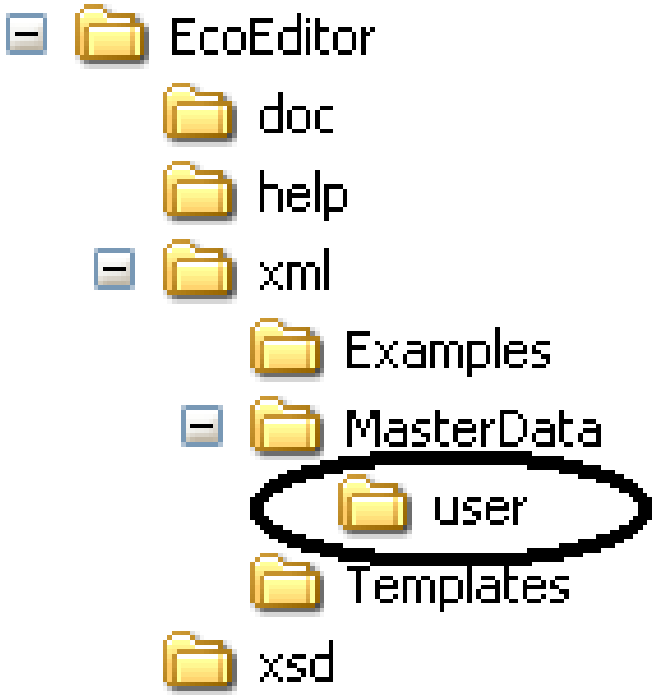
	A	B	C	D	E	F	G	H	I	J	K	L	M
1													
2			ID	3503	3504	3702	3703	3506	3507	3508	3706	3707	
3		Explanations	401	Input-Group	Output-Group	Name	Location	Category	Sub-Category	Infrastructure-Process	Unit	electricity mix	
4			662			Location						EU-27	
5			493			InfrastructureProcess						0	
6			403			Unit						MJ	
7		resource, in air		4		air		resource	in air		kg	2,74E+0	
8				4		Energy, kinetic (in wind), converted		resource	in air		MJ	1,13E-1	
9				4		Energy, solar, converted		resource	in air		MJ	9,76E-2	
10				4		oxygen		resource	in air		kg	-7,29E-3	
11				4		nitrogen		resource	in air		kg	3,37E-10	
12				4		Carbon dioxide, in air		resource	in air		kg	1,01E-2	
13		resource, in ground		4		barium sulfate		resource	in ground		kg	5,54E-14	
14				4		baryte		resource	in ground		kg	1,91E-4	
15				4		Basalt, in ground		resource	in ground		kg	6,52E-4	
16				4		Aluminium, 24% in bauxite, 11% in crude ore, in ground		resource	in ground		kg	3,92E-6	
17				4		Clay, bentonite, in ground		resource	in ground		kg	7,93E-5	
18				4		Coal, brown, in ground		resource	in ground		kg	1,31E+0	
19				4		Calcite, in ground		resource	in ground		kg	6,12E-3	
20				4		calcium chloride		resource	in ground		kg	5,67E-12	
21				4		chromium		resource	in ground		kg	4,20E-7	
22				4		Clay, unspecified, in ground		resource	in ground		kg	4,11E-5	
23				4		Colemanite, in ground		resource	in ground		kg	3,00E-7	
24				4		copper		resource	in ground		kg	5,42E-7	
25				4		Oil, crude, in ground		resource	in ground		kg	6,83E-1	
26				4		Dolomite, in ground		resource	in ground		kg	2,22E-8	
27				4		Fluorspar, 92%, in ground		resource	in ground		kg	2,79E-8	
28				4		gold		resource	in ground		kg	2,31E-12	
29		resource, in water		4		Water, salt, sole		resource	in water		m3	1,01E-3	
30		resource, in ground		4		Gypsum, in ground		resource	in ground		kg	2,09E-5	
31				4		Coal, hard, unspecified, in ground		resource	in ground		kg	2,03E+0	
32				4		Metamorphous rock, graphite containing, in ground		resource	in ground		kg	2,08E+0	
33				4		iron		resource	in ground		kg	9,22E-5	
34				4		Kaolinite, 24% in crude ore, in ground		resource	in ground		kg	5,39E-7	

Edit EcoSpold 2 datasets

Get the new ecoEditor from

http://www.ecoinvent.org/ecoinvent-v3/ecoeditor-v2/





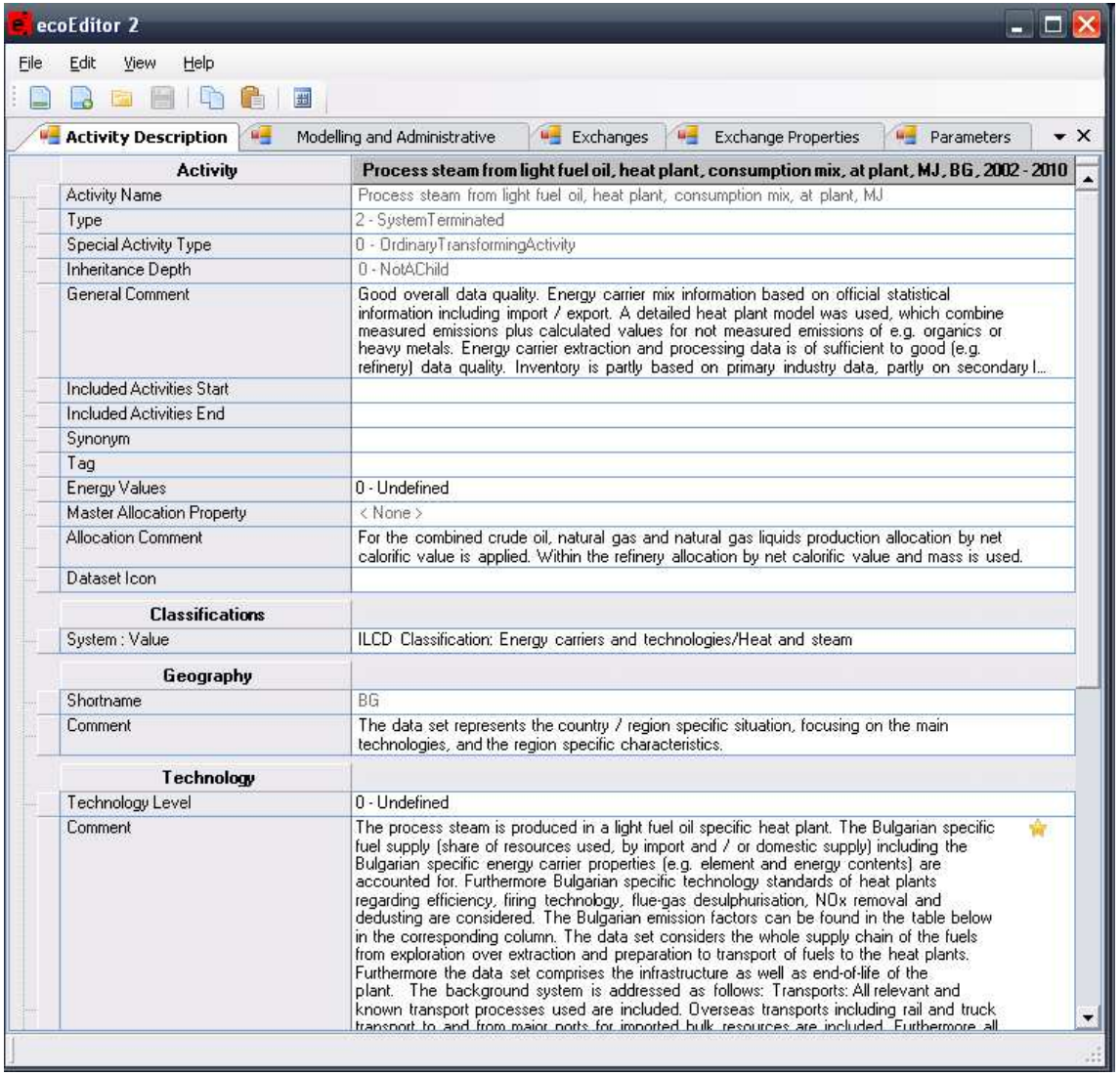
AFTER BACKUP,

replace the files under the folder

xml/MasterData/users

of your ecoEditor installation...

... with the files from Content/MasterData of the conversion output

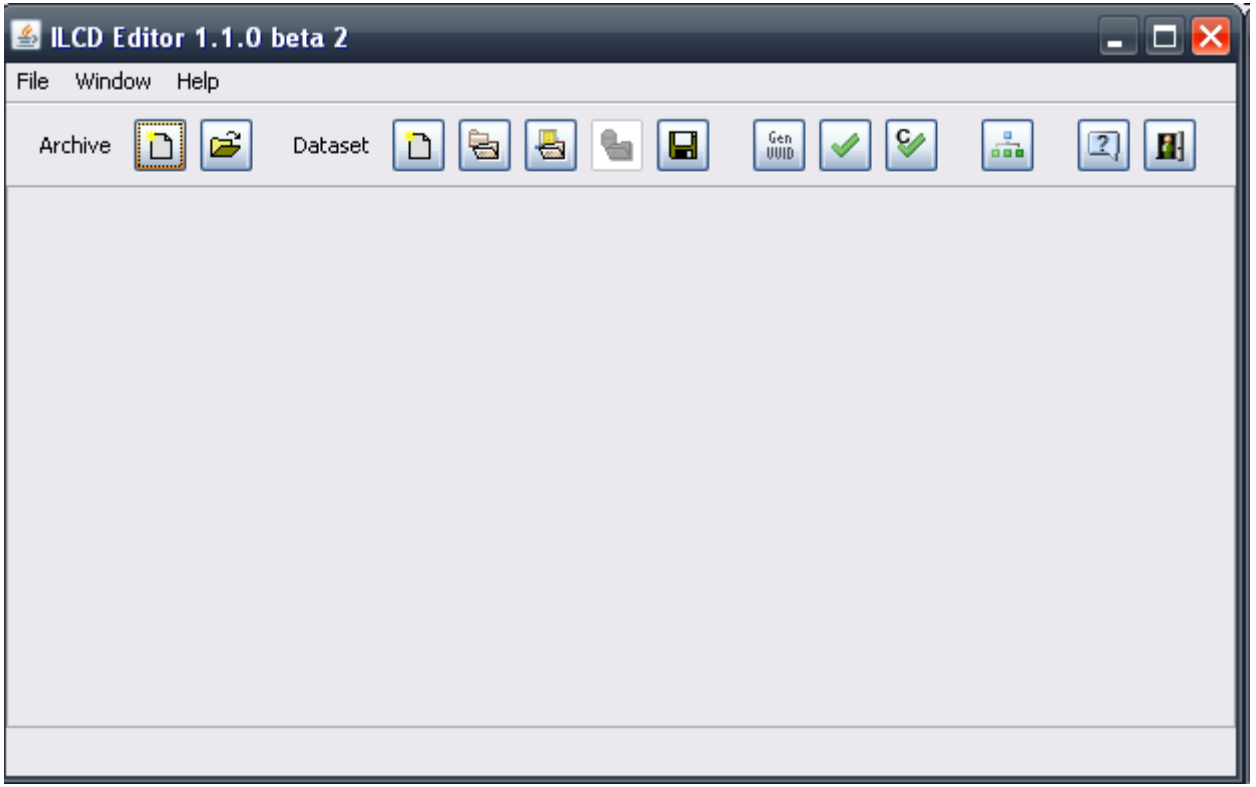


Then, after a restart, you can open the activity data sets of the Content folder with the ecoEditor

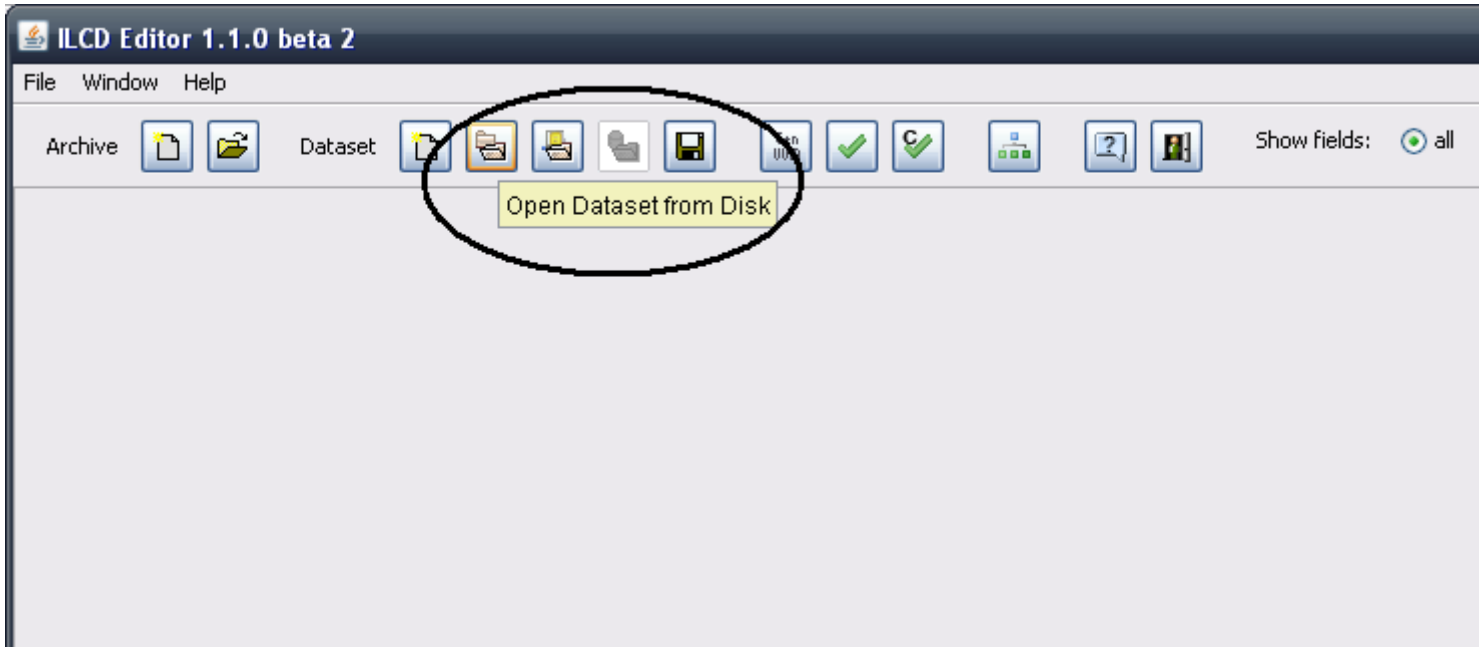
Edit ILCD datasets

Get the new ILCD Editor from

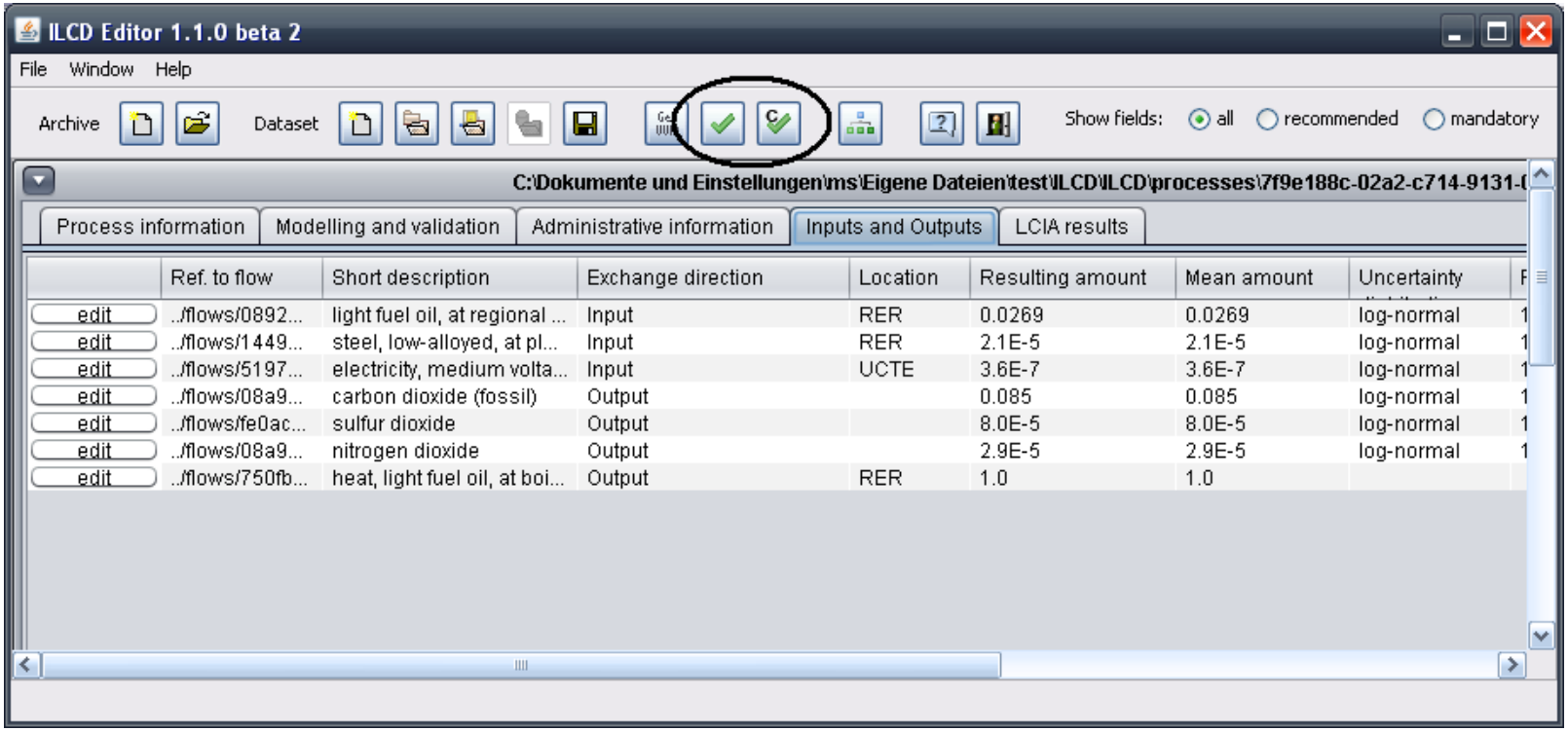
http://lct.jrc.ec.europa.eu/assessment/tools



You can open and edit created data sets with the function 'Open Dataset from Disk'



You can edit a dataset and check the ILCD conformity...



You can also pack the created ILCD folders and use it as an ILCD archive

More information at openlca.org