

# Mapping file

for conversion from openLCA reference elementary flow list  
to the U.S. Federal LCA Commons Elementary Flow List (FEDEFL)



Prepared with openLCA 1.10.3

Date: July 1<sup>st</sup>, 2020

Prepared by:

Ashley Edelen (ERG), Troy Hottle (ERG), Ben Young (ERG), Sarah Cashman (ERG), Wesley Ingwersen (U.S. EPA), Michael Srocka (GreenDelta), Andreas Ciroth (GreenDelta)



GreenDelta



## Acknowledgements

The U.S. Environmental Protection Agency, through its Sustainable and Healthy Communities Research Program, funded and conducted the research described herein with the support of Eastern Research Group, Inc. (ERG) through EPA Contract Number EP-C-16-015, and GreenDelta, through EPA Contract Number EP-C-15-012.

## Disclaimer

This document has been reviewed in accordance with U.S. Environmental Protection Agency policy and approved for publication. Any mention of trade names or commercial products does not constitute endorsement or recommendations for use.

---

## Link to the mapping file download

[www.openlca.org/wp-content/uploads/2020/06/openLCA\\_flows\\_w\\_mappings.zip](http://www.openlca.org/wp-content/uploads/2020/06/openLCA_flows_w_mappings.zip)

## Description

This file can be used to convert databases with the openLCA reference elementary flow list to the U.S. Federal LCA Commons Elementary Flow List (FEDEFL) for use with datasets published on [lccommons.gov](http://lccommons.gov).

Additional information on the FEDEFL can be found in a report describing the background and structure of the list ([https://cfpub.epa.gov/si/si\\_public\\_record\\_Report.cfm?dirEntryId=347251&Lab=NRMRL](https://cfpub.epa.gov/si/si_public_record_Report.cfm?dirEntryId=347251&Lab=NRMRL)). The project GitHub site includes a section on working with the FEDEFL in openLCA (<https://github.com/USEPA/Federal-LCA-Commons-Elementary-Flow-List/wiki/FEDEFL-in-openLCA>) and additional information on flow mapping for openLCA can be found here (<https://www.openlca.org/flow-mapping-feature/>).