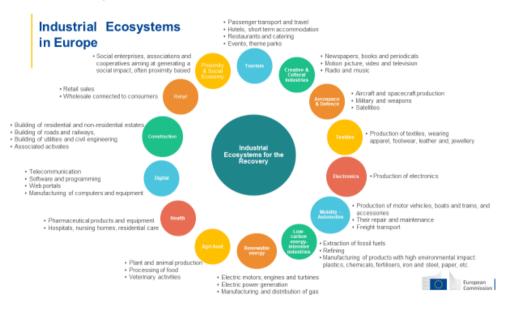


Industrial Ecosystems in Europe

Technical Mapping

The European Commission issued <u>Europe's moment: Repair and Prepare for the Next Generation (Recovery plan)</u> on 27 May 2020. Following this, DG GROW invited CEN and CENELEC to provide input on the added-value of standardization in support of the identified 14 ecosystems, and where current and future work by CEN-CENELEC from 2020 to 2022 would fit in these ecosystems.





Ecosystems identified with subgroups	Other related EU policy/ legislation	Activities in support of the Ecoystems	Technical groups possibly involved
		DIGITAL	
DIGITAL Telecommunication	COM (2020)65 - Artificial Intelligence - A European approach to excellence and trust COM (2020)66 - A European strategy for data COM (2020)67 - Shaping Europe's digital future		CLC/TC 108X 'Safety of electronic equipment within the fields of Audio/Video, Information Technology and Communication Technology' CEN/TC 294 'Communication systems for meters' CCMC contact: Constant Kohler
DIGITAL Software and programming	COM (2020)66 - A European strategy for data COM (2020)67 - Shaping Europe's digital future		CEN-CLC/JTC 13 'Cybersecurity and Data Protection' CEN-CLC/JTC 19 'Blockchain and Distributed Ledger Technologies' CEN-CENELEC Focus Group 'Blockchain and Distributed Ledger technologies' CEN/TC 224 'Personal identification and related personal devices with secure element, systems, operations and privacy in a multi sectorial environment' CEN/TC 225 'AIDC technologies' CCMC contact: Constant Kohler
DIGITAL Web portals	COM (2020)65 - Artificial Intelligence - A European approach to excellence and trust COM (2020)66 - A European strategy for data COM (2020)67 - Shaping Europe's digital future		CEN/TC 365 'Internet Filtering' CCMC contact: Constant Kohler
DIGITAL Manufacturing of computers and equipment	COM (2020)65 - Artificial Intelligence - A European approach to excellence and trust COM (2020)66 - A European strategy for data COM (2020)67 - Shaping Europe's digital future		CEN/TC 310 'Advanced Automation Technologies and their applications' CLC/TC 44X 'Safety of machinery: electrotechnical aspects' CCMC contact: Constant Kohler



Ecosystems identified with subgroups	Other related EU policy/ legislation	Activities in support of the Ecoystems	Technical groups possibly involved
		HEALTH	
HEALTH Pharmaceutical products and equipment	Regulation (EU) No 2017/745 on Medical devices Regulation (EU) No 2017/746 on In vitro diagnostic medical devices COM (2014)215 on Effective, accessible and resilient health systems COM (2014)219 on Mobile Health	In the e-Health sector, CEN/TC 251 will work towards finalising a Technical Specification on 'International Patient Summary - Guideline for European Implementation', which will be then brought to the attention of the European Commission, together with the recently published EN 17269:2019 'Health informatics - The International Patient Summary', as a starting point for possible standardization activity for the prioritized European Electronic Health record Exchange Format, as described in the Commission Recommendation 'On a European Electronic Health Record exchange format'.	CEN-CLC/JTC 3 'Quality management and corresponding general aspects for medical devices' CEN/TC 55 'Dentistry' CEN/TC 102 'Sterilizers and associated equipment for processing of medical devices' CEN/TC 140 'In vitro diagnostic medical devices' CEN/TC 170 'Ophthalmic optics' CEN/TC 204 'Sterilization of medical devices' CEN/TC 205 'Non-active medical devices' CEN/TC 206 'Biological and clinical evaluation of medical devices' CEN/TC 215 'Respiratory and anaesthetic equipment' CEN/TC 216 'Chemical disinfectants and antiseptics' CEN/TC 243 'Cleanroom technology' CEN/TC 251 'Health informatics' CLC/TC 62 'Electrical equipment in medical practice' CCMC contact: Jennifer Ogbonna
HEALTH Hospitals, nursing homes, residential care	COM (2008)725 on the European Workforce for Health		CEN/TC 449 'Quality of care for older people' CEN/TC 450 'Patient involvement in personcentred care' CCMC contact: <u>Jennifer Ogbonna</u>



Ecosystems identified with subgroups	Other related EU policy/ legislation	Activities in support of the Ecoystems	Technical groups possibly involved
		AGRIFOOD	
AGRIFOOD Plant and animal production	Regulation (EC) No 882/2004 on controls performed to ensure the verification of		CEN/TC 327 'Animal feeding stuffs - Methods of sampling and analysis'
	compliance with feed and food law, animal health and animal welfare rules		CEN/TC 463 'Microbiology of the food chain'
	A new Industrial Strategy for a green and digital Europe EU Industrial Strategy		CCMC contact: Claire Dalier
	Regulation 2019/1009 on the making available on the market of EU fertilising products		
	European Green Deal		
AGRIFOOD Processing of food	Regulation (EC) No 882/2004 on controls performed to ensure the verification of compliance with feed and food law, animal health and animal welfare rules		CEN/TC 275 'Food analysis - Horizontal methods' (WG 13)
-			CEN/TC 327 'Animal feeding stuffs - Methods of sampling and analysis'
			CEN/TC 460 'Food authenticity'
			CEN/TC 463 'Microbiology of the food chain'
			CCMC contact: Claire Dalier
AGRIFOOD Veterinary activities	European Green Deal		CEN/TC 216 'Chemical disinfectants and antiseptics'
			CCMC contact: Claire Dalier



Ecosystems identified with subgroups	Other related EU policy/ legislation	Activities in support of the Ecoystems	Technical groups possibly involved			
	RENEWABLE ENERGY					
RENEWABLE ENERGY Electric motors, engines and turbines	European Green Deal		CEN-CENELEC-ETSI Coordination Group on Smart Energy Grids			
			CEN-CENELEC-ETSI Coordination Group on Smart Meters			
			CEN-CLC/JTC 10 'Energy-related products - Material Efficiency Aspects for Ecodesign'			
			CEN-CLC/JTC 14 'Energy management, energy audits, energy savings'			
			CEN/WS 073 'Eco-efficient Substations'			
			CLC/TC 23H 'Plugs, socket-outlets and couplers for industrial and similar applications, and for electric vehicles'			
			CLC/TC 45AX 'Instrumentation, control & electrical power systems of nuclear facilities'			
			CLC/TC 62 'Electrical equipment in medical practice'			
			CLC/TC 69X 'Electrical systems for electric road vehicles'			
RENEWABLE ENERGY Electric power generation	<u>Directive 2018/2001</u> on the promotion of the use of energy from renewable sources	In the field of Batteries there are two ongoing activities: - Draft Standardization Request on Performance and	CEN-CLC/JTC 14 'Energy, management, energy audits, energy saving'			
		sustainability requirements for rechargeable batteries with internal storage, which CEN/CENELEC received on	CEN-CLC-ETSI Coordination Group on Smart Meters			
		2020-03-11 and which they are currently working on, consolidating the comments received during the BTs consultation.	CLC/TC 8X 'System aspects of electrical energy supply'			
		 Draft Ancillary Action on Material efficient recycling and preparation for re-use, which also covers waste batteries, which the EC is finalizing in collaboration with CEN/CENELEC. The formal notification is expected this 	CLC/TC 9X 'Electrical equipment and systems for railways'			
			CLC/TC 13 'Electrical energy measurement and control'			
		year.	CCMC contact: Mercedes Mira Costa			



Ecosystems identified with subgroups	Other related EU policy/ legislation	Activities in support of the Ecoystems	Technical groups possibly involved
RENEWABLE ENERGY	Directive 2018/2001 on the promotion of the use		CEN/TC 234 'Gas infrastructure'
Manufacturing and distribution of gas	of energy from renewable sources		CEN/TC 235 'Gas pressure regulators and associated safety devices for use in gas transmission and distribution'
			CEN/TC 282 'Installation and equipment for LNG'
			CEN/TC 19 'Gaseous and liquid fuels, lubricants and related products of petroleum, synthetic and biological origin'
			CEN/TC 335 'Solid biofuels'
			CEN/TC 343 'Solid recovered fuels'
			CEN/TC 408 'Natural gas and biomethane for use in transport and biomethane for injection in the natural gas grid'
			CEN/TC 441 'Fuel labelling'
			CCMC contact: Andrea Nam
	LOW-CARBON E	NERGY INTENSIVE INDUSTRY	
LOW-CARBON ENERGY INTENSIVE INDUSTRY Extraction of fossil fuels	European Green Deal A new Industrial Strategy for a green and digital Europe EU Industrial Strategy		CEN/TC 12 'Standardization of the materials, equipment and offshore structures used in the drilling/pipelines'
			CCMC contact: <u>Andrea Nam</u>
LOW-CARBON ENERGY INTENSIVE INDUSTRY Refining	European Green Deal A new Industrial Strategy for a green and digital Europe EU Industrial Strategy		CEN-CENELEC Workshop REEMAIN 'Methodology for Resource and Energy Efficiency Manufacturing' CEN-CLC/JTC 6 'Hydrogen in energy systems' CCMC contact: Mercedes Mira Costa



Ecosystems identified with subgroups	Other related EU policy/ legislation	Activities in support of the Ecoystems	Technical groups possibly involved
LOW-CARBON ENERGY INTENSIVE INDUSTRY Manufacturing of products with high environmental impact: plastics, chemicals, fertilisers, iron and steel, paper, etc.	European Green Deal Directive 2019/904/EU on Reduction of the impact of certain plastic products on the environment	NOTE: CEN and CENELEC have signed the declaration of the Circular Plastic Alliance, committing to participate to the development and revision of European standards dealing with the recycling of plastics. CEN expects a Standardization Request relating to the plastics recycling and recycled plastics.	CEN/TC 249 'Plastics' CEN/TC 261 'Packaging' CEN/TC 455 'Plant Bio stimulants' CEN/TC 411 'Bio-based products' CEN/TC 454 'Algae and algae products' CCMC contact: Andrea Nam
	MOBI	LITY- AUTOMOTIVE	
MOBILITY- AUTOMOTIVE Production of motor vehicles, boats and trains, and accessories	Regulation (EU) No 1315/2013 relating to the development of the trans-European transport network Regulation (EU) No 1316/2013 establishing the Connecting Europe Facility	Deliverables from CEN-CLC/JTC 20 'Hyperloop systems', who will address technical aspects (interoperability and safety) of hyperloops systems while giving a dedicated focus on the legislative framework.	CEN/TC 436 'Cabin Air Quality on civil aircraft - Chemical Agents' CCMC contact: Thierry Legrand CEN/TC 15 'Inland navigation vessels' CEN/TC 464 'Small craft' CCMC contact: Samuel Gilet CEN-CLC/JTC 20 'Hyperloop systems' CCMC contact: Marc-Antoine Carreira da Cruz
MOBILITY- AUTOMOTIVE Their repair and maintenance	Regulation (EU) No 1315/2013 relating to the development of the trans-European transport network Regulation (EU) No 1316/2013 establishing the Connecting Europe Facility		CEN/TC 242 'Safety requirements for passenger transportation by rope' CEN/TC 274 'Aircraft ground support equipment' CEN/TC 436 'Cabin Air Quality on civil aircraft - Chemical Agents' CEN/TC 256 'Railway applications' CCMC contact: Thierry Legrand CEN/TC 464 'Small craft' CCMC contact: Samuel Gilet



Ecosystems identified with subgroups	Other related EU policy/ legislation	Activities in support of the Ecoystems	Technical groups possibly involved
MOBILITY- AUTOMOTIVE Freight transport	Regulation (EU) No 1315/2013 relating to the development of the trans-European transport		CEN/TC 274 'Aircraft ground support equipment'
Trong in a unoport	network Regulation (EU) No 1316/2013 establishing the		CEN/TC 119 'Swap bodies for combined goods transport'
	Connecting Europe Facility		CEN/TC 278 'Intelligent transport systems'
			CEN/TC 377 'Air Traffic Management'
			CCMC contact: Thierry Legrand
		ELECTRONICS	
ELECTRONICS	Low-Voltage Directive 2014/35/EU		CLC/TC 210 'EMC'
Production of electronics	PPE Regulation (EU) No 2016/425		CLC/TC 108X 'Safety of electronic equipment within the fields of Audio/Video, Information Technology and Communication Technology'
			All TCs developing standards relating to LV installations
			CCMC contact: Geert Maes
			CEN/TC 62 'Independent gas-fired space heaters'
			CLC/TC 59X 'Performance of household and similar electrical appliances'
			CLC/TC 61 'Safety of household and similar electrical appliances'
			CCMC contact: Catherine Vigneron.
		TEXTILES	
TEXTILES	European Green Deal	NOTE:	CEN/TC 248 'Textiles and textile products'
Production of textiles, wearing apparel, footwear, leather and, jewellery	<u>Directive 2019/904/EU</u> on Reduction of the impact of certain plastic products on the environment.	CEN supported this topic in the final AUWP 2020.CEN expects a Standardization Request relating to the circular design of fishing gear to encourage preparing for re-use and facilitate recyclability at end of life.	CCMC contact: <u>Claire Dalier</u>



Ecosystems identified with subgroups	Other related EU policy/ legislation	Activities in support of the Ecoystems	Technical groups possibly involved
	AEREOS	SPACE AND DEFENCE	
AEREOSPACE AND DEFENCE Aircraft and spacecraft production	A new Industrial Strategy for a green and digital Europe EU Industrial Strategy		CEN/TC 377 'Air Traffic Management' CEN-CLC/TC 5'Space' CCMC contact: Thierry Legrand
AEREOSPACE AND DEFENCE Military and weapons	A new Industrial Strategy for a green and digital Europe EU Industrial Strategy		CLC/BTTF 133-1 'Sound systems for emergency purposes which are not part of fire detection and alarm systems' CEN/TC 325 'Crime prevention through building, facility and area design' CEN Workshop D-Box 'Demining tool-box for humanitarian clearing of large scale areas from anti-personnel landmines and cluster munitions' CEN Workshop TER-CDM 'Terminologies in Crisis and Disaster Management' CEN-CENELEC Workshop on Guidelines on evaluation systems and schemes for physical security products CEN-CENELEC Workshop ZONeSEC 'Interoperability of security systems for the surveillance of widezones' CCMC contact: Thierry Legrand
AEREOSPACE AND DEFENCE Satellites	A new Industrial Strategy for a green and digital Europe EU Industrial Strategy		CEN-CLC/TC 5 'Space' and its WG 1 'Navigation and positioning receivers for road applications', led by BNAE (the French Aerospace Standardization Organization), focusing on the development of the EN 16803 series standards to support Global Navigation Satellite Systems (GNSS) CCMC contact: Thierry Legrand
	CREATIVE AN	ID CULTURAL INDUSTRIES	
CREATIVE AND CULTURAL INDUSTRIES Newspapers, books and periodicals		CWA by the CEN/WS - Journalism Trust Initiative (currently available for public review and commenting)	CCMC contact: Christina Thorngreen



Ecosystems identified with subgroups	Other related EU policy/ legislation	Activities in support of the Ecoystems	Technical groups possibly involved
CREATIVE AND CULTURAL INDUSTRIES			CCMC contact: Christina Thorngreen
Motion picture, video and television			
CREATIVE AND CULTURAL INDUSTRIES			CCMC contact: Christina Thorngreen
Radio and music			
		TOURISM	
TOURISM Passenger transport and travel	A new Industrial Strategy for a green and digital Europe EU Industrial Strategy		CEN/TC 329 - Tourism services CCMC contact: Christina Thorngreen
TOURISM Hotels, short term accommodation			CEN/TC 329 - Tourism services CCMC contact: Christina Thorngreen
TOURISM Restaurants and catering			CEN/TC 329 - Tourism services CCMC contact: Christina Thorngreen
TOURISM Events, theme parks			CEN/TC 329 - Tourism services CCMC contact: Christina Thorngreen
	PROXIMITY	AND SOCIAL ECONOMY	
PROXIMITY AND SOCIAL ECONOMY Social enterprises, associations and cooperatives aiming at generating a social impact, often proximity based	Upcoming European legislation on Accessibility Regulation (EC) 1107/2006	NOTE: Standardization of the service chain focuses on processes for technology-enabled care. The standards work underpins European policies on Active and Healthy Ageing (AHA) and it aims at ensuring that alarm users benefit from an improved level of quality of life by enabling them to stay longer in their own homes, remain independent and be able to participate actively in society. CEN/TC 391 'Societal and citizen security', which is defining a European Standard setting out requirements and guidance for management with strategic responsibilities (C levels) for the delivery of a crisis management capability.	CEN/WS 091 'City Resilience Development - Maturity Model' CEN/WS 092 'City Resilience Development - Operational Guidance' CEN/TC 391 'Societal and citizen security' CEN/TC 431 'Service Chain for Social Care Alarms' CEN/TC 435 'Tattooing services' CEN/TC 448' Funeral services' CEN/TC 452 'Assistance Dogs' CCMC contact: Christina Thorngreen
RETAIL			
RETAIL Retail sales			CEN/TC 368 'Product Identification' CCMC contact: Christina Thorngreen



Ecosystems identified with subgroups	Other related EU policy/ legislation	Activities in support of the Ecoystems	Technical groups possibly involved
RETAIL Wholesale connected to consumers			CEN/TC 263 'Secure storage of cash, valuables and data media'
			CCMC contact: Christina Thorngreen
	C	CONSTRUCTION	
CONSTRUCTION	Construction Products Regulation		CEN/TC 156 'Ventilation for buildings'
Building of residential and non- residential estates			CEN/TC 228 'Heating systems and water- based cooling systems in buildings'
			CEN/TC 346 'Conservation of Cultural Heritage'
			CEN/TC 422 'Side curtains ventilation systems - Safety'
			CCMC contact: Nuno Pargana
CONSTRUCTION	Construction Products Regulation		CEN/TC 227 'Road materials'
Building of roads and railways			CEN/TC 336 'Bituminous binders'
			CCMC contact: Nuno Pargana



CONSTRUCTION	Construction Products Regulation	CEN/TC 135 'Execution of steel structures
Building of utilities and civil		and aluminium structures'
engineering		CEN/WS 'Smart CE marking for the construction industry'
		CEN/TC 104 'Concrete and related products'
		CEN/TC 112 'Wood-based panels'
		CEN/TC 124 'Timber structures'
		CEN/TC 125 'Masonry'
		CEN/TC 128 'Roof covering products for discontinuous laying and products for wall cladding'
		CEN/TC 129 'Glass in building'
		CEN/TC 134 'Resilient, textile and laminate floor coverings'
		CEN/TC 154 'Aggregates'
		CEN/TC 163 'Sanitary appliances'
		CEN/TC 166 'Chimneys'
		CEN/TC 167 'Structural bearings'
		CEN/TC 175 'Round and sawn timber'
		CEN/TC 177 'Prefabricated reinforced components of autoclaved aerated concrete or light-weight aggregate concrete with open structure'
		CEN/TC 178 'Paving units and kerbs'
		CEN/TC 185 'Fasteners'
		CEN/TC 187 'Refractory products and materials'
		CEN/TC 189 'Geosynthetics'
		CEN/TC 203 'Cast iron pipes, fittings and their joints'
		CEN/TC 208 'Elastomeric seals for joints in pipework and pipelines
		CEN/TC 217 'Surfaces for sports areas'
		CEN/TC 218 'Rubber and plastics hoses and hose assemblies'



CONSTRUCTION Associated activities Centro 33 'Doors, windows, shutters, building hardware and currian walling' CENTC 50 'Lighting columns and spigots' CENTC 50 'Centro 51 'Cerement and building limes' CENTC 67 'Ceremic tiles' CENTC 67 'Ceremic tiles' CENTC 99 'Wallcoverings' CENTC 99 'Wallcoverings' CENTC 99 'Wallcoverings' CENTC 299 'Precast concrete products' CENTC 229 'Precast concrete products' CENTC 241 'Cyspum and gypsum besed products' CENTC 241 'Cyspum and gypsum besed products' CENTC 277 'Suspended ceilings' CENTC 277 'Suspended ceilings' CENTC 277 'Suspended ceilings' CENTC 278 'Pre-standing industrial chimneys' CENTC 209 'Precast concrete products' CENTC 209 'Precast concrete products' CENTC 277 'Suspended ceilings' CENTC 277 'Suspended ceilings' CENTC 277 'Suspended ceilings' CENTC 278 'Pre-standing industrial chimneys' CENTC 301 'Sealants for joints in building construction' CENTC 301 'Spiner screed sand screed materials' CENTC 301 'Sealants for joints in building construction' CENTC 301 'Polymer modified bluminous thick coatings for waterproofing - Definitions/requirements and lest methods' CENTC 301 'Floymer modified bluminous thick coatings for waterproofing - Definitions/requirements and lest methods' CENTC 301 'Floymer modified bluminous'	Ecosystems identified with subgroups	Other related EU policy/ legislation	Activities in support of the Ecoystems	Technical groups possibly involved
Associated activities building hardware and curtain walling' CENTC 51 Cighting columns and spigots' CENTC 51 Cement and building limes' CENTC 51 Temporary works equipment' CENTC 63 Temporary works equipment' CENTC 63 Temporary works equipment' CENTC 63 Temporary works equipment' CENTC 64 Temporary works equipment CENTC 99 "Mallcoverings' CENTC 99 "Mallcoverings' CENTC 99 "Mallcoverings' CENTC 99 "Mallcoverings' CENTC 291 "Peasts onpring systems and duding systems' CENTC 224 "Gypsum and gypsum based products' CENTC 224 "Republe sheets for waterproofing' CENTC 227 "Suspended cellings' CENTC 227 "Suspended cellings' CENTC 227 "Suspended cellings' CENTC 237 "Free-standing industrial chimneys' CENTC 339 "Fore-standing industrial chimneys' CENTC 339 "Fore-standing industrial chimneys' CENTC 349 "Sealants for joints in building construction' CENTC 349 "Sealants for joints in building construction' CENTC 349 "Stretched cellings' CENTC 349 "Sealants for joints in building construction' CENTC 349 "Sealants for joints in building construction' CENTC 349 "Sealants for joints in building construction' CENTC 349 "Stretched cellings' CENTC 349 "Sealants for joints in building construction' CENTC 349 "Stretched cellings' CENTC 349 "Stretched cellings'				CCMC contact: Nuno Pargana
CENTC 50 'Lighting columns and spigots' CENTC 51 'Cement and building limes' CENTC 67 'Ceramic tiles' CENTC 68 'Therprary works equipment' CENTC 67 'Ceramic tiles' CENTC 88 'Thermal insulating materials and products' CENTC 99 'Wallcoverings' CENTC 155 'Plastics piping systems and ducting systems' CENTC 229 'Precast concrete products' CENTC 229 'Precast concrete products' CENTC 241 'Gypsum and gypsum based products' CENTC 246 'Natural stones' CENTC 254 'Instalbe sheets for waterprofing' CENTC 277 'Suspended cellings' CENTC 277 'Suspended cellings' CENTC 277 'Suspended cellings' CENTC 278 'Execution of special geotechnical works' CENTC 279 'Free-standing industrial chimneys' CENTC 301 'Flor screeds and screed materials' CENTC 304 'Anti-seismic devices' CENTC 304 'Pollymer modified bituminous thick coatings for waterprofing' CENTC 361 'Pollymer modified bituminous thick coatings for waterprofing' Definitions/requirements and test methods'		Construction Products Regulation		
CENTC 53 "Temporary works equipment" CENTC 67 "Ceramic tiles" CENTC 99 "Wallcoverings" CENTC 195 "Nallcoverings" CENTC 155 "Plastics piping systems and ducting systems" CENTC 229 "Precast concrete products" CENTC 229 "Precast concrete products" CENTC 241 "Gypsum and gypsum based products" CENTC 246 "Natural stones" CENTC 246 "Natural stones" CENTC 277 "Suspended ceilings" CENTC 277 "Suspended ceilings" CENTC 277 "Suspended ceilings" CENTC 287 "Fere-standing industrial chimneys" CENTC 287 "Fere-standing industrial chimneys" CENTC 303 "Floor screeds and screed materials" CENTC 349 "Sealants for joints in building construction" CENTC 357 "Stretched ceilings" CENTC 367 "Stretched ceilings"				CEN/TC 50 'Lighting columns and spigots'
CENTC 67 'Ceramic tiles' CENTC 87 'Near tiles' CENTC 99 'Wallcoverings' CENTC 155 'Plastics piping systems and ducting systems' CENTC 1229 'Precast concrete products' CENTC 229 'Precast concrete products' CENTC 221 'Gypsum and gypsum based products' CENTC 224 'Gypsum and gypsum based products' CENTC 224 'Flexible sheets for waterproofing' CENTC 275 'Suspended ceilings' CENTC 277 'Suspended ceilings' CENTC 278 'Execution of special geotechnical works' CENTC 297 'Free-standing industrial chimneys' CENTC 297 'Free-standing industrial chimneys' CENTC 307 'Free-standing industrial chimneys' CENTC 307 'Sreets and screed materials' CENTC 340 'Anti-seismic devices' CENTC 340 'Santi-seismic devices' CENTC 357 'Stretched ceilings'				CEN/TC 51 'Cement and building limes'
CENTC 88 "Thermal insulating materials and products' CENTC 195 "Plastics piping systems and ducting systems' CENTC 155 "Plastics piping systems and ducting systems' CENTC 229 "Precast concrete products' CENTC 224 "Gypsum and gypsum based products' CENTC 241 "Gypsum and gypsum based products' CENTC 246 "Natural stones' CENTC 245 "Flexible sheets for waterproding' CENTC 277 "Suspended ceilings' CENTC 288 "Execution of special geotechnical works' CENTC 297 "Free-standing industrial chimneys' CENTC 303 "Floor screeds and screed materials' CENTC 303 "Floor screeds and screed materials' CENTC 340 "Anti-seismic devices' CENTC 349 "Sealants for joints in building construction' CENTC 357 "Stretched ceilings' CENTC 361 "Polymer modified bituminous thick coatings for waterproofing - Definitions/requirements and test methods'				CEN/TC 53 'Temporary works equipment'
products' CENTTC 99 'Wallcoverings' CENTC 155 'Plastics piping systems and ducting systems' CENTC 229 'Preast concrete products' CENTC 229 'Preast concrete products' CENTC 241 'Gypsum and gypsum based products' CENTC 246 'Natural stones' CENTC 246 'Haxibe sheets for waterproofing' CENTC 277 'Suspended ceilings' CENTC 277 'Suspended ceilings' CENTC 287 'Free-standing industrial chimneys' CENTC 397 'Free-standing industrial chimneys' CENTC 303 'Floor screeds and screed materials' CENTC 340 'Anti-seismic devices' CENTC 340 'Anti-seismic devices' CENTC 340 'Sealants for joints in building construction' CENTC 357 'Stretched ceilings' CENTC 361 'Polymer modified bituminous thick coatings for waterproofing - Definitions/requirements and test methods'				CEN/TC 67 'Ceramic tiles'
CENTC 155 'Plastics piping systems and ducting systems' CENTC 229 'Precast concrete products' CENTC 224 'Cypsum and gypsum based products' CENTC 241 'Gypsum and gypsum based products' CENTC 245 'Flexible sheets for waterproofing' CENTC 277 'Suspended ceilings' CENTC 277 'Suspended ceilings' CENTC 278 'Execution of special geotechnical works' CENTC 297 'Free-standing industrial chimneys' CENTC 303 'Floor screeds and screed materials' CENTC 304 'Anti-seismic devices' CENTC 349 'Sealants for joints in building construction' CENTC 357 'Stretched ceilings' CENTC 361 'Polymer modified bitiminous thick coatings for waterproofing - Definitions/requirements and test methods'				
ducting systems' CEN/TC 229 'Precast concrete products' CEN/TC 241 'Gypsum and gypsum based products' CEN/TC 246 'Natural stones' CEN/TC 254 'Flexible sheets for waterproofing' CEN/TC 277 'Suspended ceilings' CEN/TC 277 'Suspended ceilings' CEN/TC 288 'Execution of special geotechnical works' CEN/TC 297 'Free-standing industrial chimneys' CEN/TC 303 'Floor screeds and screed materials' CEN/TC 304 'Anti-seismic devices' CEN/TC 340 'Anti-seismic devices' CEN/TC 367 'Stretched ceilings' CEN/TC 367 'Stretched ceilings' CEN/TC 361 'Polymer modified biruminous thick coatings for waterproofing - Definitions/requirements and test methods'				CEN/TC 99 'Wallcoverings'
CENTC 241 'Gypsum and gypsum based products' CENTC 254 'Natural stones' CENTC 254 'Flexible sheets for waterproofing' CENTC 277 'Suspended ceilings' CENTC 287 'Execution of special geotechnical works' CENTC 297 'Free-standing industrial chimneys' CENTC 303 'Floor screeds and screed materials' CENTC 340 'Anti-seismic devices' CENTC 349 'Sealants for joints in building construction' CENTC 357 'Stretched ceilings' CENTC 357 'Stretched ceilings' CENTC 357 'Stretched ceilings' CENTC 361 'Polymer modified bituminous thick coatings for waterproofing - Definitions/requirements and test methods'				
products' CEN/TC 246 'Natural stones' CEN/TC 254 'Flexible sheets for waterproofing' CEN/TC 277 'Suspended ceilings' CEN/TC 278 'Execution of special geotechnical works' CEN/TC 297 'Free-standing industrial chimneys' CEN/TC 303 'Floor screeds and screed materials' CEN/TC 304 'Anti-seismic devices' CEN/TC 349 'Sealants for joints in building construction' CEN/TC 357 'Stretched ceilings' CEN/TC 361 'Polymer modified bituminous thick coatings for waterproofing - Definitions/requirements and test methods'				CEN/TC 229 'Precast concrete products'
CENTC 254 'Flexible sheets for waterproofing' CENTC 277 'Suspended ceilings' CENTC 277 'Suspended ceilings' CENTC 288 'Execution of special geotechnical works' CENTC 297 'Free-standing industrial chimneys' CENTC 303 'Floor screeds and screed materials' CENTC 304 'Anti-seismic devices' CENTC 349 'Sealants for joints in building construction' CENTC 357 'Stretched ceilings' CENTC 361 'Polymer modified bituminous thick coatings for waterproofing - Definitions/requirements and test methods'				
waterproofing' CEN/TC 277 'Suspended ceilings' CEN/TC 288 'Execution of special geotechnical works' CEN/TC 297 'Free-standing industrial chimneys' CEN/TC 303 'Floor screeds and screed materials' CEN/TC 340 'Anti-seismic devices' CEN/TC 349 'Sealants for joints in building construction' CEN/TC 357 'Stretched ceilings' CEN/TC 361 'Polymer modified bituminous thick coatings for waterproofing - Definitions/requirements and test methods'				CEN/TC 246 'Natural stones'
CEN/TC 288 'Execution of special geotechnical works' CEN/TC 297 'Free-standing industrial chimneys' CEN/TC 303 'Floor screeds and screed materials' CEN/TC 340 'Anti-seismic devices' CEN/TC 349 'Sealants for joints in building construction' CEN/TC 357 'Stretched ceilings' CEN/TC 361 'Polymer modified bituminous thick coatings for waterproofing - Definitions/requirements and test methods'				
geotechnical works' CEN/TC 297 'Free-standing industrial chimneys' CEN/TC 303 'Floor screeds and screed materials' CEN/TC 340 'Anti-seismic devices' CEN/TC 349 'Sealants for joints in building construction' CEN/TC 357 'Stretched ceilings' CEN/TC 361 'Polymer modified bituminous thick coatings for waterproofing - Definitions/requirements and test methods'				CEN/TC 277 'Suspended ceilings'
chimneys' CEN/TC 303 'Floor screeds and screed materials' CEN/TC 340 'Anti-seismic devices' CEN/TC 349 'Sealants for joints in building construction' CEN/TC 357 'Stretched ceilings' CEN/TC 361 'Polymer modified bituminous thick coatings for waterproofing - Definitions/requirements and test methods'				
materials' CEN/TC 340 'Anti-seismic devices' CEN/TC 349 'Sealants for joints in building construction' CEN/TC 357 'Stretched ceilings' CEN/TC 361 'Polymer modified bituminous thick coatings for waterproofing - Definitions/requirements and test methods'				
CEN/TC 349 'Sealants for joints in building construction' CEN/TC 357 'Stretched ceilings' CEN/TC 361 'Polymer modified bituminous thick coatings for waterproofing - Definitions/requirements and test methods'				
construction' CEN/TC 357 'Stretched ceilings' CEN/TC 361 'Polymer modified bituminous thick coatings for waterproofing - Definitions/requirements and test methods'				CEN/TC 340 'Anti-seismic devices'
CEN/TC 361 'Polymer modified bituminous thick coatings for waterproofing - Definitions/requirements and test methods'				
CEN/TC 361 'Polymer modified bituminous thick coatings for waterproofing - Definitions/requirements and test methods'				CEN/TC 357 'Stretched ceilings'
Definitions/requirements and test methods'				CEN/TC 361 'Polymer modified bituminous
				CEN/TC 396 'Earthworks'



Ecosystems identified with subgroups	Other related EU policy/ legislation	Activities in support of the Ecoystems	Technical groups possibly involved
			CEN/TC 407 'Cylindrical helical springs made from round wire and bar - Calculation and design' CEN/TC 459 'ECISS - European Committee for Iron and Steel Standardization' CCMC contact: Nuno Pargana