## ILN4S

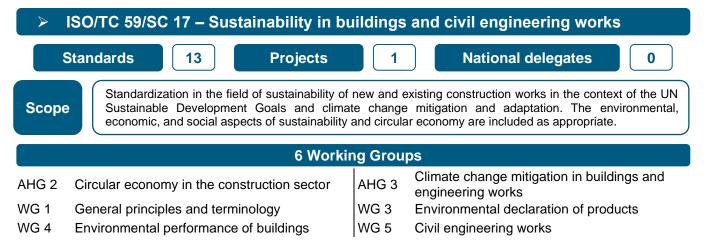
# SUSTAINABLE CONSTRUCTION

"Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs. It contains within it two key concepts: the concept of 'needs', in particular the essential needs of the world's poor, to which overriding priority should be given, and the idea of limitations imposed by the state of technology and social organization on the environment's ability to meet present and future needs."



(United Nations – Brundtland report - March 1987)

## MAIN TECHNICAL COMMITTEES ON SUSTAINABLE CONSTRUCTION STANDARDIZATION



## - European level -



6 Working Groups				
WG 1	Environmental performance of buildings	WG 3	Products Level	
WG 5	Social performance assessment of building	WG 6	Civil Engineering works	
WG 7	Framework and Coordination	WG 8	Sustainable refurbishment	

#### - International level -

#### MAIN STANDARDS ON SUSTAINABLE CONSTRUCTION

General principles and terminology				
ISO 15392:2019	General principles			
ISO 21930:2017	Core rules for environmental product declarations of construction products and services			
ISO/TR 21932:2013	A review of terminology			
ISO/TS 12720:2014	Guidelines on the application of the general principles in ISO 15392			
Environmental product declarations				
EN 15942:2021	Communication format business-to-business			
EN 17672:2022	Horizontal rules for business-to-consumer communication			
EN 15804:2012	Core rules for the product category of construction products Amended in 2019, Technical Corrigendum in 2021			
CEN/TR 15941:2010	010 Methodology for selection and use of generic data			
CEN/TR 16970:2016	Guidance for the implementation of EN 15804			
Sustainability indicators				
ISO 21929-1:2011	Part 1: Framework for the development of indicators and a core set of indicators for buildings			
ISO 21928-2:2023	Part 2: Framework for the development of indicators for civil engineering works			
Indicators and benchmarks				
ISO 21678:2020	Principles, requirements and guidelines			
Additional environmental impact categories and indicators - Background information and possibilities				
CEN/TR 17005:2016	Evaluation of the possibility of adding environmental impact categories and related indicators and calculation methods for the assessment of the environmental performance of buildings			
Framework for assessment				
EN 15643:2021	Framework for assessment of buildings and civil engineering works			
ISO 21931-1:2022	Part 1: Buildings			
ISO 21931-2:2019	Part 2: Civil engineering works			
Sustainability assessment of civil engineering works				
EN 17472:2022	Calculation methods			
	Assessment of economic performance of buildings			
EN 16627:2015	Calculation methods			
	Assessment of environmental performance of buildings			
EN 16309:2014	Calculation methods - Amended in 2014			
Evaluation of the potential for sustainable refurbishment				
EN 17680:2023	Evaluation of the potential for sustainable refurbishment of buildings			
Design for disassembly and adaptability				
ISO 20887:2020	Principles, requirements and guidance			
	Carbon metric of an existing building during use stage			
ISO 16745-1:2017	16745-1:2017 Part 1: Calculation, reporting and communication			
ISO 16745-2:2017	Part 2: Verification			
	Data templates			
EN ISO 22057:2022	Data templates for the use of environmental product declarations (EPDs) for construction products in building information modelling (BIM) (ISO 22057:2022)			



