

**Table 1:** Short list of proposed metadata descriptors that should be available in process datasets to join the GLAD platform (Working Group 3: Core meta-data descriptors and guidance on populating descriptors)

#	Metadata descriptor name	Definition	Scope	Type*	Data created by**	Descriptor segment	Comment / Example
0	Dataset identification						
a	Process name	General descriptive name of the process and/or its main good(s) or service(s) and/or its level of processing.	Dataset	Ad	DaP	Value	Example: corn grain; average tillage practice mix; at farm; 15% moisture  The dataset name ideally conforms to a harmonized nomenclature convention which could be specified in the GLAD nomenclature group. An example could be:  Base name; treatment, standards, routes; mix and or location type; quantitative product or process properties
b	Process type	Unit process or aggregated process	Dataset	Ad	DaP	Value	
I	Goal and scope						
d	Reference model completeness	Targeted coverage of inputs and outputs in the dataset	Dataset	Fl	DaP	Goal	In terms of numbers of flows and /or a complete coverage of the amounts, leading to a complete mass and / or energy balance
e	Reference sample representativeness	Targeted sample representativeness, in line with the foreseen sampling approach	Dataset	Fl	DaP	Goal	The intended sampling approach is If)
f	Intended sample approach	Scientific or expert-based sampling	Dataset	Fl	DaP	Goal	Or: expert judgement as default
<u>IV</u>	<u>Life cycle and model</u>						
a	Time	Time or time period relevant	Exchange	Fl	DaP	Value	
b	Geography	Geographical area or point relevant	Exchange	Fl	DaP	Value	

#	Metadata descriptor name	Definition	Scope	Type*	Data created by**	Descriptor segment	Comment / Example
c	Technology	Technology or technology mix relevant	Exchange	F1	DaP	Value	
d	Supported LCA nomenclature system(s)	See name	Dataset	F1	DaP	Value	ILCD reference flow list, ILCD 1.1 from May 2015; Ecoinvent 3.3 master data
g	Representativeness	For science-based sampling, variation coefficient plus documentation; for expert judgement, representativeness classes estimates	Exchange	St	DaP	Value	Static descriptor since it seems always desirable to have a representative dataset
h	LCI modeling approach	Attributional or consequential modeling	Dataset	F1	DaP	Value	See also detailed format description, chapter <b>Erreur ! Source du renvoi introuvable.</b>
j	Method used to deal with multifunctional processes	Method used to assign the environmental burdens to the joint production of the reference flows.	Dataset	F1	DaP	Value	
k	Biogenic carbon	Carbon derived from biogenic (plant or animal) sources excluding fossil carbon (IPCC, 2006).	Dataset	F1	DaP	Value	
<u>V</u>	<u>Verification and quality assurance</u>						
a	Dataset review performed	See name	Dataset	F1	DaP	Value	
d	Reviewing person(s)	Person who conducted the review	Dataset	F1	DaP	Value	
<u>VI</u>	<u>Calculation</u>						
a	Aggregation type if any	For an aggregated dataset, specify how the aggregation was performed.	Dataset	F1	DaP	Value	Horizontal, along the supply chain / vertical, across several processes delivering similar products, mixed; partial or complete – so, 6 cases)
<u>VII</u>	<u>VII Administrative</u>						
a	Copyright protected dataset?	See name	Dataset	Ad	DaP	Value	
b	Copyright holder	See name	Dataset	Ad	DaP	Value	

#	Metadata descriptor name	Definition	Scope	Type*	Data created by**	Descriptor segment	Comment / Example
c	Free dataset or for purchase?	See name	Dataset	Ad	DaP	Value	
d	Dataset license	See name	Dataset	Ad	DaP	Value	
e	Dataset contact	See name	Dataset	Ad	DaP	Value	

\*Ad: administrative; St: static; Fl: flexible

\*\*DaP: data provider