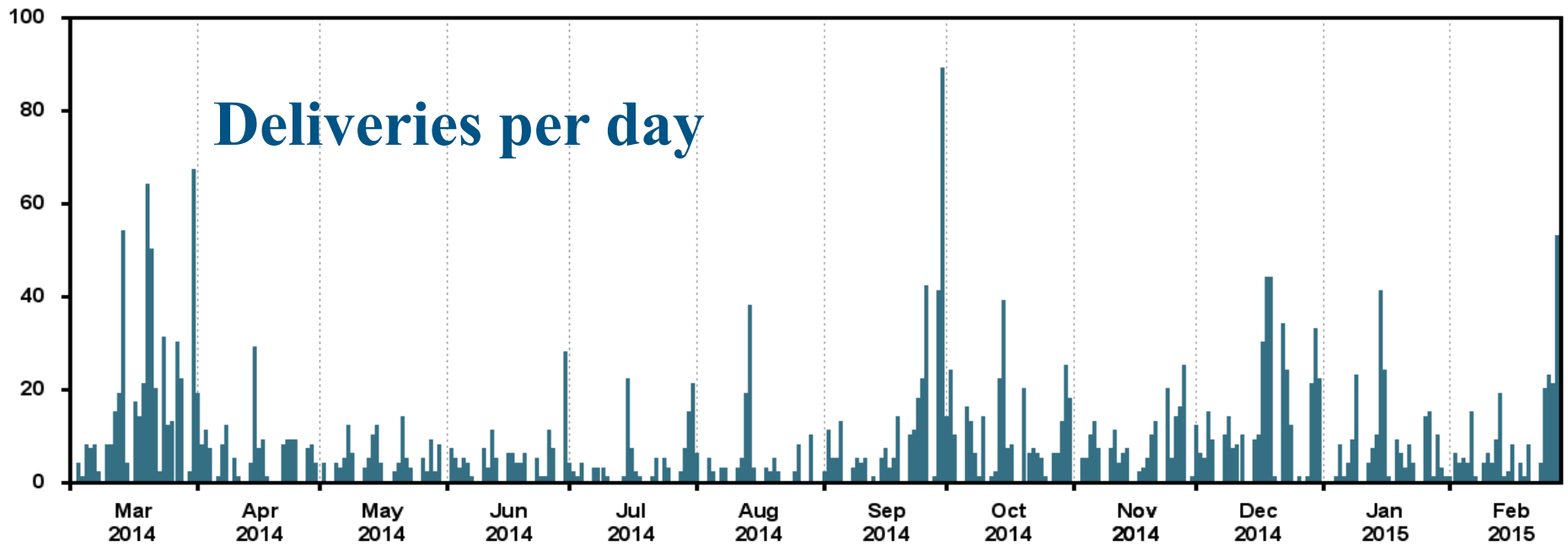
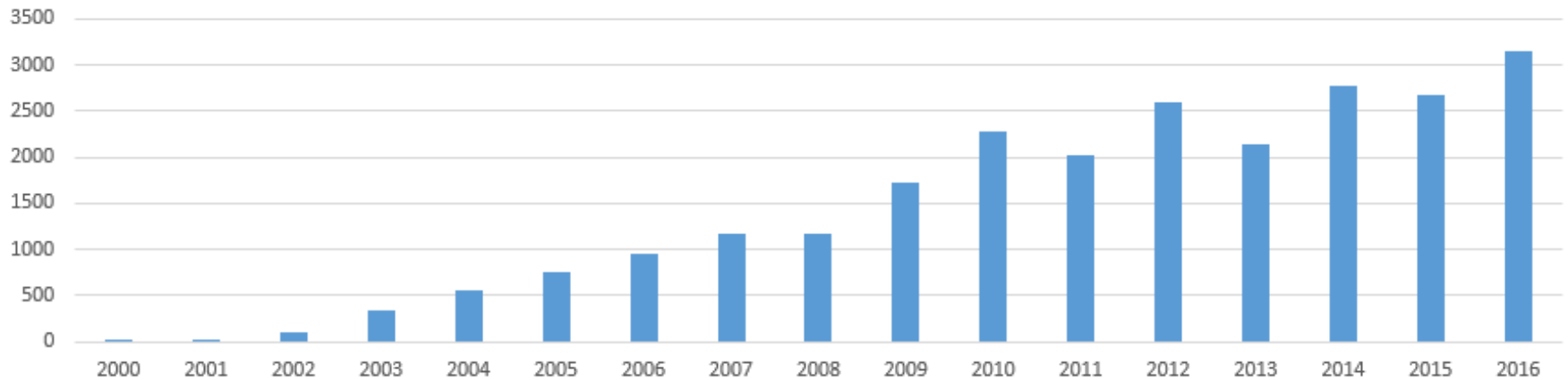


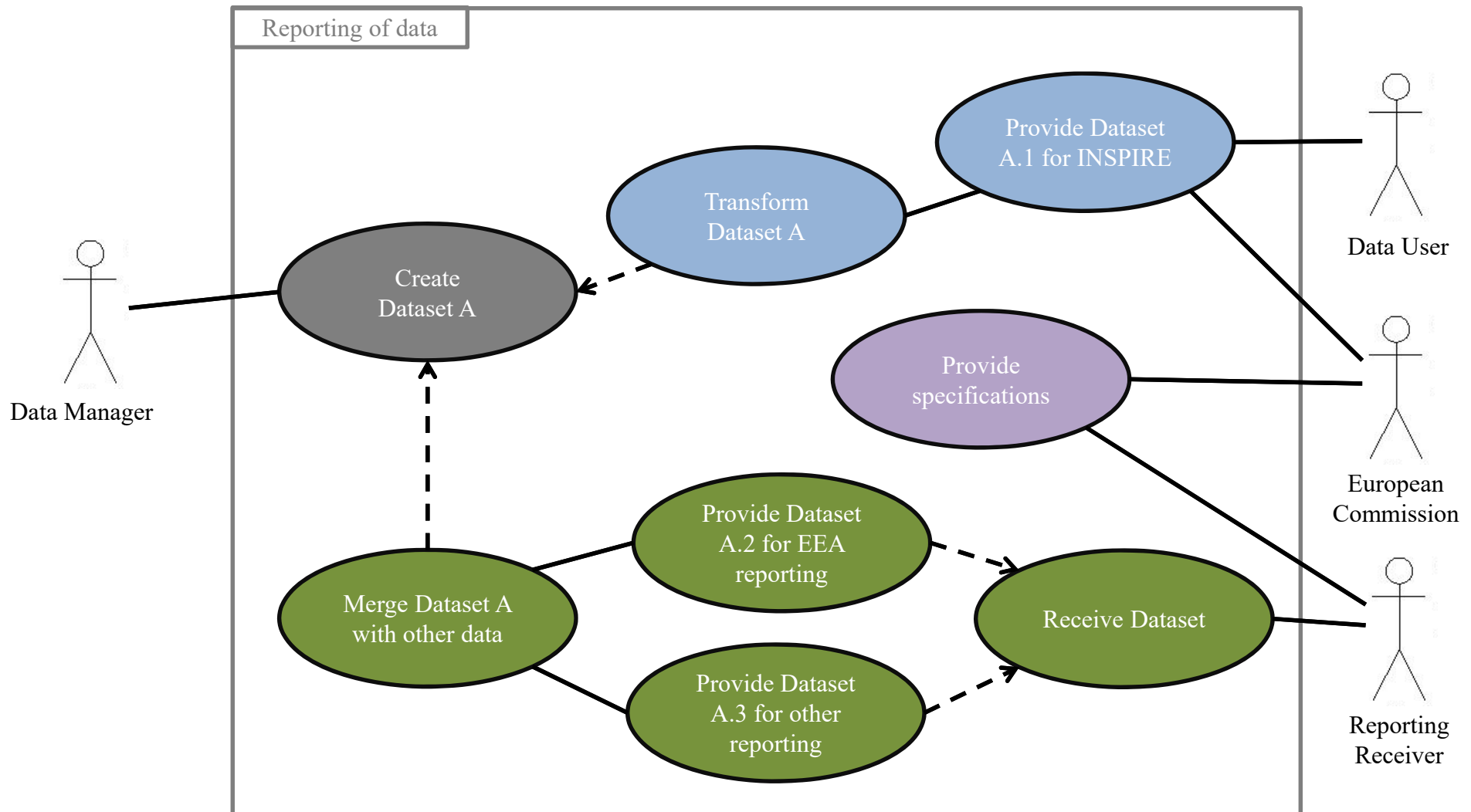
Christian Ansorge
7th September 2017, Strasbourg

Reusing INSPIRE for environmental reporting

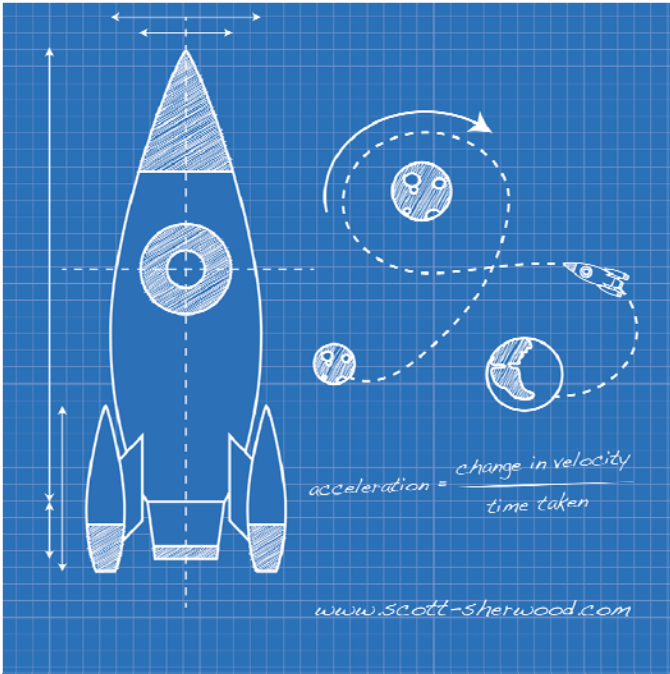
Reportnet – EEA view



Data reporting – The INSPIRE maze



INSPIRE and eReporting



Why a blueprint?

Long developing cycles and costs for data flows!

- Data modelling
- Support tools
- QA/QC
- Distribution

Interoperability and capacity

- Avoiding not just thematic but also technological silos
- Streamline and unify as much as possible

INSPIRE and Reporting

Requirements for reporting system:

Generic

- Need for a systematic approach towards modern Reporting
- Generic and reusable approach in different data flows
- Minimum demands on provider and consumer side
- More coherent and streamlined
- Reduce fragmentation of approaches and technical solutions

INSPIRE and Reporting

From generic ideas towards blueprint

What does it mean to re-use INSPIRE?

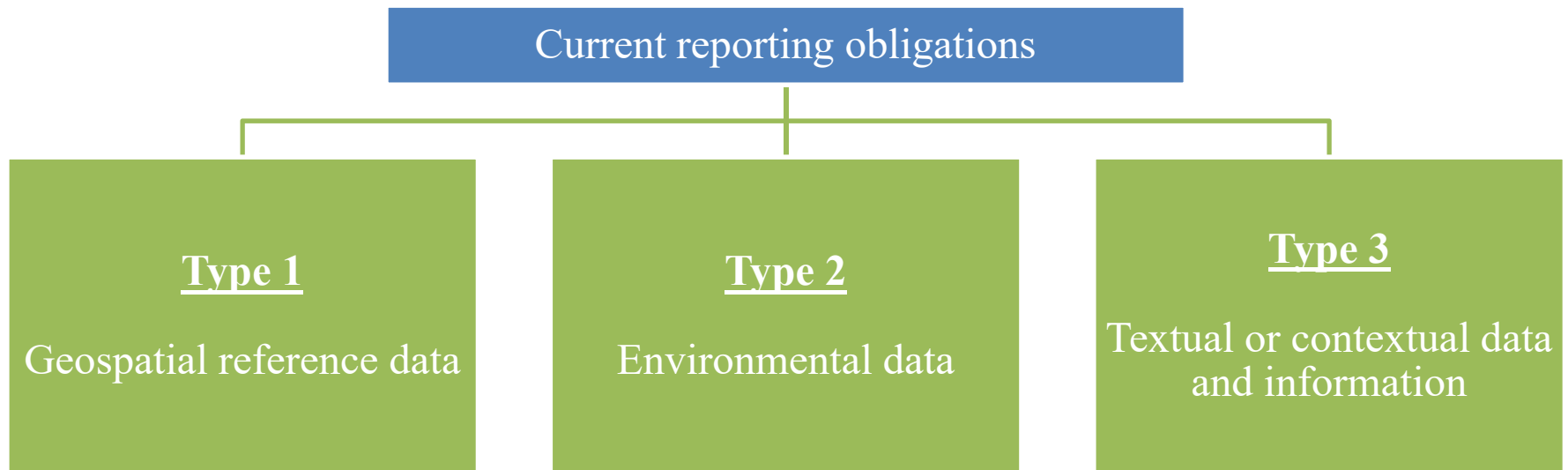
What is most relevant for reporting?

1. **Data models (for interoperability and integration)**
2. **Organisational infrastructure (capacity and efficiency)**
3. Web services (availability and access)
4. Metadata (transparency and discovery)

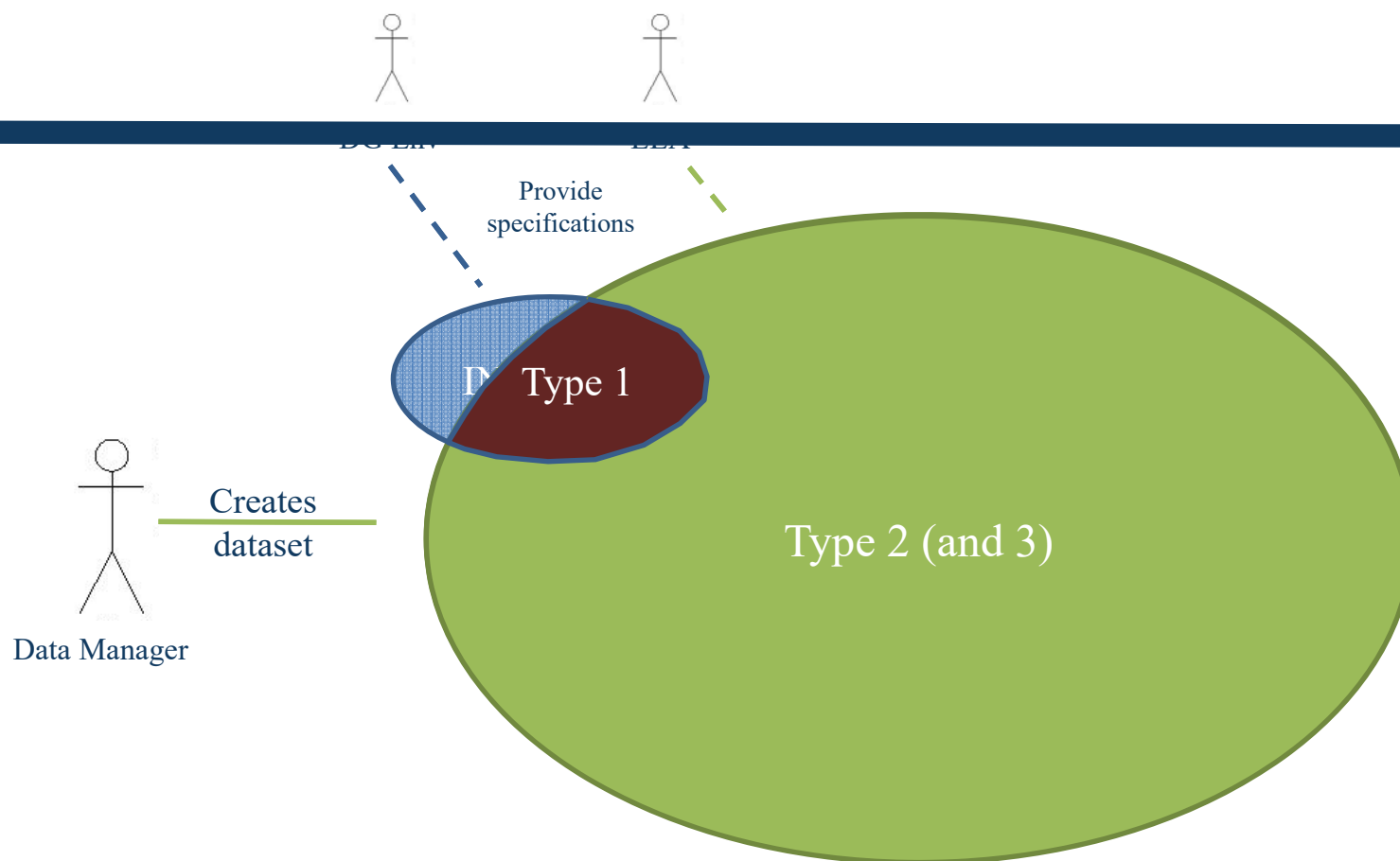
INSPIRE and Reporting

- Strategy paper:
 - „The future of eReporting and the link to INSPIRE“
 - Data Typology as one main element

Future



INSPIRE and Reporting

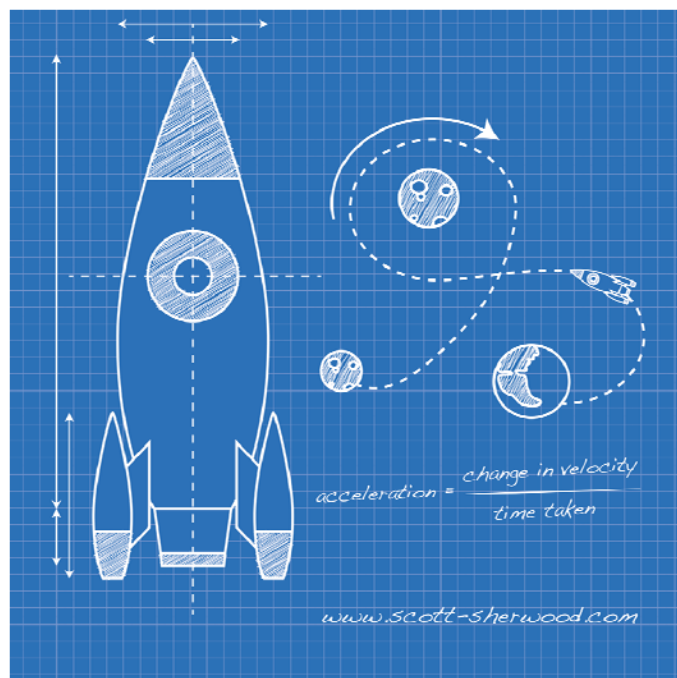


* The proportion of the overlap of the scope of the INSPIRE Annex Themes and the reporting obligations can vary (e.g. there is no overlap at all).

INSPIRE and Reporting

- 3 possible Reporting & Extension approaches
 - **Integration**
 - Multiple INSPIRE Themes (Type 1) and environmental data (Type 2) in one "super schema"
 - E.g. Air Quality eReporting
 - **Extension**
 - Singular INSPIRE Theme (Type 1) is extended by environmental data (Type 2)
 - E.g. EU Registry
 - **Linking ("Linked Approach")**
 - Environmental data (Type 2) is pointing towards multiple INSPIRE Themes (Type 1) but provided separately
 - E.g. CDDA 2018

INSPIRE and Reporting



What is part of the LINKED APPROACH blueprint?

Extension via linking

- Re-use of INSPIRE “vanilla” in the simplest way possible (no specific extension to be implemented)
- Keep environmental data not part of INSPIRE managed externally
- Manage and exchange environmental data as simple and efficient as possible
- Re-use of tools as much as possible

INSPIRE and Reporting

Linked Approach and CDDA 2018

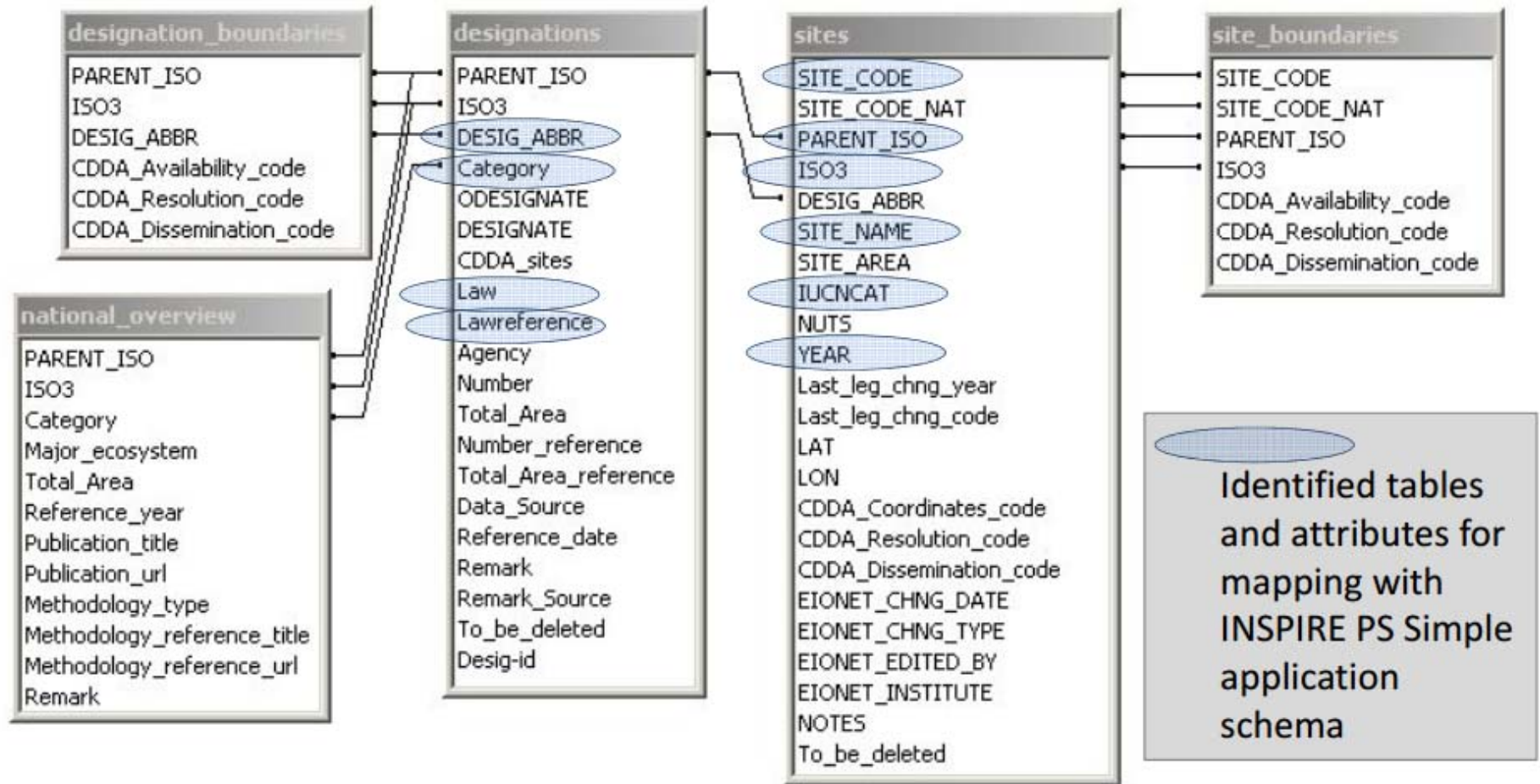
Linked Approach and CDDA 2018

CDDA

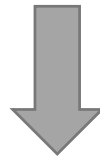
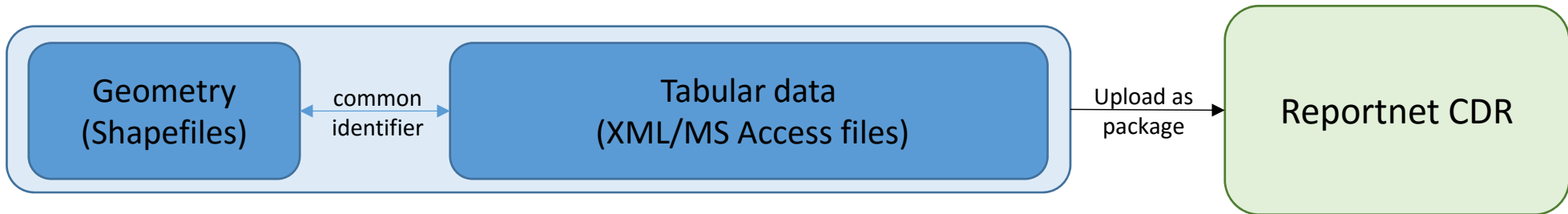
- Common Database on Designated Areas
- Nationally designated protected areas (e.g. nature reserve, national parks, etc.)
- EIONET core data flow
- Not part of the environmental legislation
- Rather simple data model

INSPIRE and Reporting

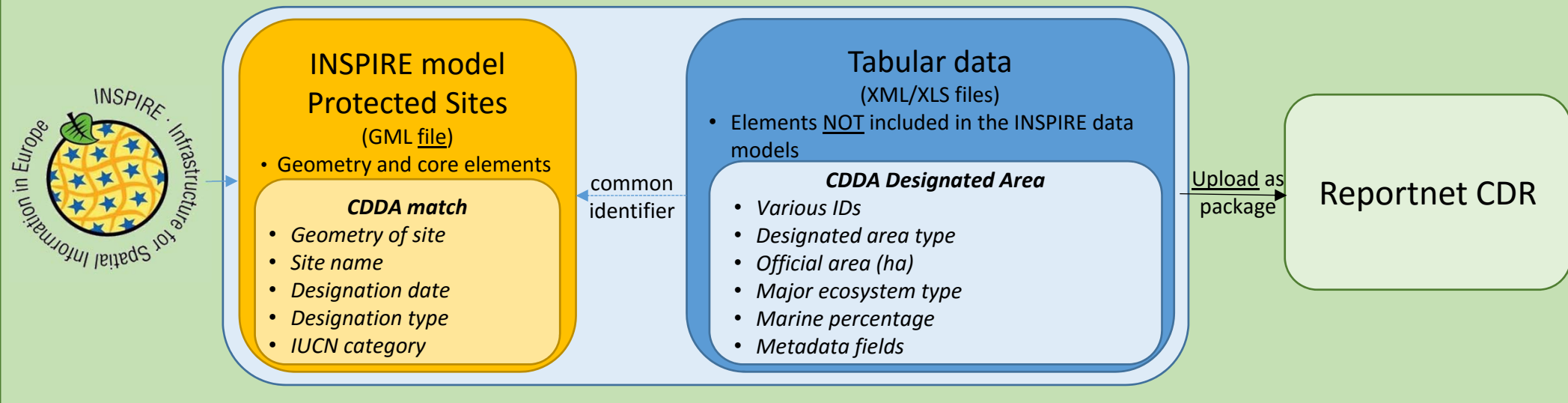
Previous CDDA data model



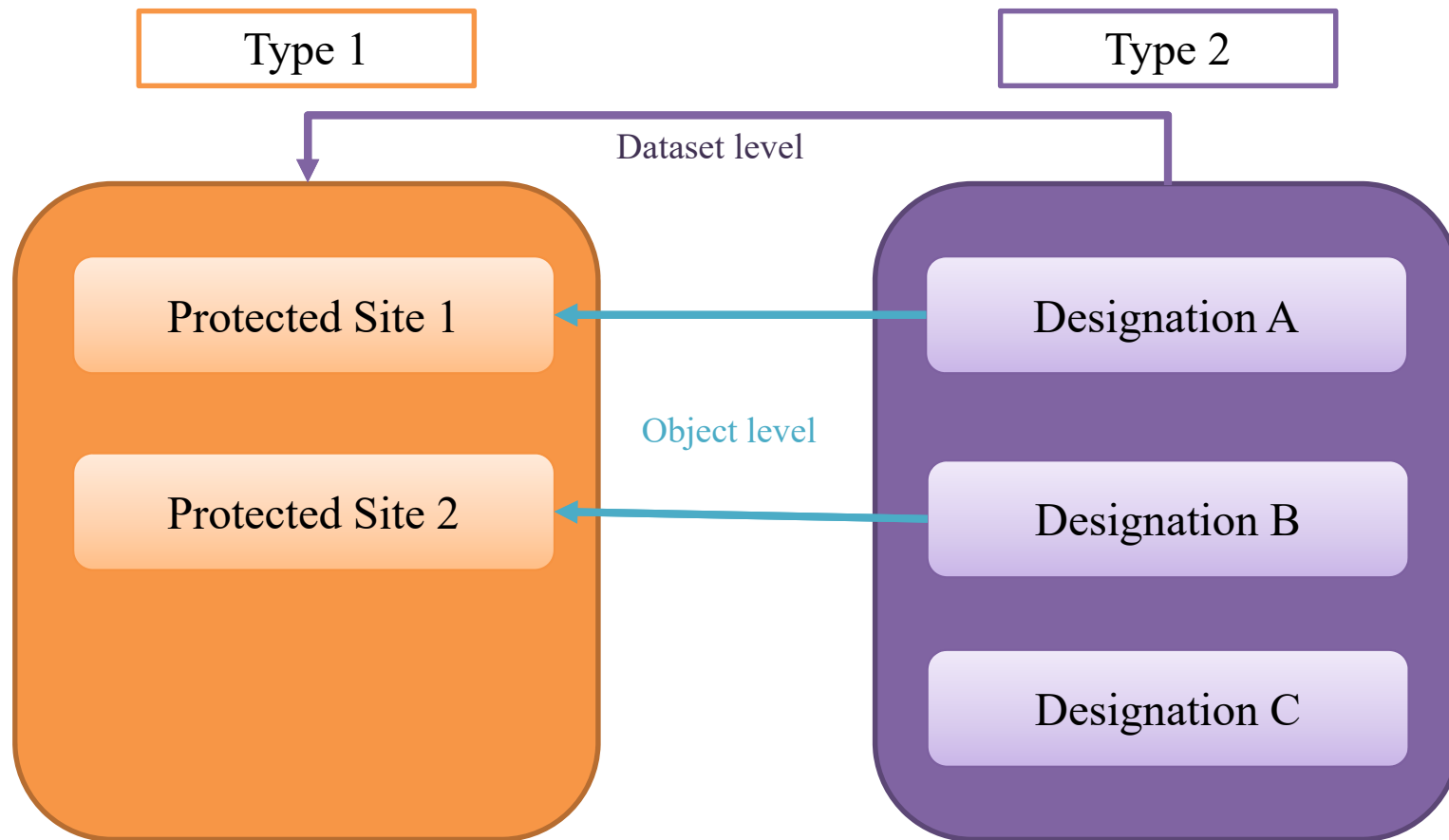
Current reporting approach in CDDA



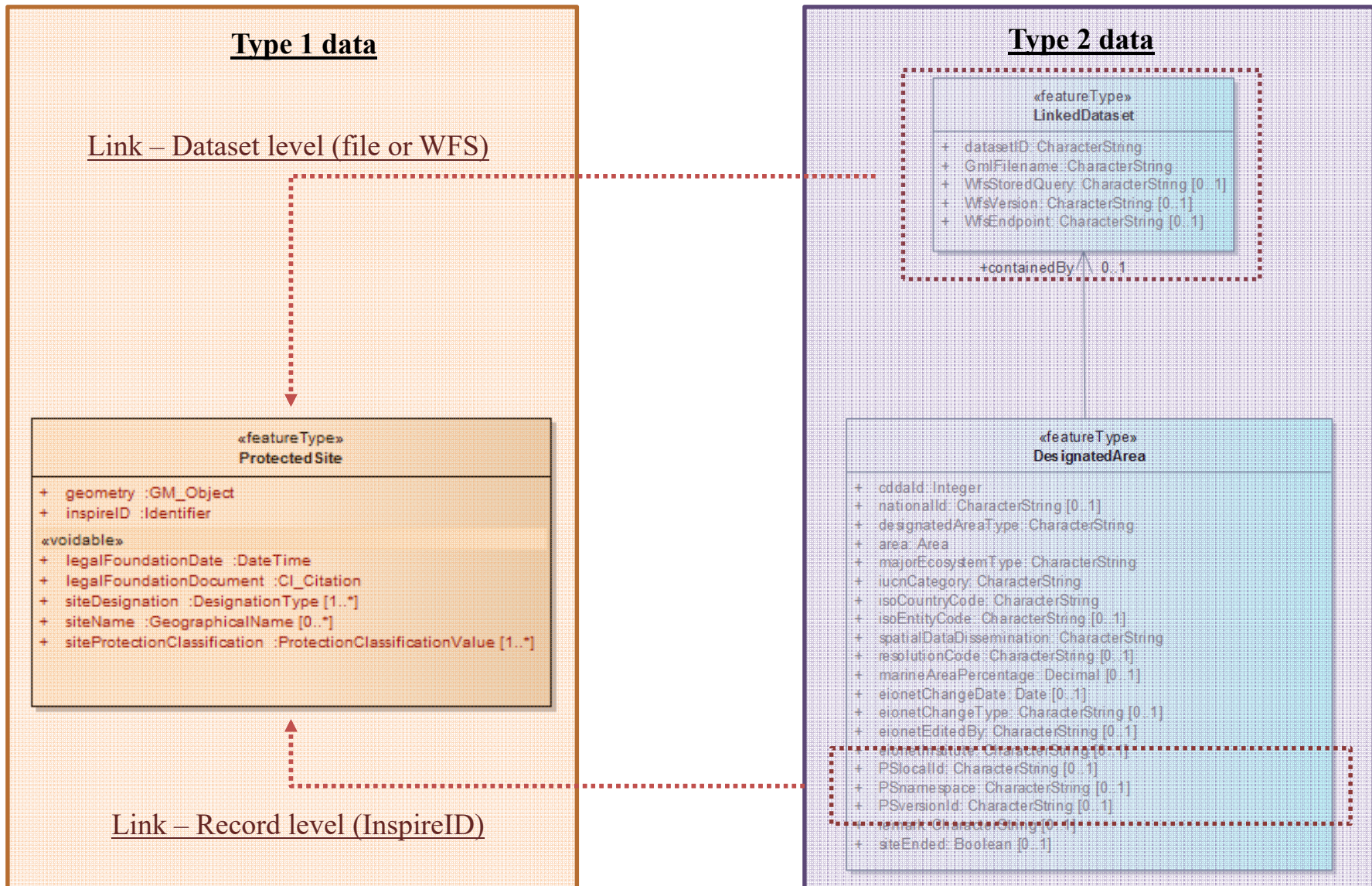
CDDA 2018 approach re-using INSPIRE Protected Sites



Linked Approach and CDDA 2018



Linked Approach and CDDA 2018



Linked Approach and CDDA 2018

CDDA '18 roadmap

- **April 2017** - Webinar with EIONET NRCs (INSPIRE PS experts are welcome as well)
- **June 2017** – Consultation on the draft reporting guidelines for CDDA & NRC biodiversity workshop at EEA
- **July – September 2017** - Testing phase with interested countries
- **October 2017** - Final reporting guidelines
- **December 2017** - Call for 2018 data collection
- **March 2018 – Reporting deadline for CDDA reporting**
- WFS harvesting tests decoupled from the official reporting

Thanks

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Mette Lund

European Environment Agency