European Environment Agency

Reporting of establishment information under the Seveso Directive (eSPIRS)

Data model documentation

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Contents

Acknowledgments **2**
Version control **2**
Contents **3**
1 Introduction **4**
1.1 The legal basis 4
1.2 The submission procedure 4
2 Seveso eSPIRS Data Model **5**
2.1 Structure of the data model 5
2.2 Logic of the data model 5
2.3 Access to the data model 9
3 Detailed description: feature types, data types and code lists **10**
3.1 Feature types 10
3.1.1 ContextualInformation 10
3.1.2 CompetentAuthority 10
3.1.3 SevesoEstablishment 11
3.1.4 SevesoEstablishmentConfidentiality 12
3.1.5 ProductionSite 13
3.1.6 ProductionSiteConfidentiality 13
3.1.7 EstablishmentSubstances 13
3.2 Data types 14
3.2.1 Identifier 14
3.2.2 ThematicIdentifier 14
3.2.3 AddressDetails 14
3.2.4 OtherIndustryType 15
3.2.5 GM_Point 15
3.3 Code lists 16
Annex 1 - Glossary of Terms **17**
Annex 2 – Data requirements in CID 2022/1979 vs CID 2014/895 ..... **18**

1 Introduction

This document describes the new data model that has been developed in order to handle the necessary administrative information for industrial facilities that European Member States (MS) and other reporting countries are required to report on Seveso eSPIRS (e-Seveso Plant Information Retrieval System) under the Seveso-III Directive (Directive 2012/18/EU). The resulting dataflow is hereafter referred to as the 'Seveso eSPIRS reporting'.

This document defines the scope and logic of the Seveso eSPIRS reporting dataflow. In addition to this document, two further related documents will be prepared which address other aspects of the data flow, namely the following:

- The Data Exchange Format Specification
- The quality assurance of the data submissions the QA/QC Manual and,
- A Manual for Reporters, which will guide reporters on the practicalities of the reporting.

1.1 The legal basis

This data model document tackles the data reporting on entities within scope of the Seveso-III Directive and implemented through Commission Implementing Decision 2022/1979 (CID).

1.2 The submission procedure

Countries will submit the Seveso eSPIRS dataflow, including administrative data on sites and establishments under the Seveso-III Directive to the EEA Reportnet 3 platform following a procedure that will be described in detail in a separate Manual for Reporters. Reportnet 3 provides an interface for interacting with the data in tabular form and natively supports data import in csv format. The EEA will harvest country data submissions to aggregate a European-wide dataset and release that dataset, excluding any confidential data, for analysis, public access, and support of environmental programs. An overview of the reporting requirements introduced by CID 2022/1979 compared to the ones included the previous Commission Implementing Decision 2014/895 is provided in Table 1 of Annex 2.

2 Seveso eSPIRS Data Model

2.1 Structure of the data model

This document defines the data model comprising all data elements required by the CID, specifying their data types, their obligatory and confidential status and their inter-relationships. This model is intended to guide the development and configuration of national data collection and management systems in preparation for the new reporting obligation. Specifications for the data format to be used with Reportnet 3 will be provided separately in the Data Exchange Format Specification.

The Seveso eSPIRS data model consists of data fields, referred to as attributes that represent individual pieces of information. The model is structured around of three main elements:

1. **Feature types**: represent distinct concepts (e.g. *SevesoEstablishment*) and contain multiple attributes used to collect related information
2. **Data types**: used for an attribute with several items of information (e.g. an address)
3. **Code lists**: are pre-defined sets of values used to standardise the information collected in certain attributes (e.g. a status)

A code list is typically identified by appending the term 'value' to its name. Each data type may consist of multiple attributes.

These structural elements are shown in Figure 1, Figure 2 and Figure 3.

Multiplicity indicates whether an attribute must be reported and how many times it can be provided. It reflects the optionality defined in the legal framework (i.e. the Seveso-III Directive and the CID). For example, multiplicity of [0..*] means a value is optional and can be reported zero, one, or multiple times. Attributes where no multiplicity is specified in the data model diagrams (Figure 1 and Figure 2) are considered mandatory; if their multiplicity were to be listed, it would be [1..1].

2.2 Logic of the data model

ProductionSite and *SevesoEstablishment* feature types are mandatory and must always be reported. Single geographic points must be provided for both feature types in the data model. If an establishment contains substances that are hazardous according to the Seveso-III Directive, information on these substances can be reported using the *EstablishmentSubstance* feature type. This includes details such as substance name, quantity, and physical properties, limited to substances within the scope of the Directive. Confidentiality information is managed separately for *ProductionSite* and *SevesoEstablishment* through the *ProductionSiteConfidentiality* and *SevesoEstablishmentConfidentiality* feature types. For *EstablishmentSubstances*, confidentiality attributes are embedded within the feature type itself. Table 1 in Annex 2 provides an overview of the attributes potentially subject to confidentiality, listing all the corresponding attributes involved in the confidentiality declaration.

Figure 1 Diagram of Seveso Reporting eSPIRS dataflow feature types

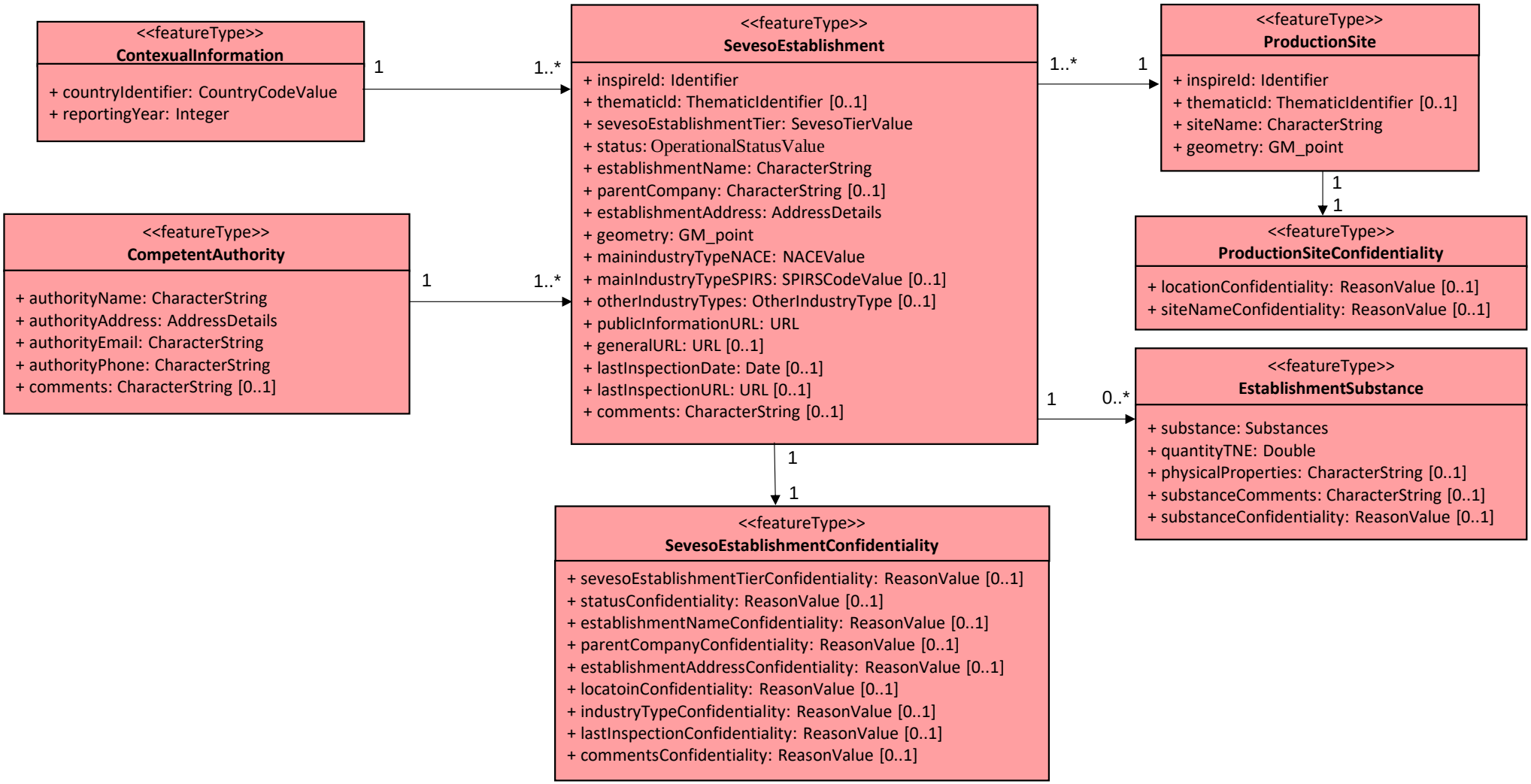

Figure 2 Diagram of Seveso Reporting eSPIRS dataflow data types

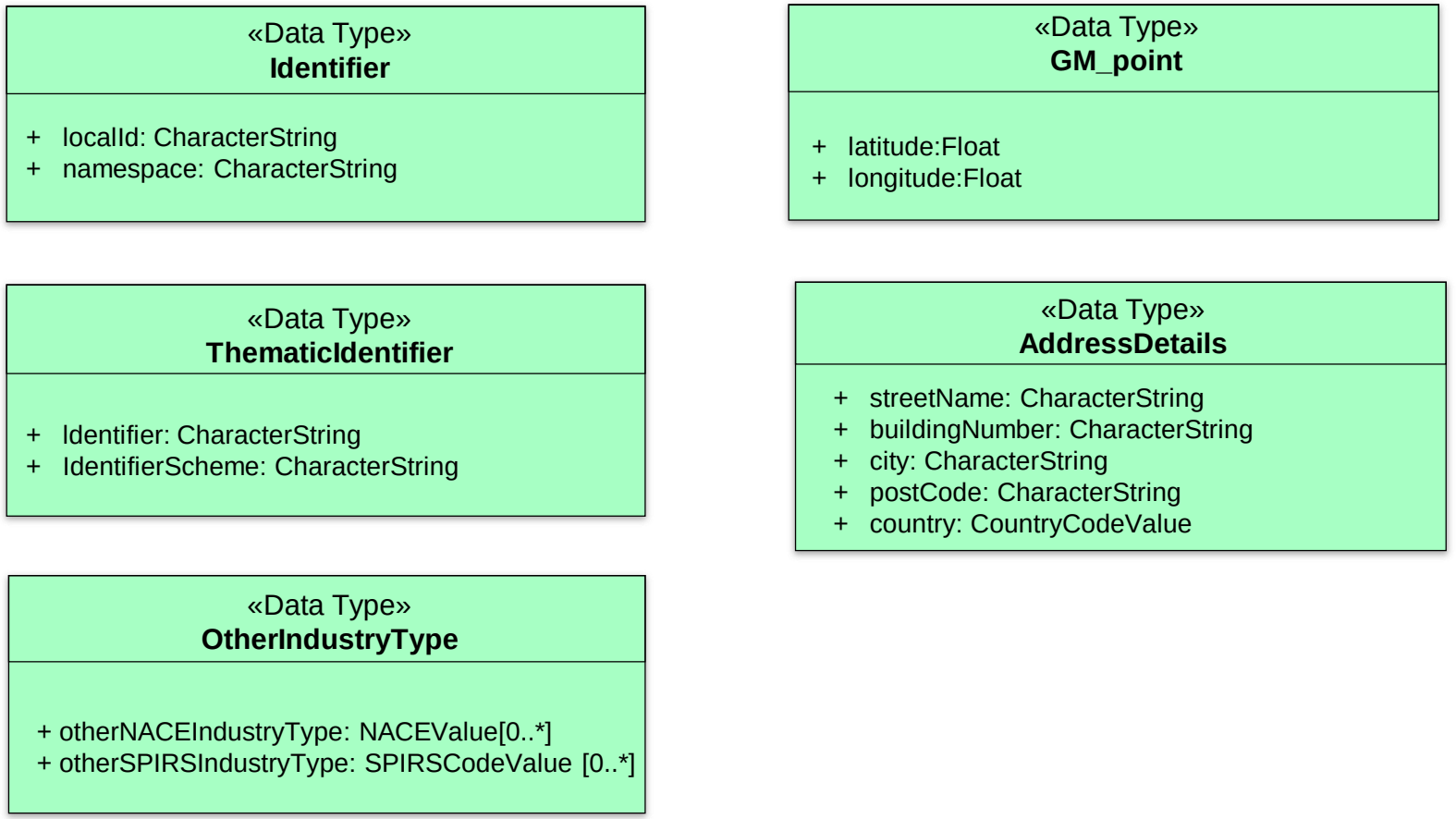

Figure 3 Diagram of Seveso Reporting eSPIRS dataflow code lists

2.3 Access to the data model

During the development phase, all materials related to the Seveso Reporting eSPIRS dataflow are published at the project website: https://eionet.europa.eu/reportnet/seveso.

This website will contain the latest versions of the following documents as they become available:

- The Seveso Reporting eSPIRS data model (this document)
- The Data Exchange Format Specification
- The Manual for Reporters
- The QA/QC manual

Once the Seveso Reporting eSPIRS dataflow enters its operational phase, all materials will be relocated to a designated area on the official reporting platform.

3 Detailed description: feature types, data types and code lists

This section provides a systematic overview of all attributes included in the feature types, the characteristics of data types referenced by the feature types, and an explanation of the code lists utilised across the data model.

3.1 Feature types

A feature type is the core entity in a Unified Modelling Language (UML) data model. It represents a class of data together with relevant attributes. The attributes may reference data types or be populated with values from code lists, numeric data, or text.

3.1.1 ContextualInformation

The *ContextualInformation* feature type is designed to provide contextual information about both the reporting country and the reporting year for which a submission is made. These data are required in order to build a consistent database over time. The feature type consists of two attributes:

- **countryIdentifier:** This attribute is populated with values from the *CountryCodeValue* code list, which includes all countries required to report eSPIRS data.
- **reportingYear:** Specifies the year to which the submission covers (e.g. if the information is valid as of 2023, but is reported in 2024, the reportingYear should be 2023).

Each country must provide a single contextual information entry per reporting cycle.

3.1.2 CompetentAuthority

This feature type is used to capture the name of the competent authority, which is the body designated by the Member State to report data under the Seveso Directive. It contains five attributes to collect identification and contact information for this authority:

- **authorityName**: The name of the competent authority (max length 255).
- **authorityAddress**: This attribute links to the *AddressDetails* data type, which contains all the necessary attributes to detail an address.
- **authorityEmail**: This attribute is a character string (max length 255) representing the email address of the competent authority, as specified in the *authorityName* attribute. The EEA encourages the use of functional mailboxes (e.g. team or department mailboxes) instead of individual accounts. This can be used in a generic sense and can refer to mailboxes for teams and departments within the authority. The provided email should adhere to the common format and point to a functioning mailbox.
- **authorityPhone**: A character string (max length 30) representing the phone number for the authority referenced in the *authorityName* attribute. The number should include necessary area codes for international dialling.
- **comments**: A character string (max length 500) containing additional information about the competent authority. This attribute has a multiplicity of [0..1].

Each country is expected to designate and report a single competent authority.

3.1.3 SevesoEstablishment

The *SevesoEstablishment* feature type is linked to the *ContextualInformation* and *CompetentAuthority* feature types with multiplicity of [1..*], allowing for the reporting of one or multiple Seveso Establishments. These links are formal in nature within the context of an individual country report, as both *ContextualInformation* and *CompetentAuthority* contain a single entry that applies to all *SevesoEstablishment* instances reported.

Unless otherwise specified, all attributes within *SevesoEstablishment* are mandatory and have a multiplicity of [1..1]:

- **inspireId**: This essential attribute links to the *Identifier* data type and is the fundamental building block enabling the effective sharing of geospatial environmental information. It is also the key for establishing the crosslinking of eSPIRS and eMARS reporting.
- **thematicId**: Used by reporting countries to provide an optional, country-specific identifier based on their national reporting systems. It links to the *ThematicIdentifier* data type and has a multiplicity of [0..1], meaning it may be left unpopulated.
- **sevesoEstablishmentTier:** Populated using the *SevesoTierValue* code list, this attribute specifies whether the establishment is classified as a lower or upper tier site according to Annex I of the Seveso-III Directive.
- **status:** This attribute, populated using the *OperationalStatusValue* code list, indicates the operational status of the establishment.
- **establishmentName:** A character string (max length 255) representing the name of the Seveso establishment.
- **parentCompany:** A character string (max length 255) representing the name of the parent company. The attribute is optional and has a multiplicity of [0..1].
- **establishmentAddress**: Links to the *AddressDetails* data type, which contains the necessary attributes to specify the establishments address.
- **geometry**: Populated with the *GM_point* data type, this attribute defines the geographic coordinates of the establishment, representing its approximate centre. Coordinates must use the ETRS89 (2D)-EPSG:4258 reference system with an accuracy of 10 meters (i.e., specified to five decimal places).
- **mainIndustryTypeNACE**: A mandatory attribute populated using the *NACEValue* code list, indicating the establishment's main economic activity according to the Eurostat NACE classification. Additional secondary activities may be included in the *otherIndustryTypes* attribute.
- **mainIndustryTypeSPIRS**: An optional attribute (multiplicity [0..1]) populated using the *SPIRSCodeValue* code list, indicating the establishment's main industry type based on the historical SPRIS classification. While not mandatory, reporters are encouraged to populate this attribute to enable continuity of statistical comparisons. Additional secondary SPRIS types can also be reported in the *otherIndustryTypes* attribute.
- **otherIndustryTypes**: Links to the *OtherIndustryType* data type, which includes attributes to capture any secondary NACE economic activities and SPIRS industry types relevant to the establishment. This attribute is optional and has a multiplicity of [0..1].
- **publicInformationURL**: The URL (max length 255) where the public can access information as required under Annex V of the Seveso-III Directive.
- **generalURL**: The URL (max length 255) to the parent company's website. This attribute is optional and has a multiplicity of [0..1].
- **lastInspectionDate**: The date of the most recent inspection of the establishment. Inspections include activities such as site visits, checks of internal measures, documentation checks, and any necessary

follow-up undertaken by or on behalf of the competent authority to check and promote compliance of the Seveso-III Directive. This attribute is optional and has a multiplicity of [0..1].

- **lastInspectionURL**: The URL (max length 255) linking to the conclusions of the most recent inspection. This attribute is optional and has a multiplicity of [0..1].
- **comments**: A character string (max length 500) for any additional remarks or contextual information about the reported Seveso establishment. This attribute is optional and has a multiplicity of [0..1].

3.1.4 SevesoEstablishmentConfidentiality

The *SevesoEstablishmentConfidentiality* feature type is used to indicate whether specific attributes within the *SevesoEstablishment* feature type are considered confidential by the reporting country. These confidentiality declarations determine whether the EEA may publish the corresponding information in public data products. The feature type has a multiplicity of [1..1] meaning that each *SevesoEstablishment* must include exactly one corresponding *SevesoEstablishmentConfidentiality* declaration. The following attributes are included:

- **sevesoEstablishmentTierConfidentiality:** Populated using the *ReasonValue* code list, which contains a list of reasons to protect environmental information from public disclosure under the Directive 2003/4/EC on public access to environmental information. If no confidentiality applies, this attribute should be left empty. It applies specifically to the *sevesoEstablishmentTier* attribute.
- **statusConfidentiality:** Also populated with the *ReasonValue* code list, which contains a list of reasons to protect environmental information from public disclosure under the Directive 2003/4/EC on public access to environmental information, this attribute allows the reporting country to mark the *status* attribute as confidential. If no confidentiality applies, this attribute should be left empty.
- **establishmentNameConfidentiality:** Also populated with the *ReasonValue* code list, which contains a list of reasons to protect environmental information from public disclosure under the Directive 2003/4/EC on public access to environmental information, this attribute enables reporting countries to designate the *establishmentName* attribute as confidential. If no confidentiality applies, this attribute should be left empty.
- **parentCompanyConfidentiality:** This attribute is populated with the *ReasonValue* code list, which contains a list of reasons to protect environmental information from public disclosure under the Directive 2003/4/EC. It enables the reporting country to mark the *parentCompany* attribute as confidential. If no confidentiality applies, this attribute should be left empty.
- **establishmentAddressConfidentiality**: This attribute is populated with the *ReasonValue* code list, which contains a list of reasons to protect environmental information from public disclosure, originating from Directive 2003/4/EC. It enables the reporting country to mark the *establishmentAddress* attribute as confidential. If no confidentiality applies, this attribute should be left empty.
- **locationConfidentiality**: This attribute is populated with the *ReasonValue* code list, which contains a list of reasons to protect environmental information from public disclosure under the Directive 2003/4/EC. Otherwise, it should be left empty. It enables the reporting country to mark the *geometry* attribute as confidential. If no confidentiality applies, this attribute should be left empty.
- **industryTypeConfidentiality**: This attribute is populated with the *ReasonValue* code list, which contains a list of reasons to protect environmental information from public disclosure under the Directive 2003/4/EC. It enables the reporting country to mark the *mainIndustryTypeNACE*, *mainIndustryTypeSPIRS* and *otherIndustryTypes* attributes as confidential. The same confidentiality status applies to all the three attributes. Leave empty if no confidentiality applies.
- **lastInspectionConfidentiality**: This attribute is populated with the *ReasonValue* code list, which contains a list of reasons to protect environmental information from public disclosure under the Directive

2003/4/EC. It enables the reporting country to mark the *lastInspectionDate* and *lastInspectionURL* attribute as confidential. Leave empty if no confidentiality applies.

- **commentsConfidentiality**: This attribute is populated with the *ReasonValue* code list, which contains a list of reasons to protect environmental information from public disclosure under the Directive 2003/4/EC. It enables the reporting country to mark the *comments* attribute as confidential. Leave empty if no confidentiality applies.

3.1.5 ProductionSite

This feature type is linked to the parent *SevesoEstablishment* feature type. Each *SevesoEstablishment* must be associated with a ProductionSite, making the feature type mandatory. It has multiplicity of [*..1] allowing multiple establishments to link to the same Production Site. This feature type contains the following attributes:

- **geometry:** Populated with the *GM_point* data type, this attribute provides the geographic coordinates of the production site. The point should indicate the approximate centre of the site and must be expressed using the ETRS89 (2D)-EPSG:4258 coordinate reference system with an accuracy of 10 meters (i.e. five decimal places).
- **inspireId:** A key identifier linking to the *Identifier* data type. This attribute supports the interoperability of geospatial data and enables cross-referencing between eSPIRS and eMARS reporting systems.
- **thematicId**: An optional attribute linking to the *ThematicIdentifier* data type. It allows reporting countries to provide a national-level identifier. This attribute has a multiplicity of [0..1] meaning it can be left unpopulated.
- **siteName:** A character string (max length 255) representing the name of the production site.

3.1.6 ProductionSiteConfidentiality

The *ProductionSiteConfidentiality* feature type is designed to describe attribute confidentiality within the *ProductionSite* feature type. Reporting countries decide if these attributes will be published by EEA in public data products. In analogy to *SevesoEstablishmentConfidentiality* it has a multiplicity of [1..1] requiring one declaration per *ProductionSite*. It contains following attributes:

- **locationConfidentiality:** This attribute is populated with the *ReasonValue* code list, which contains a list of reasons to protect environmental information from public disclosure, originating from Directive 2003/4/EC on public access to environmental information. Otherwise, it should be left empty. This attribute enables reporting country to mark the information within the *geometry* attribute confidential.
- **siteNameConfidentiality**: This attribute is populated with the *ReasonValue* code list, which contains a list of reasons to protect environmental information from public disclosure, originating from Directive 2003/4/EC on public access to environmental information. Otherwise, it should be left empty. This attribute enables reporting country to mark the information within the *siteName* attribute confidential.

3.1.7 EstablishmentSubstances

The EstablishmentSubstances feature type is linked with the parent *SevesoEstablishment* feature type. It is a multiplicity of [0..*] multiplicity, allowing for the reporting of multiple substances or none at all. It includes the following attributes:

- **substance:** Populated using the *Substance* code list, this attribute identifies substances as listed in Annex I of Seveso-III Directive (Directive 2012/18/EU), including the CAS Registry Number where available.

- **quantityTNE:** A mandatory attribute representing the quantity of the substances in tonnes, expressed as a positive real number in a double-precision floating-point format. This value reflects the quantity triggering the Seveso status.
- **physicalProperties**: A free-text attribute (max length 255) used to describe the physical properties of the reported substance. The attribute has a multiplicity of [0..1].
- **substanceComments**: A free-text field (max length 500) for additional information on the reported substance. This attribute has a multiplicity of [0..1].
- **substanceConfidentiality**: Populated using the *ReasonValue* code list, this attribute indicates if the substance data is considered confidential under Directive 2003/4/EC on public access to environmental information. If not applicable, it should be left empty.

3.2 Data types

A data type in a UML data model defines both the structure (i.e. characteristics) of data and types of operations that can be performed on it. A data type typically includes multiple attributes. These attributes may refer to other data types, using code list values, or with numeric or text data. Unless otherwise indicated, the data types described below are specifically defined for the Seveso Reporting eSPIRS data model.

3.2.1 Identifier

The *Identifier* data type is based on the standard INSPIRE model and is used to describe the Inspire ID of the entity being reported. Reporting countries may use existing national level identifiers, provided they comply with the EU INSPIRE requirements. Where a valid INSPIRE Identifier already exists in the country system for a site or establishment, it must be reused in eSPIRS reporting.

This data type includes the following attributes:

- **localId:** A character string (max length 80) that uniquely identifies the entity within the reporting country.
- **namespace:** A character string (max length 80) specifying the source of the data. It is recommended to begin the value with the two letter ISO country code, followed by the acronym of the reporting authority.

3.2.2 ThematicIdentifier

The *ThematicIdentifier* data type provides an optional alternative identifier to the *InspireId* attribute (which uses the *Identifier* data type). It has a multiplicity of [0..1] meaning it may be omitted. If provided, both of the following attributes must be specified:

- **Identifier***:* A character string (max length 80) representing the thematic identifier.
- **IdentifierScheme:** A character string (max length 80) that specifies the scheme or system in which the identifier is used.

3.2.3 AddressDetails

The *AddressDetails* data type is used to collect address related information. Within the Seveso Reporting eSPIRS dataflow, this data type is applied in the *address* and *authorityAddress* attributes. It includes the following attributes:

- **streetName:** A character string (max length 255) populated with name of the street or road in which the building or property is located.

- **buildingNumber**: A character string (max length 100) populated with the building or property number or name. The format accommodates combinations of numbers and letters (e.g. 67A).
- **city:** A character string (max length 60) indicating the name of the city where the building or property is located.
- **postcode:** A character string (max length 30) containing the postcode of the location.
- **country:** This attribute is populated using values from the *CountryCodeValue* code list, corresponding to the country where the building or property is located.

3.2.4 OtherIndustryType

The *OtherIndustryType* data type is used to capture information on secondary NACE economic activities and /or SPIRS industry types associated with a Seveso establishment. It includes the following two attributes:

- **otherNACEIndustryType:** Populated using the *NACEValue* code list, this attribute refers to additional economic activities occurring within the establishment. It has a multiplicity of [0..*], allowing for the reporting of multiple secondary activities or none at all.
- **otherSPIRSIndustryType:** Populated using the *SPIRSCodeValue* code list, this attribute identifies additional SPIRS industry types relevant to the establishment. It has a multiplicity of [0..*], allowing for the reporting of multiple industry types or none.

3.2.5 GM_Point

The *GM_Point* data type is used to define the geographic location of a feature type by specifying its coordinates. The point should approximate the centre of an entity. And is expressed using the ETRS89 (2D)-EPSG:4258 reference system with an accuracy of 10 meters (i.e., specified to five decimal places).

- **longitude**: A float value representing the longitude of the point.
- **latitude:** A float value representing the latitude of the point.

3.3 Code lists

Unless otherwise indicated, all code lists were created specifically for the Seveso Reporting eSPIRS data model.

The code lists are stored and maintained at the so-called EEA Data Dictionary . The code lists will be used in Reportnet 3 to perform quality checks on the data.

NACEValue: This is a list of current NACE (Statistical Classification of Economic Activities in the European Community) codes, as required by legislation. It is shared with the EU Registry on Industrial Site data flow to ensure consistency. The list includes both NACE versions 2 and 2.1 to support backward compatibility. In Rev. 2.1, the top-level section letter is prefixed to the numeric code, for example, Rev. 2 code 01.23 becomes A.01.23 in rev. 2.1.

https://dd.eionet.europa.eu/vocabulary/euregistryonindustrialsites/NACEValue/

- **SPIRSCodeValue**: This is a list of current SPIRS (Seveso Plants Information Retrieval System) code to indicate the industry type. The list of SPIRS codes is covered in the Annex of Commission Implementing Decision (EU) 2022/1979.

  https://dd.eionet.europa.eu/vocabulary/seveso/SPIRS/

- **CountryCodeValue:** This code list includes Strict ISO-3166 two-character country codes of the countries where the reported establishments are located.

  https://dd.eionet.europa.eu/vocabulary/common/countries/

- **ReasonValue:** This list covers the different subsections of Article 4 Directive 2003/4/EC on public access to environmental Information.
  https://dd.eionet.europa.eu/vocabulary/seveso/reasonValue/

- **Substance:** A list containing name and classifications of substances to be reported under Annex I of Directive 2012/18/EU.
  https://dd.eionet.europa.eu/vocabulary/seveso/substance/

- **SevesoTierValue:** This code list relates to the Seveso Establishment Tier Indication. It defines whether the reporting establishment belongs to a lower tier or upper tier according to Annex I to Directive 2012/18/EU.
  https://dd.eionet.europa.eu/vocabulary/seveso/sevesoTier/

- **OperationalStatusValue:** This code list relates to the operational status of the establishment, which can either be functional, disused or decommissioned.
  https://dd.eionet.europa.eu/vocabulary/seveso/operationalStatus/

Annex 1 - Glossary of Terms

This section contains explanations of the key terms used in this document.

Boolean attribute – These attributes are evaluated as either true or false.

Code list – a defined set of values which can be used to populate an attribute.

Data type – A data model element that defines both characteristics of data and which operations can be performed on the data.

Feature type – Represents a class of data together with relevant attributes.

Geospatial information – Data about a physical object that can be represented by numeric values in a geographic coordinate system.

INSPIRE – Infrastructure for Spatial Information in the European Community. The INSPIRE Directive (2007/2/EC) aims to establish an infrastructure for the sharing of environmental spatial data within the European Union. This will enable sharing among public sector organisations, facilitate public access to spatial data across Europe, and will aid in cross-boundary policy making.

Multiplicity – A definition of cardinality - i.e. the permitted number of elements - of some collection of elements.

NACE - The 'statistical classification of economic activities' in the European Community, abbreviated as NACE, is the classification of economic activities in the European Union (EU).

Production Site – Represents the geographical location of the Seveso Establishment or a piece of land where the facility was, is, or is intended to be located.

Seveso Establishment – Represents the whole location under the control of an operator where dangerous substances are present in one or more installations, including common or related infrastructures or activities according to DIRECTIVE 2012/18/EU.

UML – Unified Modelling Language, a modelling language intended to provide a standard way to visualise the design of a system.

Voidable – In data modelling, voidable means that whenever information does not exist then it does not have to be provided.

Annex 2 – Data requirements in CID 2022/1979 vs CID 2014/895

Data Elements		Confidentiality		Reference	
Feature	Attribute	Feature	Attribute	CID 2014/895	CID 2022/1979
ContextualInformation	**countryIdentifier**				1.1
	reportingYear				1.2
CompetentAuthority	**authorityName**			**2.1a**	2.1
	authorityAddress.streetName			**2.1b**	2.2
	authorityAddress.buildingNumber			**2.1b**	2.2
	establishmentAddress.city			**2.1.c**	2.2
	authorityAddress.postalCode			**2.1d**	2.2
	authorityAddress.country			**2.1e**	2.2
	authorityEmail				2.3
	authorityPhone				2.4
	comments			**2.1f**	2.5
ProductionSite	**inspireId.namespace**	ProductionSiteConfidentiality			3.1
	inspireId.localId				3.1
	thematicId.indetifierScheme				3.2
	thematicId.identifier				3.2
	geometry.latitude		locationConfidentiality		3.3
	geometry.longitude		locationConfidentiality		3.3
	siteName		siteNameConfidentiality		3.4
SevesoEstablishment	**inspireId.namespace**	SevesoEstablishmentConfidentiality			4.1
	inspireId.localId				4.1
	thematicId.indetifierScheme				4.2
	thematicId.identifier				4.2
	sevesoEstablishmentTier		sevesoEstablishmentTierConfidentiality	**2.2a**	4.3
	status		statusConfidentiality		4.4
	establishmentName		establishmentNameConfidentiality	**2.2b**	4.5
	parentCompany		parentCompanyConfidentiality	**2.2c**	4.6
	establishmentAddress.streetName		establishmentAddressConfidentiality	**2.3a**	4.7
	establishmentAddress.buildingNumber		establishmentAddressConfidentiality	**2.3a**	4.7
	establishmentAddress.city		establishmentAddressConfidentiality	**2.3a**	4.7
	establishmentAddress.postalCode		establishmentAddressConfidentiality		4.7
	establishmentAddress.country		establishmentAddressConfidentiality		4.7
	geometry.latitude		locationConfidentiality	**2.3b**	4.8
	geometry.longitude		locationConfidentiality	**2.3c**	4.8
	mainIndustryTypeNACE		industryTypeConfidentiality	2.2c	4.9
	mainIndustryTypeSPIRS		industryTypeConfidentiality	**2.2c**	4.1
	otherIndustryTypes.otherNACEIndustryType		industryTypeConfidentiality	2.2c	4.9
	otherIndustryTypes.otherSPIRSIndustryType		industryTypeConfidentiality	2.2c	4.1
	publicInformationURL			**2.2f**	4.11
	generalURL				4.12
	lastInspectionDate		lastInspectionConfidentiality		4.13
	lastInspectionURL		lastInspectionConfidentiality		4.14
	comments		commentsConfidentiality	**2.2i**	4.15
EstablishmentSubstances	**substance**	EstablishmentSubstances	substanceConfidentiality	**2.4a**	5.1
	quantityTNE		substanceConfidentiality	**2.4c**	5.3
	physicalProperties		substanceConfidentiality	2.4d	5.4
	substanceComments		substanceConfidentiality	2.4e	5.5

Table 1. Comparison of data requirements under CID 2022/1979 and CID 2014/895. Mandatory features and attributes in CID 2022/1979 are reported in bold. Mandatory fields in CID 2014/895 are highlighted in bold in column 'CID 2014/895'. Confidentiality column reports for each attribute the elements that can be used to claim confidentiality. Elements without entries in the confidentiality column are always public. Cells having a green background correspond to data already reported under CID 2014-895. Pink cells highlight new data elements introduced by CID 2022/1979.