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## [<sup>F1</sup>ANNEX IV

### REQUIREMENTS FOR SPATIAL DATA THEMES LISTED IN ANNEX III TO DIRECTIVE 2007/2/EC

#### Textual Amendments

- F1** Inserted by Commission Regulation (EU) No 1253/2013 of 21 October 2013 amending Regulation (EU) No 1089/2010 implementing Directive 2007/2/EC as regards interoperability of spatial data sets and services.

#### 4. LAND USE

##### 4.1. Definitions

In addition to the definitions set out in Article 2, the following definition shall apply:

- (1) ‘existing land use’ means an objective depiction of the use and functions of a territory as it has been and effectively still is in real life.
- (2) ‘gridded existing land use’ means an objective depiction as a regular orthorectified grid (image) of the use and functions of a territory as it has been and effectively still is in real life.
- (3) ‘Hierarchical INSPIRE Land Use Classification System (HILUCS)’ means a multi-level classification system for Land Use whose use is mandatory at the most appropriate level.
- (4) ‘minimum unit of interest’ means the smallest polygonal area for the land use objects taken into consideration in the data set.
- (5) ‘planned land use’ means spatial plans, defined by spatial planning authorities, depicting the possible utilization of the land in the future.
- (6) ‘sampled existing land use’ means an objective depiction of the use and functions of a territory [as it has been and effectively still is] in real life as observed in sampled location.
- (7) ‘zoning’ means a partition where the planned land use is depicted, making explicit the rights and prohibitions regarding new constructions that apply within each partition element.

##### 4.2. Structure of the Spatial Data Theme Land Use

The types specified for the spatial data theme Land Use are structured in the following packages:

- Land Use Nomenclature
- Existing land use
- Gridded existing land use
- Sampled existing land use
- Planned land use

##### 4.3. Land Use Nomenclature

###### 4.3.1. Data types

###### 4.3.1.1. HILUCS Percentage (HILUCSPercentage)

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Percentage of land use object that is covered by this HILUCS presence.

**Attributes of the data type HILUCSPercentage**

Attribute	Definition	Type	Voidability
hilucsValue	HILUCS category for this HILUCS percentage.	HILUCSValue	
percentage	Percentage of land use object that is covered by this HILUCS presence.	Integer	

4.3.1.2. HILUCS Presence (HILUCSPresence)

Presence of one or several HILUCS values in an area, indicated either as the percentage covered for each value or as the values listed in their order of importance.

This type is a union type.

**Attributes of the union type HILUCSPresence**

Attribute	Definition	Type	Voidability
orderedList	ordered list of land use value presence	HILUCSValue	
percentageList	list of percentage of land use value	HILUCSPercentage	

4.3.1.3. Specific Percentage (SpecificPercentage)

Percentage of a land use object that is covered by a specific presence.

**Attributes of the data type SpecificPercentage**

Attribute	Definition	Type	Voidability
specificValue	Specific value category for this specific percentage.	LandUseClassificationValue	
percentage	Percentage of a land use object that is covered by this specific presence.	Integer	

4.3.1.4. Specific Presence (SpecificPresence)

Presence of one or several land use classification values in an area according to the code list provided by the data provider, indicated either as the percentage covered for each value or as the values listed in their order of importance.

This type is a union type.

**Attributes of the union type SpecificPresence**

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Attribute	Definition	Type	Voidability
orderedList	ordered list of land use value	LandUseClassificationValue	
percentageList	list of percentage of land use value	SpecificPercentage	

#### 4.3.2. Code lists

##### 4.3.2.1. HILUCS (HILUCSValue)

List of land use categories to be used in INSPIRE Land Use.

The allowed values for this code list comprise only the values specified in the table below.

This code list is hierarchical.

##### Values for the code list HILUCSValue

Value	Name	Definition	Parent value
1_PrimaryProduction	primary production	Areas where the manufacturing industries aggregate, package, purify or process the primary products close to the primary producers are included, especially if the raw material is unsuitable for sale or difficult to transport long distances.	
1_1_Agriculture	agriculture	Production of crop (plants, fungi, etc.) and animal products for food, for sale, own consumption or industrial purposes. It includes plants for biofuels and growing of crops in open fields as well as in greenhouses. Also set-aside fallow land in the crop rotation belongs to this class. The preparation of products for the primary markets is included, field construction (e.g. agricultural land terracing, drainage,	1_PrimaryProduction

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		preparing rice paddies etc.) as well as landscape care and maintenance.	
1_1_1_CommercialAgriculture	agricultural production	Arable land, permanent crops and grasslands in agricultural use (both sown and natural grassland). The products can be used for human or animal feed or bio-energy production.	1_1_Agriculture
1_1_2_FarmingInfrastructure	farming infrastructure	Farm dwellings, animal husbandry infrastructure (animal dwellings and processing infrastructure linked to farms), manure storage and other farming infrastructure (e.g. buildings linked to plant handling and processing in farms).	1_1_Agriculture
1_1_3_AgriculturalProduction	agricultural production for own consumption	Production of plants or animals for own consumption (kitchen gardens, private animal sheds etc.)	1_1_Agriculture
1_2_Forestry	forestry	Production of round wood and other wood based primary products. Besides the production of timber, forestry activities result in products that undergo little processing, such as firewood, charcoal and round wood used in an unprocessed form (e.g. pit-props, pulpwood etc.). Forest tree nurseries, storage and transport areas linked to logging, trees and woody plants for bio fuels are also	1_PrimaryProduction

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		included. These activities can be carried out in natural or planted forests.	
1_2_1_ForestryBasedOnShortRotation	Forestry based on short rotation	Forestry areas where the rotation period of a tree generation is 50 years or less, after which the forest is regenerated naturally or artificially with planting or seeding. Tree plantations (pulpwood production) and wood used for biomass production also belong to this class.	1_2_Forestry
1_2_2_ForestryBasedOnIntermediateOrLongRotation	Forestry based on intermediate or long rotation	Forestry areas where the rotation period of a tree generation is over 50 years after which the forest is regenerated naturally or artificially with planting or seeding.	1_2_Forestry
1_2_3_ForestryBasedOnContinuousCover	Forestry based on continuous cover	Forestry areas where forest management and regeneration is based on continuous growing of trees.	1_2_Forestry
1_3_MiningAndQuarrying	mining and quarrying	Mining and quarrying in the form of the extraction of minerals and materials occurring naturally as solids (coal, ores, gravel, sand, salt), liquids (petroleum), gases (natural gas) or biomass (peat). Extraction can be achieved by different methods such as underground or surface mining or extraction, well operation etc.	1_PrimaryProduction

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1_3_1_MiningOfEnergyProducingMaterials	Mining of energy producing materials	Mining and extraction of coal, lignite, peat, petroleum, natural gas, uranium and thorium.	1_3_MiningAndQuarrying
1_3_2_MiningOfMetalOres	Mining of metal ores	Mining of iron and other non-ferrous metal ores (except uranium and thorium).	1_3_MiningAndQuarrying
1_3_3_OtherMiningAndQuarrying	Quarrying and quarrying	Quarrying of stone, sand, clay, chemical, fertilizer minerals, the production of salt and other mining and quarrying.	1_3_MiningAndQuarrying
1_4_AquacultureAndFishing	aquaculture and fishing	Professional fishing and aquaculture.	1_PrimaryProduction
1_4_1_Aquaculture	aquaculture	Fish hatcheries and managed grow-out sites.	1_4_AquacultureAndFishing
1_4_2_ProfessionalFishing	professional fishing	Water areas used for professional fishing.	1_4_AquacultureAndFishing
1_5_OtherPrimaryProduction	other primary production	Professional hunting, gathering of wild growing non-wood forestry products, husbandry of migratory animals and any other primary production not included in the values 1_1_Agriculture, 1_2_Forestry, 1_3_MiningAndQuarrying, 1_4_AquacultureAndFishing or any of their narrower values.	1_PrimaryProduction
1_5_1_Hunting	hunting	Professional hunting. The areas can be fenced or open.	1_5_OtherPrimaryProduction
1_5_2_ManagementOfMigratoryAnimals	Management of migratory animals	Keeping and feeding migratory animals such as reindeer and deer.	1_5_OtherPrimaryProduction

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1_5_3_PickingOfNaturalProducts	Picking of natural products	Picking up natural non wood based products such as non-cultivated berries, mosses, lichen etc.) for commercial purposes	1_5_OtherPrimaryProduction
2_SecondaryProduction	secondary production	Industrial and manufacturing activities which take the output of the primary sector and manufacture finished goods and intermediate products for other business. It also includes the storage and transport areas linked directly to manufacturing activities. The branches of industries covered by this class are the processing of food, textile, leather, wood and wood product, pulp, paper, publishing, printing, recording, petroleum and other fuels, chemicals, chemical products, man-made fibers, rubber and plastic products, non metallic mineral products, basic metals and metal products, fabricated metal product, machinery and equipment, electrical and optical equipments, transport equipment and furniture.	
2_1_RawIndustry	raw industry	Industrial activities transforming the output primary sector into manufactured raw products.	2_SecondaryProduction

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2_1_1_Manufacturing	Of fibre and products of textile products	Preparation and spinning of textile fibres, sewing threads, textile weaving, tanning and dressing of leather.	2_1_RawIndustry
2_1_2_Manufacturing	Of wood and wood based products	Sawmilling and planing of wood, manufacturing of veneer sheets, plywood, laminating boards, fibre boards, carpentry and joinery, cork, straw and plaiting products.	2_1_RawIndustry
2_1_3_Manufacturing	Of pulp paper and paper products	Manufacturing of pulp, paper, paperboard, paper based sanitary goods, wallpapers.	2_1_RawIndustry
2_1_4_Manufacturing	Of coke refined petroleum and nuclear fuel	Products and refined petroleum and processing of nuclear fuel.	2_1_RawIndustry
2_1_5_Manufacturing	Of chemicals chemical products man made fibers	Manufacturing of basic chemicals, agro-chemicals, paints, pharmaceuticals, soap, detergents, glues, other chemical products and man-made fibers.	2_1_RawIndustry
2_1_6_Manufacturing	Of basic metals and fabricate metals	Manufacturing, processing and casting of iron, steel and basic precious and non-ferrous metals. It also includes the manufacturing of metal products.	2_1_RawIndustry
2_1_7_Manufacturing	Of non-metallic mineral products	Manufacturing glass, bricks, ceramics, concrete, cement, lime, plaster, cutting and shaping of stone and other non-	2_1_RawIndustry



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		metallic mineral products.	
2_1_8_Manufacturing	Manufacturing of rubber plastic products	Manufacturing of tyres, tubes, plastic packing good and other rubber and plastic products.	2_1_RawIndustry
2_1_9_Manufacturing	Manufacturing of other raw materials	Production of raw materials not included in any other of the narrower values of 2_1_RawIndustry.	2_1_RawIndustry
2_2_HeavyEndProduct	Heavy end product industry	Activities transforming raw manufactured products into heavy manufactured products.	2_SecondaryProduction
2_2_1_Manufacturing	Manufacturing of machinery	Manufacturing of production, agricultural, forestry and other machinery (excluding aircrafts and vehicles), weapons, ammunition and domestic appliances.	2_2_HeavyEndProductIndustry
2_2_2_Manufacturing	Manufacturing of vehicles and transport equipment	Manufacturing of motor vehicles, aircrafts, spacecrafts, ships, boats, railway and tramway equipment, motorcycles, bicycles and other transport equipment.	2_2_HeavyEndProductIndustry
2_2_3_Manufacturing	Manufacturing of other heavy end products	Production of other heavy end products not included in any other of the narrower values of 2_2_HeavyEndProductIndustry.	2_2_HeavyEndProductIndustry
2_3_LightEndProduct	Light end product industry	Activities transforming raw manufactured products into light manufactured products.	2_SecondaryProduction

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2_3_1_Manufacturing	Of food beverages and tobacco products	Macroproductions of meat, fish, fruit and vegetables, oils and fats or derived products, dairy products, grain mill and starch products, prepared animal feeds, other food products, beverages and tobacco products.	2_3_LightEndProductIndustry
2_3_2_Manufacturing	Of clothes and leather	Manufacturing of wearing apparel, leather clothes, dressing, accessories, dyeing of fur and manufacturing of fur products, luggage, bags, saddlery and footwear.	2_3_LightEndProductIndustry
2_3_3_PublishingAnd	Printing and printing	Publishing and printing of books, newspapers, journals and the publishing and reproduction of sound recordings.	2_3_LightEndProductIndustry
2_3_4_Manufacturing	Of electrical and optical equipment	Manufacturing of office machinery, computers, motors, generators, electricity distribution and control apparatus, wires and cables, accumulators, batteries, lamps, radios, TVs, phones, electronic valves and tubes, medical, precision and optical instruments, watches and other electrical and optical equipment.	2_3_LightEndProductIndustry
2_3_5_Manufacturing	Of other light end products	Manufacturing of furniture, jewellery, musical instruments, sports goods, games, toys and other miscellaneous products.	2_3_LightEndProductIndustry

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2_4_EnergyProduction	energy production	Production of energy.	2_SecondaryProduction
2_4_1_NuclearBasedEnergyProduction	nuclear based energy production	Nuclear power plants.	2_4_EnergyProduction
2_4_2_FossilFuelBasedEnergyProduction	fossil fuel based energy production	Power plants using fossil fuels (coal, oil, natural gas, peat and other fossil fuels).	2_4_EnergyProduction
2_4_3_BiomassBasedEnergyProduction	biomass based energy production	Combustion power plants using biomass based fuels (wood and other plant based solid and liquid fuels, biogas and other biofuels).	2_4_EnergyProduction
2_4_4_RenewableEnergyProduction	renewable energy production	Hydro-, solar, wind, thermal (aero, geo and hydro), tidal, wave etc. energy and other renewable energy (except biomass energy, which is covered by the value 2_4_3_BiomassBasedEnergyProduction).	2_4_EnergyProduction
2_5_OtherIndustry	other industry	Production of other industrial products not included in any other of the narrower values of 2_SecondaryProduction.	2_SecondaryProduction
3_TertiaryProduction	tertiary production	Services that are products for other businesses and consumers both private and public services. It encompasses whole sale and retail trade, repair services, hotels and restaurants, financial services, real estate, business services, rental services, public administration, defence and social security, education, health and social work and other	

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		community, social and personal services.	
3_1_CommercialServices	commercial services	Provision of commercial services.	3_TertiaryProduction
3_1_1_WholesaleAndRetailTradeAndRepairOfMotorVehiclesAndPersonalAndHouseholdGoods	Wholesale and retail trade and repair of motor vehicles and personal and household goods	Wholesale and retail sale of motor vehicles, fuel, agricultural raw materials, live animals, ores, metals, chemicals, timber, machinery, ships, furniture, household goods, textiles, food, beverages, tobacco products, pharmaceutical products, second hand goods, other products, waste and scrap. This class also includes the repair of vehicles, personal and household goods.	3_1_1_WholesaleAndRetailTradeAndRepairOfMotorVehiclesAndPersonalAndHouseholdGoods
3_1_2_RealEstateServices	real estate services	Provision of real estate and renting services.	3_1_CommercialServices
3_1_3_AccommodationAndFoodServices	Accommodation and food services	Hotel, holiday village, camping site, restaurant, bar and canteen services.	3_1_CommercialServices
3_1_4_OtherCommercialServices	Other commercial services	Other commercial services not included in any other of the narrower values of 3_1_CommercialServices, such as beauty and wellbeing services.	3_1_CommercialServices
3_2_FinancialProfessionalAndInformationServices	Financial, professional and information services	Provision of financial, professional or information services.	3_TertiaryProduction
3_2_1_FinancialAndInsuranceServices	Financial and insurance services	Provision of banking, credit, insurance, and other financial services.	3_2_FinancialProfessionalAndInformationServices
3_2_2_ProfessionalTechnicalAndScientificServices	Professional, technical and scientific services	Consulting, data processing,	3_2_FinancialProfessionalAndInformationServices

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		research and development, legal, accountancy, business management, architectural, engineering, advertising, testing, investigation, consulting, and other professional services.	
3_2_3_ Information And Communication Services	Information and communication services	Publishing, sound recording, TV-programme, motion picture, radio broadcasting, post and telecommunication, computer and data processing services.	3_2_ Financial Professional And Information Services
3_2_4_ Administrative And Support Services	Administrative support services	Travel agency, rental, cleaning, security and other administrative and support services.	3_2_ Financial Professional And Information Services
3_2_5_ Other Financial Professional And Information Services	Other financial, professional and information services	Other financial, professional and information services not included in any other of the narrower values of 3_2_ Financial Professional And Information Services.	3_2_ Financial Professional And Information Services
3_3_ Community Services	community services	Provision of services for the community.	3_ Tertiary Production
3_3_1_ Public Administration, Defence And Social Security Services	public administration, defence and social security services	Provision of generic administrative, defence, justice, public security, fire and compulsory social security services.	3_3_ Community Services
3_3_2_ Educational Services	educational services	Provision of primary, secondary, higher, adult and other educational services.	3_3_ Community Services
3_3_3_ Health And Social Services	health and social services	Provision of human and animal health and social work services.	3_3_ Community Services
3_3_4_ Religious Services	religious services	Provision of religious services.	3_3_ Community Services

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3_3_5_OtherCommunityServices	Community services	Other community services e.g. cemeteries.	3_3_CommunityServices
3_4_CulturalEntertainmentAndRecreationalServices	Cultural and recreational services	Provision of cultural, entertainment or recreational services.	3_TertiaryProduction
3_4_1_CulturalServices	cultural services	Provision of artistic, library, museum, zoos, botanical gardens, historical sites and other cultural services.	3_4_CulturalEntertainmentAndRecreationalServices
3_4_2_EntertainmentServices	Entertainment services	Amusement parks, theme parks, betting and gambling activities and other entertainment services.	3_4_CulturalEntertainmentAndRecreationalServices
3_4_3_SportsInfrastructure	sports infrastructure	Sports infrastructure, such as stadiums, sports halls, swimming pools, fitness facilities, ski resorts, golf courses and other sports infrastructure.	3_4_CulturalEntertainmentAndRecreationalServices
3_4_4_OpenAirRecreationalAreas	Open air recreational areas	Open air recreational areas, e.g. urban parks, playgrounds, national parks, and natural areas used for recreational purposes.	3_4_CulturalEntertainmentAndRecreationalServices
3_4_5_OtherRecreationalServices	Other recreational services	Other recreational services not included in any of the other narrower values of 3_4_CulturalEntertainmentAndRecreationalServices.	3_4_CulturalEntertainmentAndRecreationalServices
3_5_OtherServices	other services	Provision of other services not included in any of the other narrower values of 3_TertiaryProduction.	3_TertiaryProduction
4_TransportNetworksLogisticsAndUtilities	Transport, logistics and utilities	Basic infrastructure and networks of the society. All the other sectors are using the infrastructure and networks to	

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		produce the goods and services and they are also vital for residential areas. It includes water supply, collection, treatment and recycling of sewage and waste, transport, networks, storage and communication.	
4_1_TransportNetworks	transport networks	Infrastructure related to transport.	4_TransportNetworksLogisticsAndUtilities
4_1_1_RoadTransport	road transport	Areas used for road transport, e.g. roads, parking areas, service stations.	4_1_TransportNetworks
4_1_2_RailwayTransport	railway transport	Areas used for rail transport, e.g. rails, railway stations and yards etc.	4_1_TransportNetworks
4_1_3_AirTransport	air transport	Areas used for air transport, e.g. airports and related services.	4_1_TransportNetworks
4_1_4_WaterTransport	water transport	Areas used for water transport, e.g. ports, rivers, docks and related services.	4_1_TransportNetworks
4_1_5_OtherTransportNetwork	Other transport network	Areas used for other transport not included in any of the other narrower values of 4_1_TransportNetworks.	4_1_TransportNetworks
4_2_LogisticalAndStorageServices	logistical and storage services	Areas used for separate (not linked directly to industries) storage services and logistical services.	4_TransportNetworksLogisticsAndUtilities
4_3_Utilities	utilities	Infrastructure related to utilities.	4_TransportNetworksLogisticsAndUtilities
4_3_1_ElectricityGasAndThermalPowerDistribution	Electricity, gas and thermal power distribution services	Areas used for distribution of electricity, gas and thermal energy, including the pipelines used for transporting oil and gas.	4_3_Utilities

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4_3_2_WaterAndSewageInfrastructure	water and sewage infrastructure	Areas used for the extraction, collection, purification storage and distribution of water, collection and treatment of sewage (including the pipelines).	4_3_Utilities
4_3_3_WasteTreatment	waste treatment	Areas used for the collection, treatment and recycling of waste.	4_3_Utilities
4_3_4_OtherUtilities	other utilities	Areas used for other utilities not included in any of the other narrower values of 4_3_Utilities.	4_3_Utilities
5_ResidentialUse	residential use	Areas used dominantly for housing of people. The forms of housing vary significantly between, and through, residential areas. These areas include single family housing, multi-family residential, or mobile homes in cities, towns and rural districts if they are not linked to primary production. It permits high density land use and low density uses. This class also includes residential areas mixed with other non-conflicting uses and other residential areas.	
5_1_PermanentResidentialUse	permanent residential use	Residential areas dominated by detached houses surrounded by gardens and/or yards, a mix of single houses, semi-detached houses, terraced houses, town	5_ResidentialUse



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		houses, row houses and blocks of flats used as permanent residence.	
5_2_ResidentialUseWithOtherCompatibleUses	other compatible uses	Residential areas mixed with other non-conflicting uses (e.g. various services, light industries etc.).	5_ResidentialUse
5_3_OtherResidentialUse	other residential use	Areas dominantly used for temporary dwellings (camps of migrant people), holiday residences (summer cottages), etc.	5_ResidentialUse
6_OtherUses	other uses	Areas not included in the values 1_PrimaryProduction, 2_SecondaryProduction, 3_TertiaryProduction, 4_TransportNetworksLogisticsAndUtilities, 5_ResidentialUse or any of their narrower values, or areas under construction.	
6_1_TransitionalAreas	transitional areas	Areas under construction. This class is used only for existing land use and not for planned land use.	6_OtherUses
6_2_AbandonedAreas	abandoned areas	Abandoned agricultural, residential and industrial, transport and basic infrastructure areas. The area belongs to the abandoned class if it is not in use and can no longer be used for the original purpose without major reparation or renovation work.	6_OtherUses
6_3_NaturalAreasNotInOtherEconomicUse	other economic use	Areas which are in natural state and not	6_OtherUses

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		in other economic use.	
6_3_1_LandAreasNotInOtherEconomicUse	in other economic use	Areas which are in natural state, e.g. woodland, shrubland, grassland, wetland, bare land, which are not in any other socio-economic use. This includes the areas with a planning status 'natural area'. Protected areas can belong to this class or, if other uses are present, also to other classes. Protected areas are always tagged with a supplementary regulation status 'protected area'.	6_3_NaturalAreasNotInOtherEconomicUse
6_3_2_WaterAreasNotInOtherEconomicUse	in other economic use	Water areas which are not in any other socio-economic use.	6_3_NaturalAreasNotInOtherEconomicUse
6_4_AreasWhereAnyUseIsAllowed	Areas where any use is allowed	Areas where any use is allowed in the Planned land use (PLU).	6_OtherUses
6_5_AreasWithoutAnySpecifiedPlannedUse	Specified Planned Use	Areas where no use is specified in the Planned land use (PLU), e.g. areas outside the scope of the plan.	6_OtherUses
6_6_NotKnownUse	not known use	Areas where the land use is unknown.	6_OtherUses

#### 4.3.2.2. Land Use Classification (LandUseClassificationValue)

List of land use categories to be used in INSPIRE Land Use and agreed at a national or local level.

The allowed values for this code list comprise any values defined by data providers.

#### 4.4. Existing Land Use

##### 4.4.1. Spatial object types

The package existing land use contains the following spatial object types:

- Existing Land Use Data Set

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— Existing Land Use Object

#### 4.4.1.1. Existing Land Use Data Set (ExistingLandUseDataSet)

An existing land use data set is a collection of areas for which information on existing (present or past) land uses is provided.

##### Attributes of the spatial object type ExistingLandUseDataSet

Attribute	Definition	Type	Voidability
inspireId	External object identifier of the spatial object.	Identifier	
extent	Boundary of the geometrical union of all the instances of the spatial object type ExistingLandUseObject.	GM_MultiSurface	
name	Human readable name of the data set.	CharacterString	
beginLifespanVersion	Date and time at which this version of the spatial object was inserted or changed in the spatial data set.	DateTime	voidable
endLifespanVersion	Date and time at which this version of the spatial object was superseded or retired in the spatial data set.	DateTime	voidable
validFrom	The time when the existing land use data set started to exist in the real world.	DateTime	voidable
validTo	The time from which this existing land use data set no longer exists in the real world.	DateTime	voidable

##### Association roles of the spatial object type ExistingLandUseDataSet

Association role	Definition	Type	Voidability
member	Reference to the LandUseObjects which belong to this ExistingLandUseDataSet	ExistingLandUseObject	

#### 4.4.1.2. Existing Land Use Object (ExistingLandUseObject)

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An existing land use object describes the land use of an area having a homogeneous combination of land use types.

#### Attributes of the spatial object type ExistingLandUseObject

Attribute	Definition	Type	Voidability
inspireId	External object identifier of the spatial object.	Identifier	
geometry	Geometric representation of spatial area covered by this object.	GM_MultiSurface	
beginLifespanVersion	Date and time at which this version of the spatial object was inserted or changed in the spatial data set.	DateTime	voidable
hilucsPresence	Actual presence of a land use category according to HILUCS within the object.	HILUCSPresence	voidable
hilucsLandUse	Land use HILUCS classes that are present in this existing land use object.	HILUCSValue	
specificLandUse	Land Use Category according to the nomenclature specific to this data set.	LandUseClassification	Voidable
specificPresence	Actual presence of a land use category within the object.	SpecificPresence	voidable
observationDate	The observation date associated to a description.	Date	voidable
endLifespanVersion	Date and time at which this version of the spatial object was superseded or retired in the spatial data set.	DateTime	voidable
validFrom	The time when the phenomenon started to exist in the real world.	DateTime	voidable
validTo	The time from which the phenomenon no	DateTime	voidable

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longer exists in the real world.		
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### Association roles of the spatial object type ExistingLandUseObject

Association role	Definition	Type	Voidability
dataSet	Existing land use data set to which this land use object belongs.	ExistingLandUseDataSet	

## 4.5. Gridded Land Use

### 4.5.1. Spatial object types

The package gridded land use contains the spatial object type Existing Land Use Grid.

#### 4.5.1.1. Existing Land Use Grid (ExistingLandUseGrid)

An existing land use grid is a collection of pixels for which information on existing (present or past) land use is provided. The HILUCS system shall be used for classification.

This type is a sub-type of RectifiedGridCoverage.

#### Attributes of the spatial object type ExistingLandUseGrid

Attribute	Definition	Type	Voidability
name	Human readable name of the data set.	CharacterString	
inspireId	External object identifier of the spatial object.	Identifier	
extent	Contains the extent of the data set.	EX_Extent	
beginLifespanVersion	Date and time at which this version of the spatial object was inserted or changed in the spatial data set.	DateTime	voidable
endLifespanVersion	Date and time at which this version of the spatial object was superseded or retired in the spatial data set.	DateTime	voidable
validFrom	First date at which this grid is a valid representation of reality.	DateTime	voidable
validTo	The time from which the grid is no longer	DateTime	voidable

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a valid representation of reality.		
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### Constraints of the spatial object type ExistingLandUseGrid

The rangeSet values shall be of type CategoryOrNilReason.

Range is based on either HILUCS or on a specific land use classification system defined by the data provider.

#### 4.6. Sampled Land Use

##### 4.6.1. Spatial object types

The package sampled land use contains the following spatial object types:

- Existing Land Use Sample
- Sampled Existing Land Use Data Set

##### 4.6.1.1. Existing Land Use Sample (ExistingLandUseSample)

Description of the existing land use that is present at the specific location.

#### Attributes of the spatial object type ExistingLandUseSample

Attribute	Definition	Type	Voidability
inspireId	External object identifier of the spatial object.	Identifier	
location	Location where the land use sample is taken.	GM_Point	
beginLifespanVersion	Date and time at which this version of the spatial object was inserted or changed in the spatial data set.	DateTime	voidable
hilucsLandUse	Land use HILUCS classes that are present in this existing land use sample.	HILUCSValue	
hilucsPresence	Actual presence of a land use category according to HILUCS within the object.	HILUCSPresence	voidable
specificLandUse	Land Use Category according to the nomenclature specific to this data set.	LandUseClassification	Voidable
observationDate	The observation date associated to a description.	Date	voidable

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specificPresence	Actual presence of a land use category within the object.	SpecificPresence	voidable
endLifespanVersion	Date and time at which this version of the spatial object was superseded or retired in the spatial data set.	DateTime	voidable
validFrom	The time when the phenomenon started to exist in the real world.	DateTime	voidable
validTo	The time from which the phenomenon no longer exists in the real world.	DateTime	voidable

#### Association roles of the spatial object type ExistingLandUseSample

Association role	Definition	Type	Voidability
dataset	Data set to which this sample belongs.	SampledExistingLandUseDataSet	

#### 4.6.1.2. Sampled Existing Land Use Data Set (SampledExistingLandUseDataSet)

A sampled existing land use data set is a collection of locations for which information on existing (present or past) land uses is provided.

#### Attributes of the spatial object type SampledExistingLandUseDataSet

Attribute	Definition	Type	Voidability
inspireId	External object identifier of the spatial object.	Identifier	
extent	The convex hull of all the instances of the spatial object type ExistingLandUseSample.	GM_MultiSurface	
name	Human readable name of the data set.	CharacterString	
beginLifespanVersion	Date and time at which this version of the spatial object was inserted or changed in the spatial data set.	DateTime	voidable
endLifespanVersion	Date and time at which this version of the spatial object was	DateTime	voidable

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	superseded or retired in the spatial data set.		
validFrom	First date at which this data set is valid in reality.	DateTime	voidable
validTo	The time from which the data set no longer exists in the real world.	DateTime	voidable

#### Association roles of the spatial object type **SampledExistingLandUseDataSet**

Association role	Definition	Type	Voidability
member	Reference to the members of the sampled existing land use data set.	ExistingLandUseSample	

### 4.7. Planned Land Use

#### 4.7.1. Spatial object types

The package planned land use contains the following spatial object types:

- Official Documentation
- Spatial Plan
- Supplementary Regulation
- Zoning Element

##### 4.7.1.1. Official Documentation (OfficialDocumentation)

The official documentation that composes the spatial plan; it may be composed of the applicable legislation, the regulations, cartographic elements, descriptive elements that may be associated with the complete spatial plan, a zoning element or a supplementary regulation. In some Member States the actual textual regulation will be part of the data set (and can be put in the regulationText attribute), in other Member States the text will not be part of the data set and will be referenced via a reference to a document or a legal act. At least one of the three voidable values shall be provided.

#### Attributes of the spatial object type **OfficialDocumentation**

Attribute	Definition	Type	Voidability
inspireId	External object identifier of the spatial object.	Identifier	
legislationCitation	Reference to the document that contains the text of the regulation.	LegislationCitation	voidable
regulationText	Text of the regulation.	CharacterString	voidable



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planDocument	Citation of scanned plans and structural drawings, which may be geo-referenced or not.	DocumentCitation	voidable
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### Constraints of the spatial object type OfficialDocumentation

At least one of the attributes legislationCitation, regulationText or planDocument shall be populated with a non-void value.

#### 4.7.1.2. Spatial Plan (SpatialPlan)

A set of documents that indicates a strategic direction for the development of a given geographic area, states the policies, priorities, programmes and land allocations that will implement the strategic direction and influences the distribution of people and activities in spaces of various scales. Spatial plans may be developed for urban planning, regional planning, environmental planning, landscape planning, national spatial plans, or spatial planning at the Union level.

#### Attributes of the spatial object type SpatialPlan

Attribute	Definition	Type	Voidability
inspireId	External object identifier of the spatial object.	Identifier	
extent	Geometrical union of all the instances of the spatial object types ZoningElement and SupplementaryRegulation. When a SpatialPlan is only composed of a document, the attribute extent is the border of the cartographic image that contains the land use information (i.e. the land use map extent).	GM_MultiSurface	
beginLifespanVersion	Date and time at which this version of the spatial object was inserted or changed in the spatial data set.	DateTime	voidable
officialTitle	Official title of the spatial plan.	CharacterString	
levelOfSpatialPlan	Level of the administrative units covered by the plan.	LevelOfSpatialPlanValue	

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endLifespanVersion	Date and time at which this version of the spatial object was superseded or retired in the spatial data set.	DateTime	voidable
validFrom	First date at which this spatial plan is valid in reality.	DateTime	voidable
validTo	The time from which the spatial plan no longer exists in the real world.	DateTime	voidable
alternativeTitle	Alternative (unofficial) title of the spatial plan.	CharacterString	voidable
planTypeName	Name of the type of plan that the Member State has given to the plan.	PlanTypeNameValue	
processStepGeneral	General indication of the step of the planning process that the plan is undergoing.	ProcessStepGeneralValue	voidable
backgroundMap	Identification of the background map that has been used for constructing this plan.	BackgroundMapValue	voidable
ordinance	Reference to relevant administrative ordinance.	OrdinanceValue	voidable

#### Association roles of the spatial object type SpatialPlan

Association role	Definition	Type	Voidability
officialDocument	Link to the official documents that relate to the spatial plan.	OfficialDocumentation	voidable
member	Reference to the ZoningElements which belong to this SpatialPlan	ZoningElement	
restriction	Links to supplementary regulations providing information and/or	SupplementaryRegulation	

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	limitations on the use of land/water that supplements the zoning as part of this spatial plan.		
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#### 4.7.1.3. Supplementary Regulation (SupplementaryRegulation)

A spatial object (point, line or polygon) of a spatial plan that provides supplementary information and/or limitation on the use of land/water, necessary for spatial planning reasons or to formalise external rules defined in legal text.

#### Attributes of the spatial object type SupplementaryRegulation

Attribute	Definition	Type	Voidability
inspireId	External object identifier of the spatial object.	Identifier	
geometry	Geometry of the piece of land on which the supplementary regulation applies.	GM_Object	
validFrom	First date at which this version of this supplementary regulation is valid in reality.	DateTime	voidable
validTo	The date from which the supplementary regulation is no longer valid.	DateTime	voidable
regulationNature	Legal nature of the land use regulation.	RegulationNatureValue	
specificSupplementaryRegulation	Regulation to a category of supplementary regulation provided in a specific nomenclature of supplementary regulations provided by the data provider.	SpecificSupplementaryRegulationValue	
supplementaryRegulationCode	Code of the supplementary regulation from the hierarchical supplementary regulation code	SupplementaryRegulationValue	

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	list agreed at the European level.		
beginLifespanVersion	Date and time at which this version of the spatial object was inserted or changed in the spatial data set.	DateTime	voidable
endLifespanVersion	Date and time at which this version of the spatial object was superseded or retired in the spatial data set.	DateTime	voidable
processStepGeneral	General indication of the step of the planning process that the supplementary regulation is undergoing.	ProcessStepGeneralValue	voidable
backgroundMap	Identification of the background map that has been used for constructing the supplementary regulation.	BackgroundMapValue	voidable
dimensioningIndication	Specifications about the dimensioning that are added to the dimensioning of the zoning elements that overlap the geometry of the supplementary regulation.	DimensioningIndicationValue	voidable
inheritedFromOtherPlan	Indication whether the supplementary regulation is inherited from another spatial plan.	Boolean	voidable
specificRegulationNature	Legal nature of the land use regulation from a national perspective.	CharacterString	voidable
name	Official name of the supplementary regulation	CharacterString	voidable

#### Association roles of the spatial object type SupplementaryRegulation

Association role	Definition	Type	Voidability
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officialDocument	Link to the textual regulations that correspond to this supplementary regulation.	OfficialDocumentation	voidable
plan	Link to the plan this supplementary regulation is part of.	SpatialPlan	

#### 4.7.1.4. Zoning Element (ZoningElement)

A spatial object which is homogeneous regarding the permitted uses of land based on zoning which separate one set of land uses from another.

##### Attributes of the spatial object type ZoningElement

Attribute	Definition	Type	Voidability
inspireId	External object identifier of the spatial object.	Identifier	
geometry	Geometry of this zoning element.	GM_MultiSurface	
validFrom	The date when the phenomenon started to exist in the real world.	DateTime	voidable
validTo	The time from which the phenomenon no longer exists in the real world.	DateTime	voidable
hilucsLandUse	Land use class that is dominant in this land use object.	HILUCSValue	
beginLifespanVersion	Date and time at which this version of the spatial object was inserted or changed in the spatial data set.	DateTime	voidable
hilucsPresence	Actual presence of a land use category within the object.	HILUCSPresence	voidable
specificLandUse	Land Use Category according to the nomenclature specific to this data set.	LandUseClassification	voidable

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specificPresence	Actual presence of a land use category within the object.	SpecificPresence	voidable
regulationNature	Legal nature of the land use indication.	RegulationNatureValue	
endLifespanVersion	Date and time at which this version of the spatial object was superseded or retired in the spatial data set.	DateTime	voidable
processStepGeneral	General indication of the step of the planning process that the zoning element is undergoing.	ProcessStepGeneralValue	voidable
backgroundMap	Identification of the background map that has been used for constructing this zoning element.	BackgroundMapValue	voidable
dimensioningIndication	Specifications about the dimensioning of the urban developments.	DimensioningIndicationValue	voidable

#### Association roles of the spatial object type ZoningElement

Association role	Definition	Type	Voidability
plan	SpatialPlan which this ZoningElement belongs to.	SpatialPlan	
officialDocument	Textual Regulation that is part of this zoning element.	OfficialDocumentation	voidable

#### 4.7.2. Data types

##### 4.7.2.1. Background Map (BackgroundMapValue)

Information regarding the map that has been used as a background in the definition of a spatial plan, a zoning element or a supplementary regulation.

##### Attributes of the data type BackgroundMapValue

Attribute	Definition	Type	Voidability
backgroundMapDate	Date of the background map used.	DateTime	

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backgroundMapReference	Reference to the background map that has been used.	CharacterString	
backgroundMapURI	URI referring to service that provides background map.	URI	voidable

#### 4.7.2.2. Character-valued Dimensioning Indication (DimensioningIndicationCharacterValue)

Dimensioning indication whose value is of type CharacterString.

This type is a sub-type of DimensioningIndicationValue.

##### Attributes of the data type DimensioningIndicationCharacterValue

Attribute	Definition	Type	Voidability
value	Value of the dimension indications.	CharacterString	

#### 4.7.2.3. Integer-valued Dimensioning Indication (DimensioningIndicationIntegerValue)

Dimensioning indication whose value is of type integer.

This type is a sub-type of DimensioningIndicationValue.

##### Attributes of the data type DimensioningIndicationIntegerValue

Attribute	Definition	Type	Voidability
value	Value of the dimension indications.	Integer	

#### 4.7.2.4. Measure-valued Dimensioning Indication (DimensioningIndicationMeasureValue)

Dimensioning indication whose value is a measure.

This type is a sub-type of DimensioningIndicationValue.

##### Attributes of the data type DimensioningIndicationMeasureValue

Attribute	Definition	Type	Voidability
value	Value of the dimension indications.	Measure	

#### 4.7.2.5. Real-valued Dimensioning Indication (DimensioningIndicationRealValue)

Dimensioning indication whose value is a floating point number.

This type is a sub-type of DimensioningIndicationValue.

##### Attributes of the data type DimensioningIndicationRealValue

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Attribute	Definition	Type	Voidability
value	Value of the dimension indications.	Real	

#### 4.7.2.6. Dimensioning Indication (DimensioningIndicationValue)

Specifications about the dimensioning of the urban developments.

##### Attributes of the data type DimensioningIndicationValue

Attribute	Definition	Type	Voidability
indicationReference	Description of the dimension indication.	CharacterString	

#### 4.7.2.7. Ordinance (OrdinanceValue)

Reference to administrative ordinance. Ordinance is a regulation/rule that is adopted by an authority that is legally mandated to take such ordinance.

##### Attributes of the data type OrdinanceValue

Attribute	Definition	Type	Voidability
ordinanceDate	Date of the relevant administrative ordinance.	DateTime	
ordinanceReference	Reference to relevant administrative ordinance.	CharacterString	

#### 4.7.3. Code lists

##### 4.7.3.1. Level Of Spatial Plan (LevelOfSpatialPlanValue)

Territorial hierarchy of plan.

The allowed values for this code list comprise only the values specified in the table below.

##### Values for the code list LevelOfSpatialPlanValue

Value	Name	Definition
infraLocal	infra-local	A plan that covers only part of a municipality.
local	local	Plan at municipal level, corresponding to the lower level of administration equivalent to LAU2 as laid down in Annex III to Regulation (EC) No 1059/2003 of the European

<sup>a</sup> OJ L 154, 21.6.2003, p. 1.



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		Parliament and of the Council <sup>a</sup> .
supraLocal	supra-local	A plan that overlaps several municipalities (entirely or partially).
infraRegional	infra-regional	A plan that overlaps several infra-administrative units in one administrative region.
regional	regional	Plan at regional level (equivalent to NUTS2 of EUROSTAT nomenclature of statistical units as established in Regulation (EC) No 1059/2003).
supraRegional	supra-regional	A plan that overlaps several administrative regions.
national	national	Plan at Member State level.
other	other	Other level of spatial plan.

<sup>a</sup> OJ L 154, 21.6.2003, p. 1.

#### 4.7.3.2. Process Step General (ProcessStepGeneralValue)

General indication of the step in the planning process that the plan is undergoing.

The allowed values for this code list comprise only the values specified in the table below.

##### Values for the code list ProcessStepGeneralValue

Value	Name	Definition
adoption	in the process of adoption	Plan in the process of being legally adopted.
elaboration	under elaboration	Plan under elaboration.
legalForce	legally binding or active	Plan already adopted and being legally binding or active.
obsolete	obsolete	Plan having been substituted by another plan, or not being any longer in force.

#### 4.7.3.3. Regulation Nature (RegulationNatureValue)

Legal nature of the land use indication.

The allowed values for this code list comprise only the values specified in the table below.

##### Values for the code list RegulationNatureValue

Value	Name	Definition
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bindingForDevelopers	binding for developers	The land use indication is binding only for the entity in charge of developing an area.
bindingOnlyForAuthorities	binding only for authorities	The land use indication is binding only for certain authorities.
generallyBinding	generally binding	The land use indication is binding for everybody.
nonBinding	not binding	The land use indication is not binding.
definedInLegislation	defined in legislation	The land use indication is defined by the legislation.

#### 4.7.3.4. Plan Type Name (PlanTypeNameValue)

Types of plans as defined in the Member States. The allowed values for this code list comprise any values defined by data providers.

#### 4.7.3.5. Specific Supplementary Regulation (SpecificSupplementaryRegulationValue)

Category of supplementary regulation provided in a specific nomenclature of supplementary regulations provided by the data provider.

The allowed values for this code list comprise any values defined by data providers.

#### 4.7.3.6. Supplementary Regulation (SupplementaryRegulationValue)

Types of conditions and constraints in spatial plans.

The allowed values for this code list comprise any values defined by data providers.

Data providers may use the values specified in the INSPIRE Technical Guidance document on Land Use.

### 4.8. Theme-specific Requirements

- (1) Any Land Use data sets shall assign to each polygon, pixel or location a land use type from the Hierarchical INSPIRE Land Use Classification System (HILUCS) at the most appropriate and detailed level of the hierarchy.
- (2) The spatial object type CoverageByDomainAndRange must only be of subtypes of GridCoverage.
- (3) Where a zone has been established to regulate planned land use and defined within a legally binding spatial plan, it falls within the scope of the Land Use theme and shall be encoded as a SupplementaryRegulation. However, if the zone has been established by legislative requirement but not defined within a legally binding spatial plan, then it shall be encoded as a ManagementRestrictionOrRegulationZone.
- (4) Based on the INSPIRE horizontal coordinate reference system, each Member State shall define a projection or a set of projections suitable for working with the underlying cadastral parcels on national territory and cross-border areas where applicable for a SpatialPlan. A projection is suitable if it offers few linear alterations (ideally less than 50 cm per 500 m) and so enables users to measure distances and surfaces in

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meaningful way. This projection or set of projections has to be defined in agreement with neighbouring countries. This projection or set of projections must be well documented to allow the conversion from and to the common Coordinate Reference System. The documentation shall be provided according to ISO 19111, which states how a projected coordinate reference system must be described.

- (5) The use of the common metadata element ‘Spatial Resolution’ (according to Section 6.2 of part B of the Annex to Regulation (EC) No 1205/2008) shall be restricted to providing a resolution distance.
- (6) Data providers shall include the following keywords in addition to the mandatory keywords defined in Regulation (EC) No 1205/2008/EC:
- (a) One of the following language-neutral keywords to describe the type of land use data set: ExistingLandUse, SampledExistingLandUse, GriddedExistingLandUse, PlannedLandUse.
- (b) If the data set contains SpatialPlan objects, one keyword describing the level of the administrative units covered by the plan, as defined in the LevelOfSpatialPlan code list.

#### 4.9. Layers

##### Layers for the spatial data theme Land Use

Layer Name	Layer Title	Spatial object type
LU.ExistingLandUse	Existing Land Use objects according to the Hierarchical INSPIRE Land Use Classification System at the most appropriate level	ExistingLandUseObject
LU.SpatialPlan	Extent of a spatial plan	SpatialPlan
LU.ZoningElement	Spatial planning Zoning objects according to the Hierarchical INSPIRE Land Use Classification System at the most appropriate level	ZoningElement
LU.SupplementaryRegulation	Regulations that supplement the zoning and that affect the use of land	SupplementaryRegulation]

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**Changes and effects yet to be applied to the whole legislation item and associated provisions**

- Annex 1 para. 8.1.3.1 words inserted by [S.I. 2018/1338 reg. 13\(10\)\(c\)\(ii\)](#)
- Annex 1 para. 8.1.3.1 words inserted by [S.I. 2018/1338 reg. 13\(10\)\(c\)\(iii\)](#)
- Annex 1 para. 7.3.3.1 words omitted by [S.I. 2018/1338 reg. 13\(10\)\(a\)](#)
- Annex 1 para. 8.1.3.2 words omitted by [S.I. 2018/1338 reg. 13\(10\)\(d\)\(i\)](#)
- Annex 1 para. 8.1.3.2 words omitted by [S.I. 2018/1338 reg. 13\(10\)\(d\)\(ii\)](#)
- Annex 1 para. 8.1.1.1 words substituted by [S.I. 2018/1338 reg. 13\(10\)\(b\)](#)
- Annex 1 para. 8.1.3.1 words substituted by [S.I. 2018/1338 reg. 13\(10\)\(c\)\(i\)](#)
- Annex 2 para. 1.3.4(2) omitted by [S.I. 2018/1338 reg. 13\(11\)\(b\)](#)
- Annex 2 para. 2.2(2) omitted by [S.I. 2018/1338 reg. 13\(11\)\(c\)](#)
- Annex 2 para. 3.1.1 words omitted by [S.I. 2018/1338 reg. 13\(11\)\(d\)](#)
- Annex 2 para. 6.1.4 words omitted by [S.I. 2018/1338 reg. 13\(11\)\(k\)](#)
- Annex 2 para. 7.6.1.6 words omitted by [S.I. 2018/1338 reg. 13\(11\)\(l\)](#)
- Annex 2 para. 7.9.1 words omitted by [S.I. 2018/1338 reg. 13\(11\)\(n\)](#)
- Annex 2 para. 8.7.1 words omitted by [S.I. 2018/1338 reg. 13\(11\)\(o\)\(i\)](#)
- Annex 2 para. 9.4.1 words omitted by [S.I. 2018/1338 reg. 13\(11\)\(s\)\(ii\)](#)
- Annex 2 para. 9.4.5 words omitted by [S.I. 2018/1338 reg. 13\(11\)\(t\)](#)
- Annex 2 heading words substituted by [S.I. 2018/1338 reg. 13\(11\)\(a\)](#)
- Annex 2 para. 3.3.4 words substituted by [S.I. 2018/1338 reg. 13\(11\)\(e\)\(i\)](#)
- Annex 2 para. 3.3.4 words substituted by [S.I. 2018/1338 reg. 13\(11\)\(e\)\(ii\)](#)
- Annex 2 para. 4.2.1.2 words substituted by [S.I. 2018/1338 reg. 13\(11\)\(f\)](#)
- Annex 2 para. 4.4(1) words substituted by [S.I. 2018/1338 reg. 13\(11\)\(g\)](#)
- Annex 2 para. 5.2.4 words substituted by [S.I. 2018/1338 reg. 13\(11\)\(h\)](#)
- Annex 2 para. 5.3.2 words substituted by [S.I. 2018/1338 reg. 13\(11\)\(i\)](#)
- Annex 2 para. 6.1 words substituted by [S.I. 2018/1338 reg. 13\(11\)\(j\)](#)
- Annex 2 para. 7.7.1.15 words substituted by [S.I. 2018/1338 reg. 13\(11\)\(m\)](#)
- Annex 2 para. 8.7.1 words substituted by [S.I. 2018/1338 reg. 13\(11\)\(o\)\(ii\)](#)
- Annex 2 para. 8.7.2 words substituted by [S.I. 2018/1338 reg. 13\(11\)\(p\)](#)
- Annex 2 para. 8.7.4 words substituted by [S.I. 2018/1338 reg. 13\(11\)\(q\)](#)
- Annex 2 para. 9.1.1 words substituted by [S.I. 2018/1338 reg. 13\(11\)\(r\)](#)
- Annex 2 para. 9.4.1 words substituted by [S.I. 2018/1338 reg. 13\(11\)\(s\)\(i\)](#)
- Art. 2(2) words substituted by [S.I. 2018/1338 reg. 13\(3\)\(a\)](#)
- Art. 2(3) words substituted by [S.I. 2018/1338 reg. 13\(3\)\(b\)](#)
- Art. 2(20) words substituted by [S.I. 2018/1338 reg. 13\(3\)\(c\)](#)
- Art. 2(39)(40) inserted by [S.I. 2018/1338 reg. 13\(3\)\(d\)](#)
- Annex 3 heading words substituted by [S.I. 2018/1338 reg. 13\(12\)\(a\)](#)
- Annex 3 para. 1.7.5 point (3) words substituted by [S.I. 2018/1338 reg. 13\(12\)\(b\)](#)
- Annex 4 para. 1.5 point (2) omitted by [S.I. 2018/1338 reg. 13\(13\)\(b\)](#)
- Annex 4 para. 16.2.3 word inserted by [S.I. 2018/1338 reg. 13\(13\)\(p\)\(i\)](#)
- Annex 4 para. 18.4.8 word omitted by [S.I. 2018/1338 reg. 13\(13\)\(u\)\(ii\)](#)
- Annex 4 para. 4.7.1.1 word substituted by [S.I. 2018/1338 reg. 13\(13\)\(c\)\(i\)](#)
- Annex 4 para. 4.7.1.1 word substituted by [S.I. 2018/1338 reg. 13\(13\)\(c\)\(ii\)](#)
- Annex 4 para. 4.7.1.3.1 word substituted by [S.I. 2018/1338 reg. 13\(13\)\(e\)\(iii\)](#)
- Annex 4 para. 18.4.8 word substituted by [S.I. 2018/1338 reg. 13\(13\)\(u\)\(i\)](#)
- Annex 4 para. 5.1.5 words inserted by [S.I. 2018/1338 reg. 13\(13\)\(h\)](#)
- Annex 4 para. 10.3.2 words inserted by [S.I. 2018/1338 reg. 13\(13\)\(k\)](#)
- Annex 4 para. 11.3.1 words inserted by [S.I. 2018/1338 reg. 13\(13\)\(l\)\(iii\)\(bb\)](#)
- Annex 4 para. 11.3.1 words inserted by [S.I. 2018/1338 reg. 13\(13\)\(l\)\(vii\)\(aa\)](#)
- Annex 4 para. 17.4.2 words inserted by [S.I. 2018/1338 reg. 13\(13\)\(q\)\(i\)\(aa\)](#)
- Annex 4 para. 17.4.2 words inserted by [S.I. 2018/1338 reg. 13\(13\)\(q\)\(i\)\(bb\)](#)

- Annex 4 para. 17.4.2 words inserted by S.I. 2018/1338 reg. 13(13)(q)(ii)
- Annex 4 para. 17.4.3 words inserted by S.I. 2018/1338 reg. 13(13)(r)(ii)(bb)
- Annex 4 para. 18.4.2 words inserted by S.I. 2018/1338 reg. 13(13)(s)(ii)
- Annex 4 para. 4.7.1.2 words omitted by S.I. 2018/1338 reg. 13(13)(d)(i)
- Annex 4 para. 4.7.1.2 words omitted by S.I. 2018/1338 reg. 13(13)(d)(ii)
- Annex 4 para. 4.7.3.4 words omitted by S.I. 2018/1338 reg. 13(13)(f)
- Annex 4 para. 11.3.1 words omitted by S.I. 2018/1338 reg. 13(13)(l)(iv)
- Annex 4 para. 11.3.1 words omitted by S.I. 2018/1338 reg. 13(13)(l)(v)
- Annex 4 para. 11.3.1 words omitted by S.I. 2018/1338 reg. 13(13)(l)(vi)
- Annex 4 para. 11.3.1 words omitted by S.I. 2018/1338 reg. 13(13)(l)(vii)(bb)
- Annex 4 para. 11.4.1 point (3)(b) words omitted by S.I. 2018/1338 reg. 13(13)(m)
- Annex 4 para. 13.2.1.1 words omitted by S.I. 2018/1338 reg. 13(13)(n)
- Annex 4 para. 13.3 point (3) words omitted by S.I. 2018/1338 reg. 13(13)(o)
- Annex 4 para. 16.2.3 words omitted by S.I. 2018/1338 reg. 13(13)(p)(ii)
- Annex 4 para. 17.4.3 words omitted by S.I. 2018/1338 reg. 13(13)(r)(i)
- Annex 4 para. 18.4.7 words omitted by S.I. 2018/1338 reg. 13(13)(t)
- Annex 4 para. 19.1 words omitted by S.I. 2018/1338 reg. 13(13)(v)
- Annex 4 para. 11.3.1 words omitted by S.I. 2018/1338 reg. 13(13)(l)(ix)
- Annex 4 heading words substituted by S.I. 2018/1338 reg. 13(13)(a)
- Annex 4 para. 4.7.1.3.1 words substituted by S.I. 2018/1338 reg. 13(13)(e)(i)
- Annex 4 para. 4.7.1.3.1 words substituted by S.I. 2018/1338 reg. 13(13)(e)(ii)
- Annex 4 para. 4.8 point (4) words substituted by S.I. 2018/1338 reg. 13(13)(g)(i)
- Annex 4 para. 4.8 point (5) words substituted by S.I. 2018/1338 reg. 13(13)(g)(ii)
- Annex 4 para. 6.9.1.1 words substituted by S.I. 2018/1338 reg. 13(13)(i)
- Annex 4 para. 9.1 point (1) words substituted by S.I. 2018/1338 reg. 13(13)(j)(i)
- Annex 4 para. 9.1 point (2) words substituted by S.I. 2018/1338 reg. 13(13)(j)(ii)
- Annex 4 para. 11.3.1 words substituted by S.I. 2018/1338 reg. 13(13)(l)(i)
- Annex 4 para. 11.3.1 words substituted by S.I. 2018/1338 reg. 13(13)(l)(ii)
- Annex 4 para. 11.3.1 words substituted by S.I. 2018/1338 reg. 13(13)(l)(iii)(aa)
- Annex 4 para. 11.3.1 words substituted by S.I. 2018/1338 reg. 13(13)(l)(viii)
- Annex 4 para. 17.4.3 words substituted by S.I. 2018/1338 reg. 13(13)(r)(ii)(aa)
- Annex 4 para. 18.4.2 words substituted by S.I. 2018/1338 reg. 13(13)(s)(i)
- Annex 4 para. 18.4.8 words substituted by S.I. 2018/1338 reg. 13(13)(u)(iii)
- Annex 7 para. 2 words substituted by S.I. 2018/1338 reg. 13(14)