ISO 21930:2017-07 (E)

Sustainability in buildings and civil engineering works - Core rules for environmental product declarations of construction products and services

Con	tents		P	age			
Forev	word			v			
Intro	duction	1		vii			
1	Scone	,		1			
_	•						
2		Normative references					
3			finitions				
4	Abbro	eviated t	erms	15			
5	General aspects						
	5.1	Objectives of this core PCR					
	5.2	-	Life cycle stages and their information modules and module D				
		5.2.1	General				
		5.2.2 5.2.3	Types of EPD with respect to life cycle stages covered	19			
			Use of scenarios for assessment of information modules beyond the	20			
	5.3	Average	production stagee EPDs for groups of similar products	20 21			
	5.4	Hverage	EPDs for construction products	22			
	5.5		rability of EPDs for construction products				
	5.6		entation				
6	DCD d	lovolonn	nent and use	24			
U	6.1		CR structure				
	6.2		n between core PCR and sub-category PCR				
	6.3		oment of sub-category PCR				
7		•					
7	PCR for LCA 7.1 Methodological framework						
	7.1	7.1.1	Overarching principles for LCA modelling and calculation				
		7.1.2	Functional unit.				
		7.1.3	Declared unit				
		7.1.4	Requirements for the use of RSL				
		7.1.5	System boundary with nature	28			
	7.0	7.1.6	System boundary between products systems	28			
		7.1.7	System boundaries and technical information for scenarios				
		7.1.8	Criteria for the inclusion and exclusion of inputs and outputs				
		7.1.9	Selection of data and data quality requirements				
		7.1.10	Units				
	7.2		Pote collection				
		7.2.1 7.2.2	Data collection				
		7.2.2	Allocation situations				
		7.2.4	Principles for allocation for both allocation situations				
		7.2.5	Allocation for co-products				
		7.2.6	Allocation between product systems (across the system boundary)				
		7.2.7	Accounting of biogenic carbon uptake and emissions during the life cycle				
		7.2.8	Carbonation				
		7.2.9	Accounting of delayed emissions				
		7.2.10	Inventory indicators describing resource use				
		7.2.11	Greenhouse gas emissions from land-use change				
		7.2.12	Additional inventory indicators describing emissions and removals of carbon	50			
		7.2.13	Inventory indicator describing consumption of freshwater				
		7.2.14	Environmental information describing waste categories and output flows	51			

	7.3	Impact assessment indicators describing main environmental impacts derived from LCA	53		
8	Additional environmental information				
	8.1	General	54		
	8.2	Additional LCA-related environmental information not included in the pre-set LCIA indicators			
	8.3	Additional environmental information not derived from or related to LCA			
	8.4	Mandatory additional environmental information	55		
		8.4.1 Content of regulated hazardous substances	55 56		
9	Content of an EPD				
	9.1	General			
	9.2	Declaration of general information	56		
	9.3	Declaration of the methodological framework	58		
	9.4	Declaration of technical information and scenarios			
		9.4.1 General			
		9.4.2 All stages — Transport			
		9.4.3 Construction stage — A5, installation			
		9.4.5 Use stage — B1 to B5			
		9.4.6 End-of-life stage — C1 to C4			
		9.4.7 Module D.			
	9.5	Declaration of environmental indicators derived from LCA			
		9.5.1 LCA results from LCIA			
		9.5.2 LCA results from LCI	61		
	9.6	Declaration of additional environmental information			
		9.6.1 References	62		
10	Project report				
	$10.\dot{1}$	General	62		
	10.2	LCA-related elements of the project report			
	10.3	Rules for data confidentiality	64		
	10.4	Documentation on additional environmental information			
	10.5	Data availability for verification			
11		ication and validity of an EPD			
Anne	ex A (no	rmative) Requirements and guidance on the RSL and ESL	66		
	-	formative) Examples of average EPDs			
		ormative) Release of dangerous substances			
Annex D (informative) Regulated substances of very high concern					
Anne	ex E (inf	ormative) Environmental indicators derived from LCA	73		
Rihli	ograph	v	78		