CDDA 2018 reporting

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EEA

Webinar for NRC biodivdata & CDDA reporters, 27 April 2017

European Environment Agency

Agenda

- Welcome
- Introduction to the reporting mechanism: the linked approach (Christian Ansorge)
- The implications of the linked approach for the new CDDA data model (Mette Lund/Marek Staron)
- The application of the linked approach for the CDDA reporting (Marek Staron/Marek Staron)
- The field inspireID – also for countries not implementing INSPIRE (Christian Ansorge)
- Testing phase on GML conversion (Christian Ansorge)
- Questions
- Next steps and closing the meeting

The implications of the linked approach for the new CDDA data model

Current reporting approach in CDDA

Geometry (Shapefiles) ↔ common identifier ↔ Tabular data (XML/MS Access files)

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CDDA 2018 approach re-using INSPIRE Protected Sites

INSPIRE · Infrastructure for Spatial Information in Europe

INSPIRE model Protected Sites
(GML file)
- Geometry and core elements

CDDA match
- *Geometry of site*
- *Site name*
- *Designation date*
- *Designation type*
- *IUCN category*

common identifier

Tabular data
(XML/XLS files)
- Elements NOT included in the INSPIRE data models

CDDA Designated Area
- *Various IDs*
- *Designated area type*
- *Official area (ha)*
- *Major ecosystem type*
- *Marine percentage*
- *Metadata fields*

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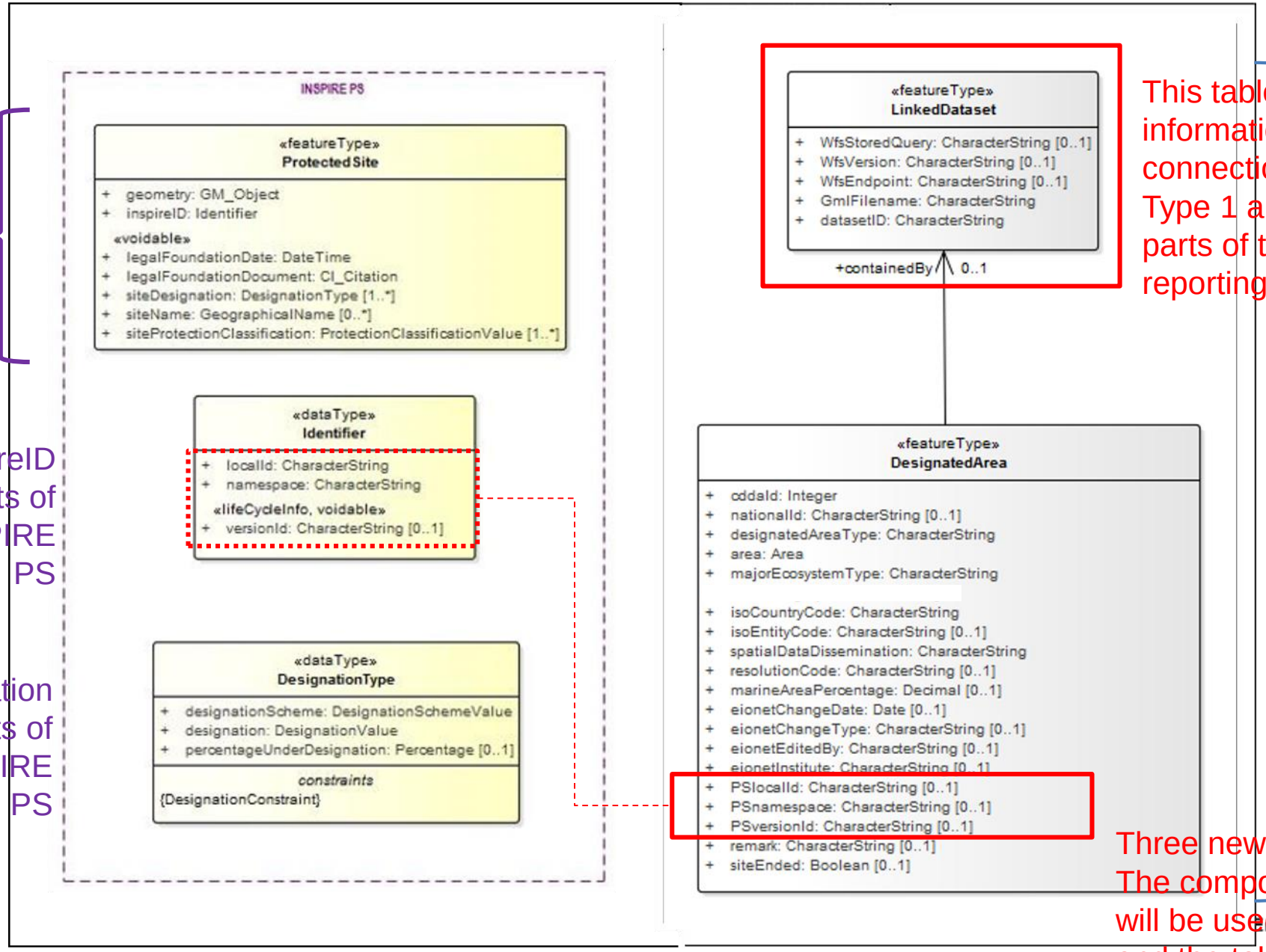
CDDA v2.0 UML model: INSPIRE Protected Sites (PS) + the DesignatedArea table and the LinkedDataset table

INSPIRE Protected Sites (Type 1 data)

inspireID components of the INSPIRE PS

siteDesignation components of the INSPIRE PS

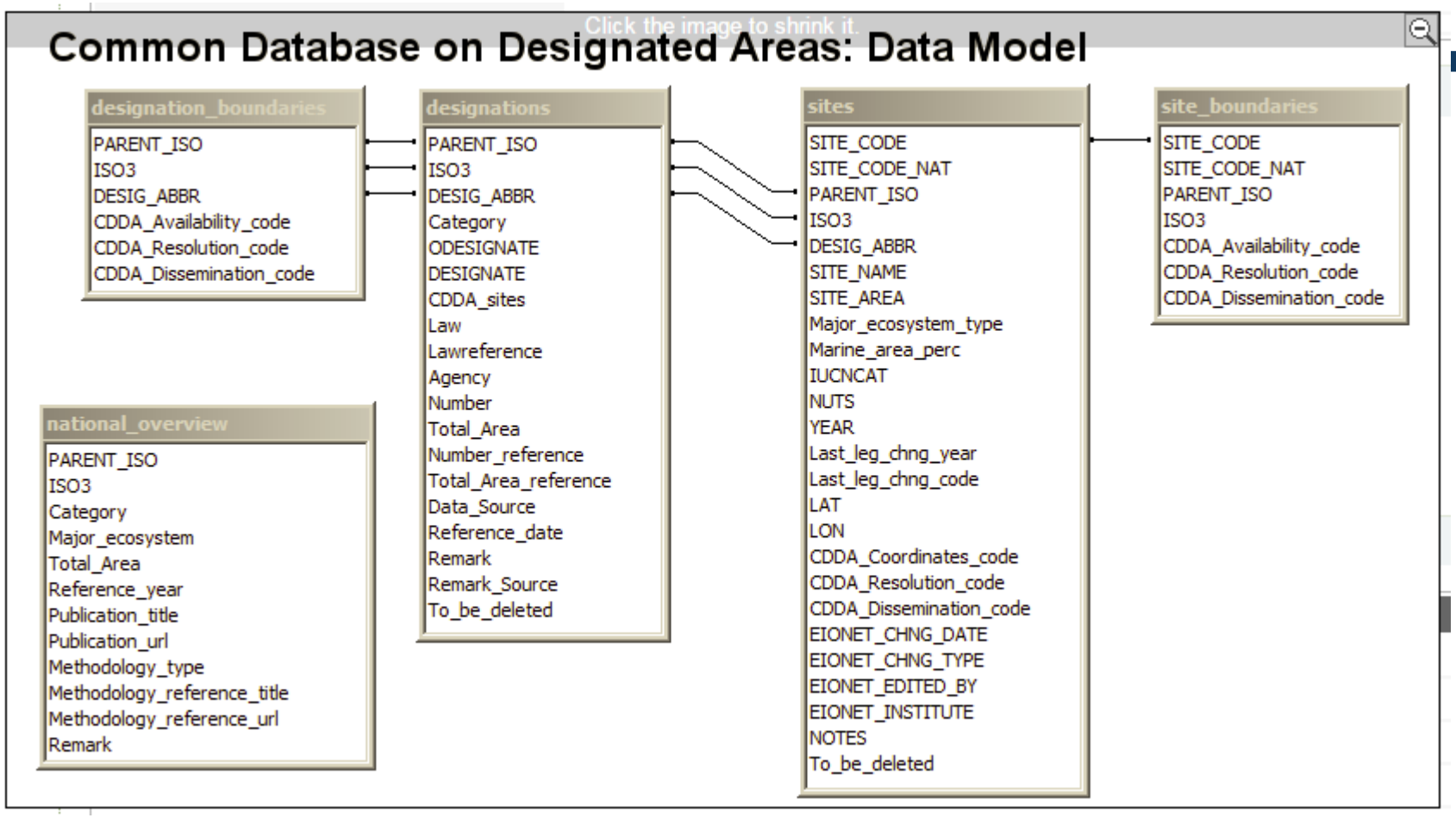


This table has information about the connection between Type 1 and Type 2 parts of the CDDA reporting

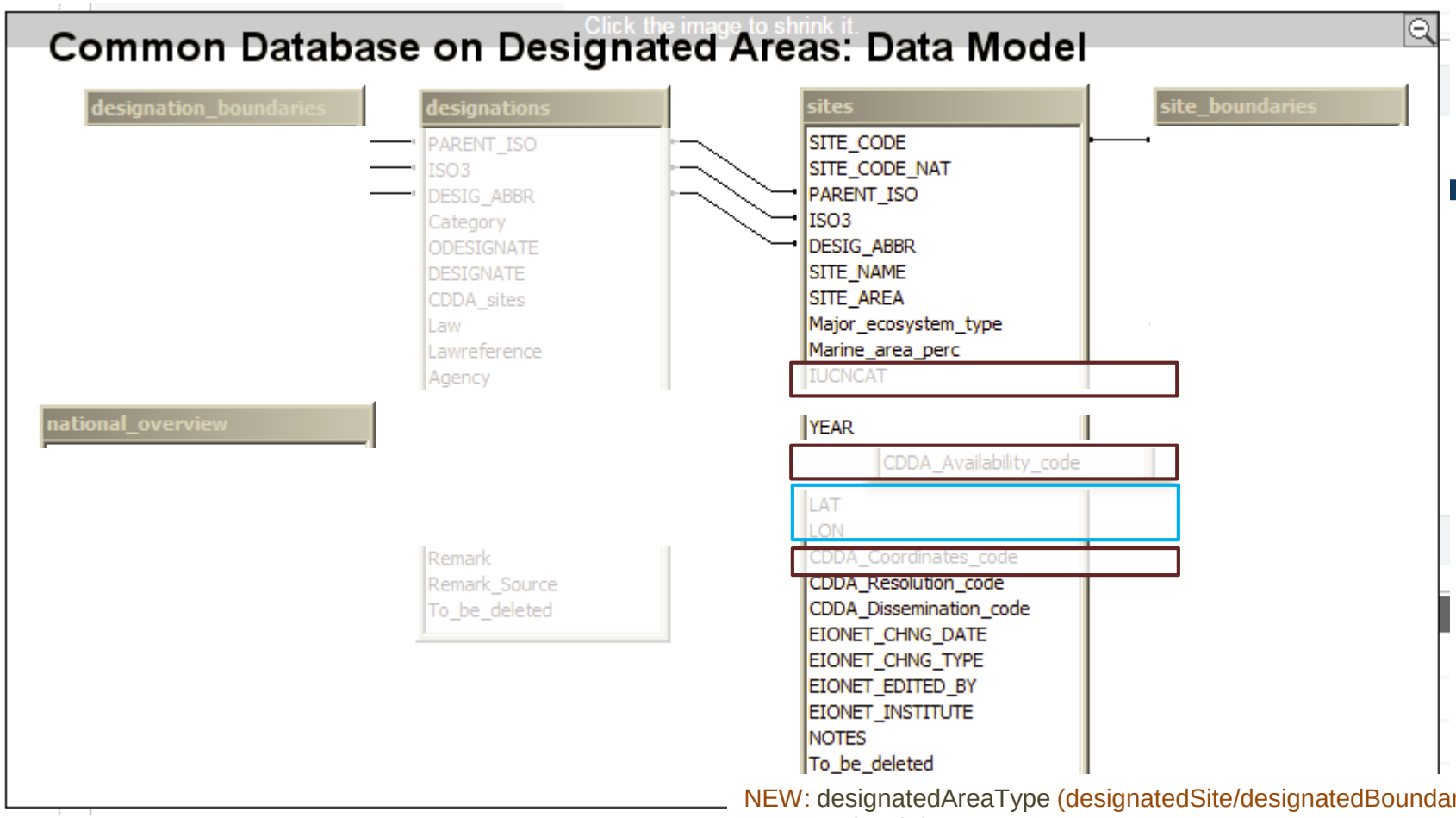
DesignatedArea and LinkedDataset (Type 2 data)

Three new elements:
The components of the InspireID will be used to link the spatial and the tabular data

Current CDDA data model



Current -> new CDDA model v1 -> new CDDA model v2



NEW: designatedAreaType (designatedSite/designatedBoundary) – Name change from protected/
PSlocalId
PSnamespace
PSversionId

- LAT and LON to be reported as points from 2018 (i.e. as spatial data)
- Redundant fields following the LAT LON removal
- IUCN category is redundant

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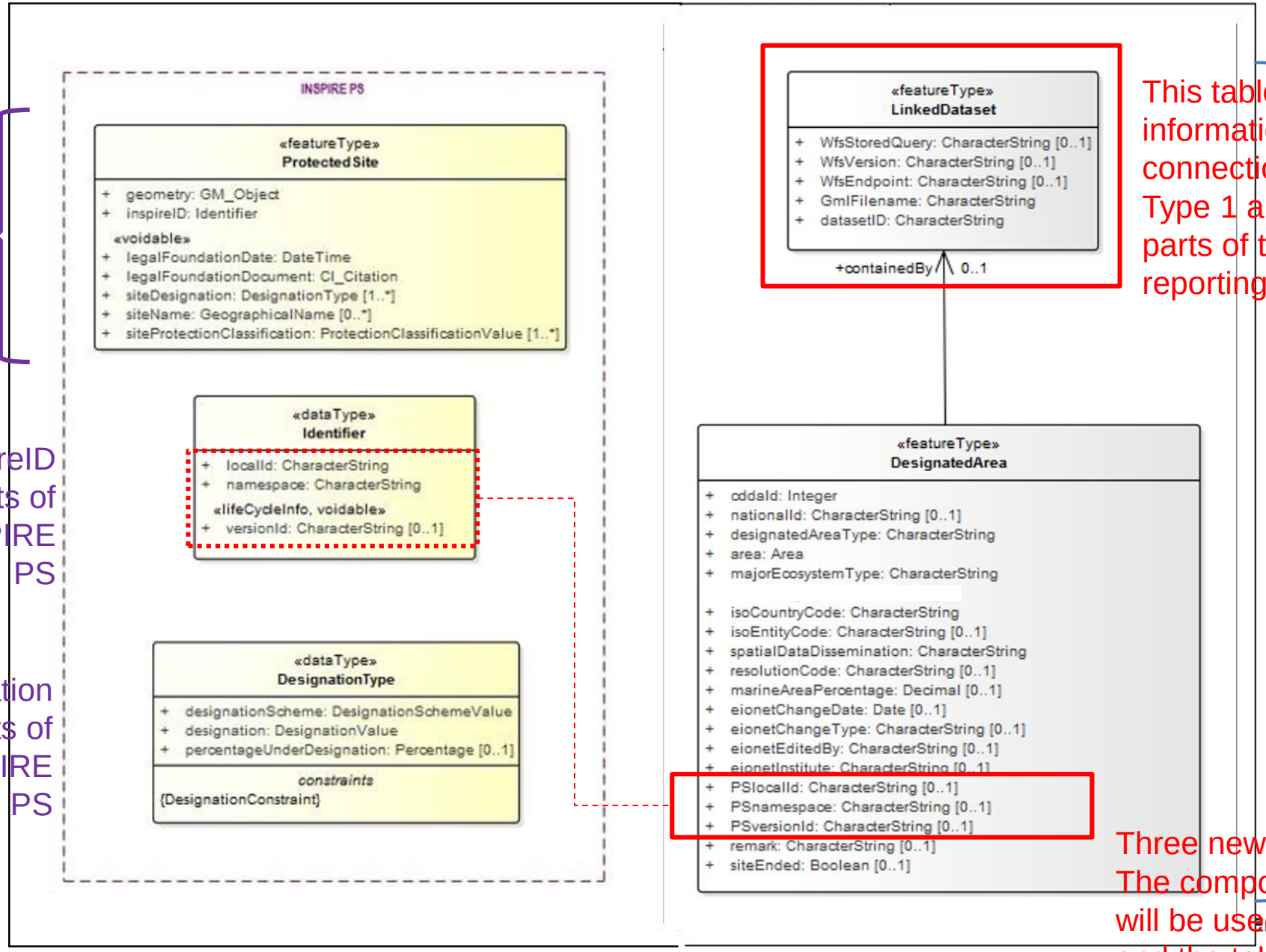

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Fields in the INSPIRE model Protected Sites

New name	Current name	Example	Comment
geometry			
inspireID (3 elements)			
PSlocalId		19142	suggestion: SITE_CODE
PSnamespace		EIONET.ENVIRONMENT.PS.CDDA.ESP	Suggestion from EEA
PSversionId			Suggestion from EEA
legalFoundationDate	YEAR	1984	
legalFoundationDocument			[will be voided]
siteDesignation (3 elements)			
designationScheme		cdda	default value
designation	DESIG_ABBR	ES10	
percentageUnderDesignation			[will be voided]
siteDesignation (3 elements)			
designationScheme		IUCN	default value
designation	IUCNCAT	II	
percentageUnderDesignation			[will be voided]
siteName	SITE_NAME	Señorío de Bertiz	
siteProtectionClassification		natureConservation	default value

Current reporting approach in CDDA

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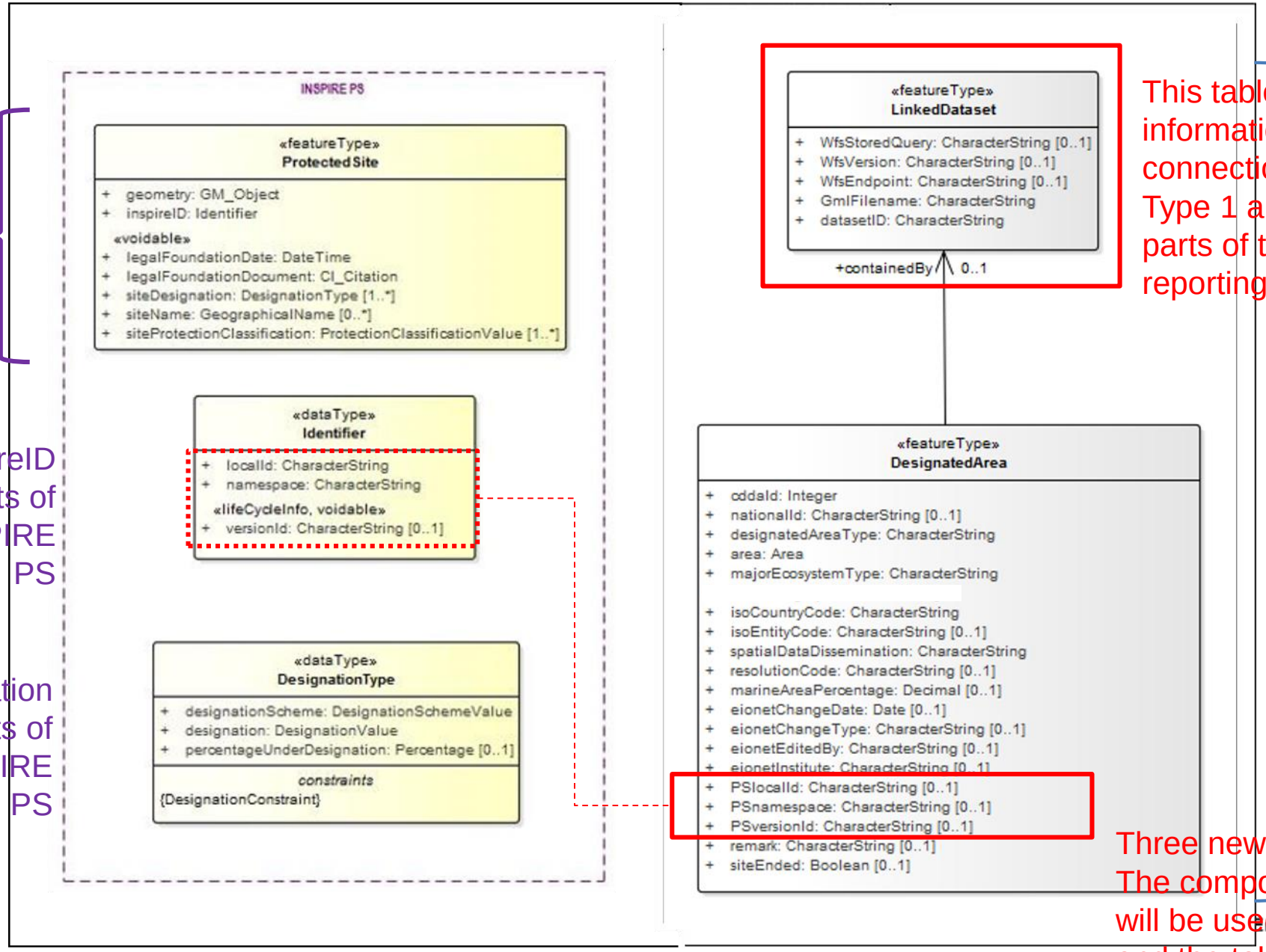

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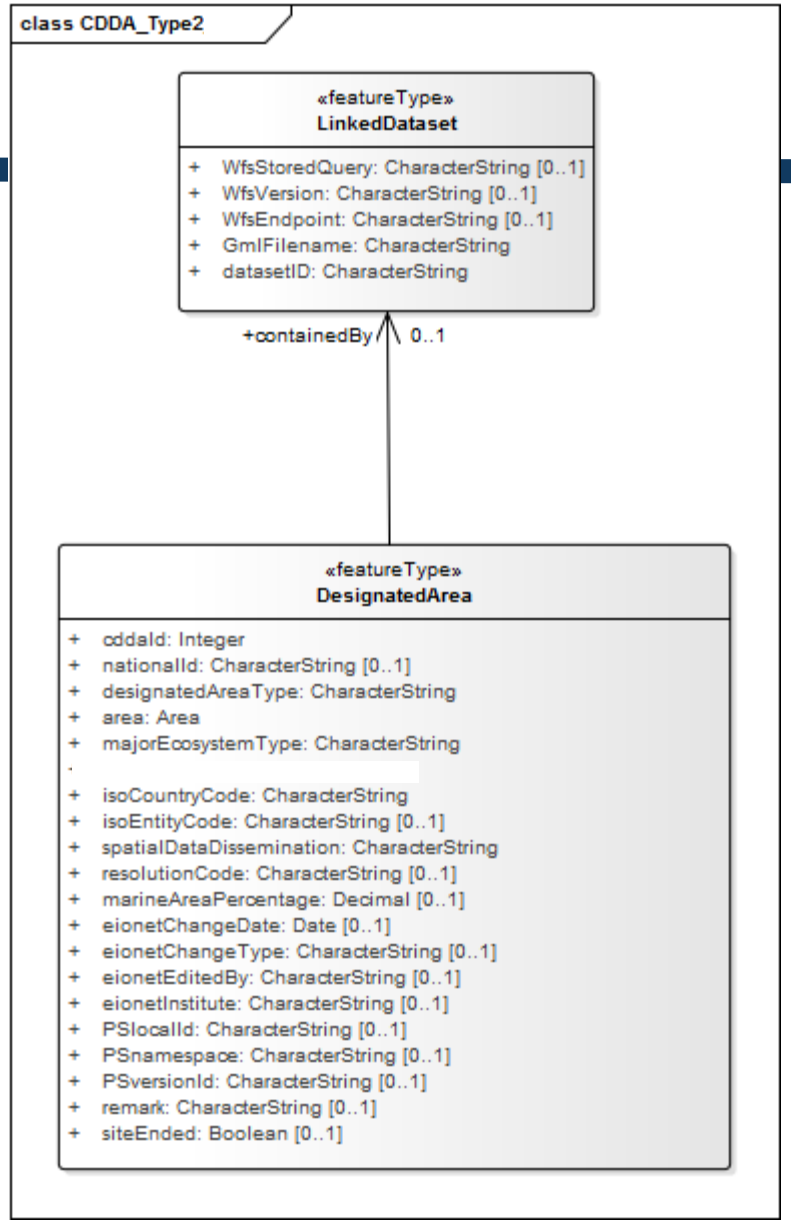
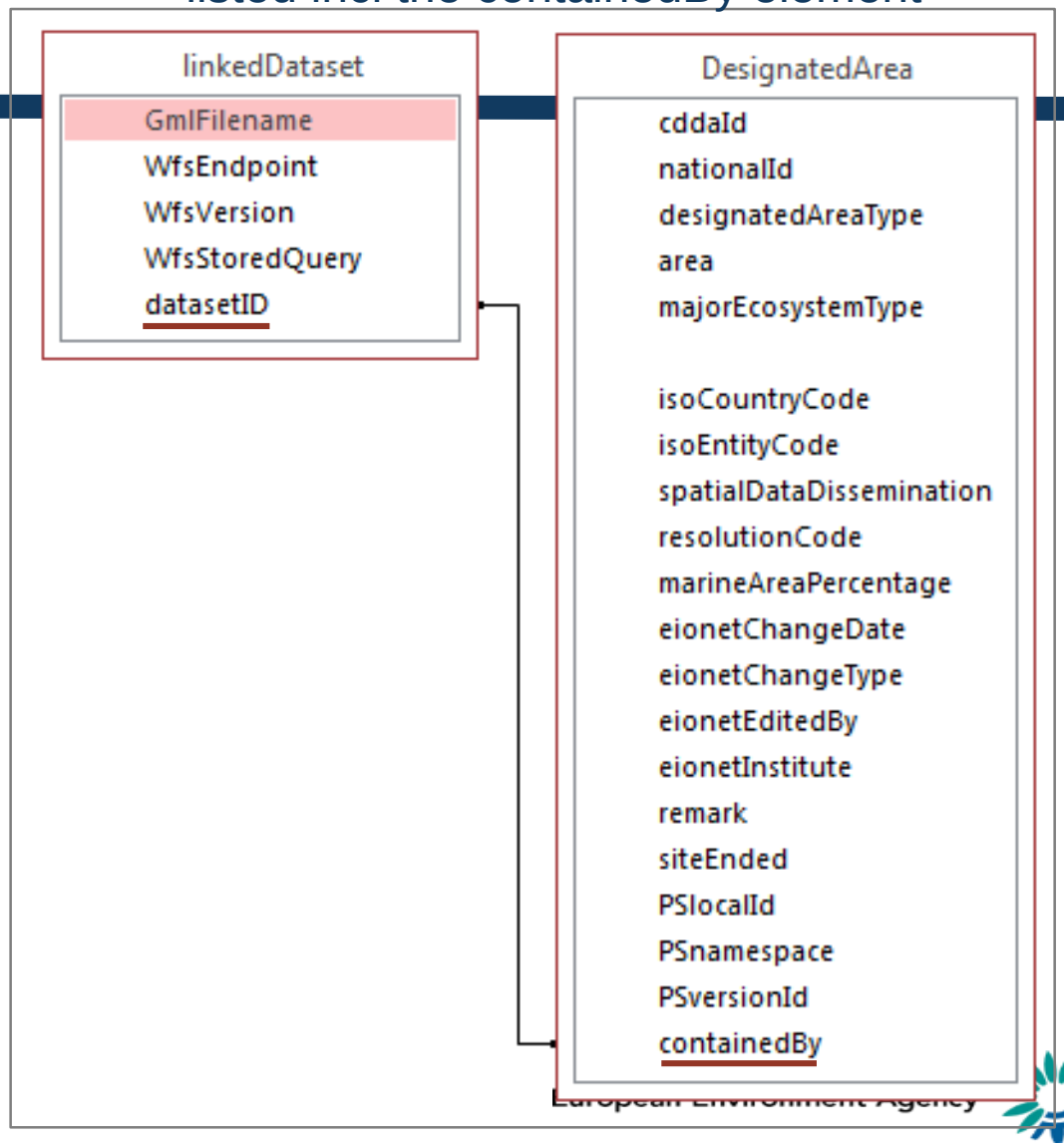
The UML model of the tabular data



Relational data base representation of the UML model

- all elements for the DesignatedArea table are listed incl the containedBy element



Fields in the CDDA DesignatedArea

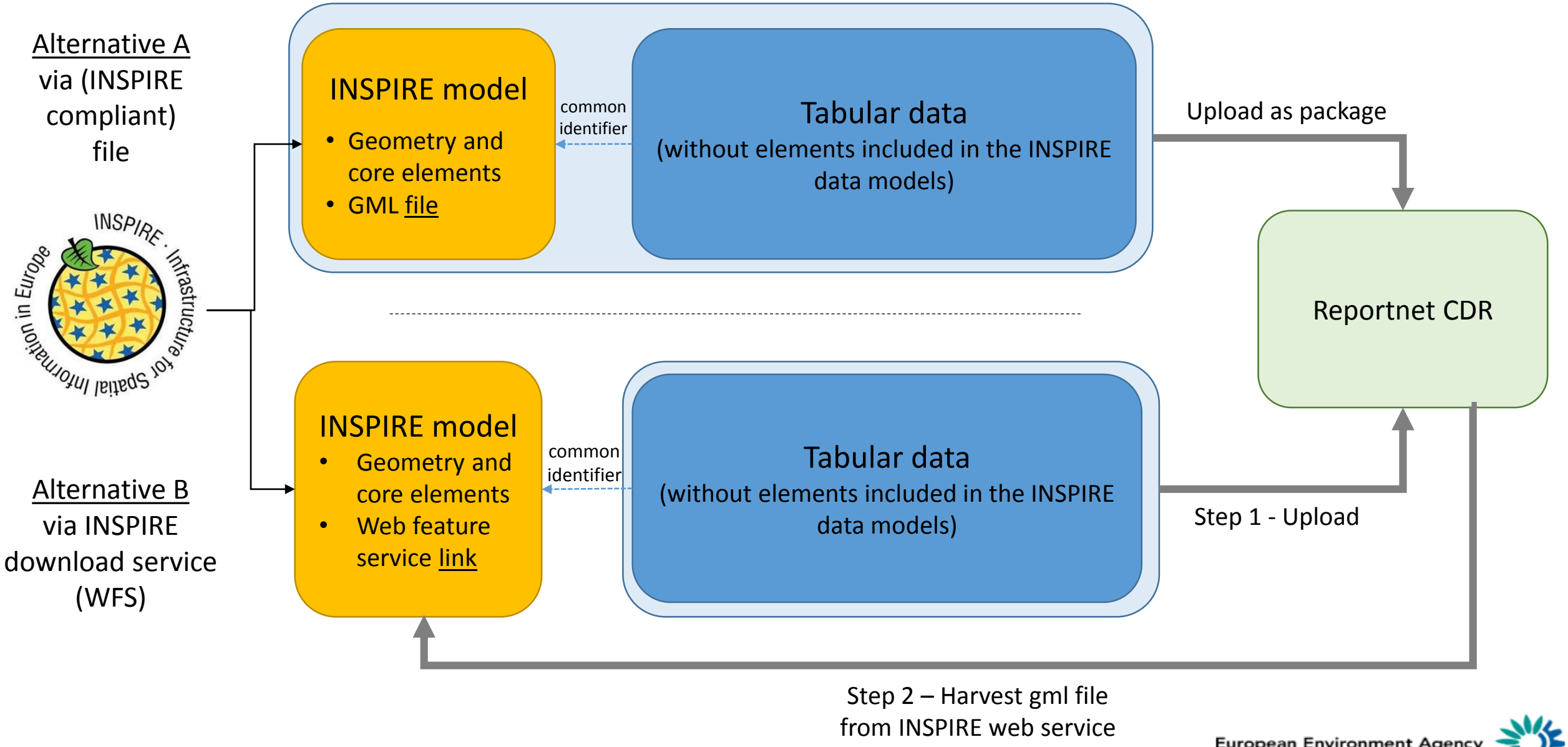
New name	Current name	Example	Comment
cddaId	SITE_CODE	19142	
nationalId	SITE_CODE_NAT	ES220001	
designatedAreaType		designatedSite	if site or former designation_boundary
area	SITE_AREA	2052.31	
majorEcosystemType	Major_ecosystem_type	terrestrial	
isoCountryCode	PARENT_ISO	ESP	
isoEntityCode	ISO3	ESP	
spatialDataDissemination	CDDA_Dissemination_code	public	
marineAreaPercentage	Marine_area_perc		
resolutionCode	CDDA_Resolution_code	scaleLarger100k	
eionetChangeDate	EIONET_CHNG_DATE		no change
eionetChangeType	EIONET_CHNG_TYPE		no change
eionetEditedBy	EIONET_EDITED_BY		no change
eionetInstitute	EIONET_INSTITUTE		no change
PSlocalId		19142	suggestion: SITE_CODE
PSversionId			Suggestion from EEA
PSnamespace		EIONET.ENVIRONMENT.PS.CDDA.ESP	Suggestion from EEA
remark	NOTES		
siteEnded	To_be_deleted		
containedBy		1111	arbitrary integer

Fields in the LinkedDataset

New name	Current name	Example	Comment
GmlFilename		[GML filename]	
WfsEndpoint			
WfsVersion			
WfsStoredQuery			
datasetID		1111	arbitrary integer

The application of the linked approach to the CDDA reporting

Two ways of re-using INSPIRE models (general application)



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Data Dictionary for the CDDA 2018 tabular data

CDDA http://dd.eionet.europa.eu/datasets/3344

Still in draft, not yet released

Questions

This part is not recorded

Next steps and closing the meeting

- Consultation on draft reporting guidelines, June
- NRC workshop, 15-16 June
- Testing phase with interested countries, July-September
- Final reporting guidelines, October
- Call for 2018 data collection, December

- Presentations and recording of the webinar will be available from https://www.eea.europa.eu/themes/biodiversity/document-library/cdda-2018-reporting

Thank you