Impact Assessment Method Log file

openLCA IA method v.2.0.4 vs v.2.0.4_1

Version 2.0.4_1 (release on October 24th, 2019) includes:

- addition of about 100 flows in the two EPS 2015 methods (EPS 2015d and EPS 2015dx) in the category 'Depletion of abiotic resources';
- correction to normalization and weighting factors (in EF, CML-baseline, CML non-baseline, CED, CED (LHV), CExD, Environmental prices, EPS, ILCD);
- EPS 2015d and EPS 2015dx: besides the complete set of weights (or damage factors), six additional set have been added, i.e., one for each of the damage category (Ecosystem Service, Access to water, Biodiversity, Building technology, Human health, Abiotic resources). The user can obtain single indicators by summing the 'weighted' results.

*Table 1. summary of the methods included in the openLCA pack v.2.0.4 (if the "Last version" field includes an *, it means that the version has not been explicitly found in the method provider website)*

Method	MIDPOINT or ENDPOINT	normalization	weighting	Last version	release	vs IA pack v.2.0.3
AWARE	midpoint	NO	NO	1.2	2017	NEW
BEES+	midpoint	YES	YES	4.0	2007	UPDATED
Berger et al 2014 (Water Scarcity)	midpoint	NO	NO	1	2014	-
Boulay et al 2011 (Human Health)	endpoint	NO	NO	1	2011	-
Boulay et al 2011 (Water Scarcity)	midpoint	NO	NO	1	2011	-
CML - baseline	midpoint	YES	NO	4.7	2016	-
CML - non-baseline	midpoint	YES	NO	4.7	2016	-
Cumulative Energy Demand	midpoint	NO	YES	1*	2003	UPDATED
Cumulative Energy Demand (LHV)	midpoint	NO	YES	1*	2018	NEW
Cumulative Exergy Demand	midpoint	NO	YES	1*	2010	-
Ecological Scarcity 2006 (Water Scarcity)	midpoint	NO	NO			-
Ecological Scarcity 2013	midpoint	NO	YES	1*	2013	UPDATED
Ecosystem Damage Potential	endpoint	NO	YES	1	2007	-
EDIP 2003	midpoint	YES	YES	1*	2003	-
EF methods (adapted) - v.2	midpoint	YES	YES	2.0	2019	NEW
Environmental Prices	midpoint	NO	YES	1	2018	NEW
EPD (2018)	midpoint	NO	NO	1	2018	UPDATED
EPS 2015d	endpoint	NO	YES	1	2015	-
EPS 2015dx	endpoint	NO	YES	1	2015	-
Greenhouse Gas Protocol	midpoint	NO	YES	1*	2015	-
Hoekstra et al 2012 (Water Scarcity)	midpoint	NO	NO	1*	2002	-
ILCD 2011 Midpoint+	midpoint	YES	YES	1.0.9	2016	-
IMPACT 2002+	midpoint	YES	YES	Q2.21	2012	UPDATED
IPCC 2013 GWP 100a	midpoint	NO	NO	1*	2013	-
IPCC 2013 GWP 20a	midpoint	NO	NO	1*	2013	-
Motoshita et al 2010	endpoint	NO	NO	1*	2010	-
Pfister et al 2009 (Eco-indicator 99)	endpoint	NO	NO	1*	2009	-
Pfister et al 2009 (Water Scarcity)	midpoint	NO	NO	1*	2009	-
Pfister et al 2010 (ReCiPe)	endpoint	NO	NO	1*	2010	-
ReCiPe 2016 - Endpoint (E)	endpoint	YES	YES	1.1	2016	UPDATED
ReCiPe 2016 - Endpoint (H)	endpoint	YES	YES	1.1	2016	UPDATED
ReCiPe 2016 - Endpoint (I)	endpoint	YES	YES	1.1	2016	UPDATED
ReCiPe 2016 - Midpoint (E)	midpoint	YES	NO	1.1	2016	UPDATED
ReCiPe 2016 - Midpoint (H)	midpoint	YES	NO	1.1	2016	UPDATED
ReCiPe 2016 - Midpoint (I)	midpoint	YES	NO	1.1	2016	UPDATED
Selected LCI results	midpoint	NO	NO	1*	2007	-
Selected LCI results, additional	midpoint	NO	NO	1*	2007	-
TRACI 2.1	midpoint	YES	NO	2.1	2013	UPDATED
USEtox 2 (recommended + interim)	midpoint	NO	NO	2.02	2016	-
USEtox 2 (recommended only)	midpoint	NO	NO	2.03	2016	-