WEBINAR 4:

Technological Building Blocks

25. OCT. 2023

Webinarrække om data spaces

Temaer for webinarerne

17. AUGUST 2023
WEBINAR: INTRODUKTION TIL DATA SPACES OG STANDARDER
Læs mere om webinaret og hent optagelse her

4. SEPTEMBER 2023
WEBINAR: ENERGI DATA SPACES
Læs mere og tilmeld dig her

28. SEPTEMBER 2023
WEBINAR: GOVERNANCE OG LOVGIVNING INDEN FOR DATA SPACES
Læs mere og tilmeld dig her

25. OKTOBER 2023
WEBINAR: TEKNISKE KOMPONENTER TIL DATA SPACES
Læs mere og tilmeld dig her

7. DECEMBER 2023
WEBINAR: EKSPERTPANELETS ANBEFALINGER
Læs mere

2. NOVEMBER 2023
EKSPERTPANEL 1/2
Et udvalgt ekspertpanel arbejder i dybden med energi data spaces. Ekspertpanelet er arrangeret i samarbejde med Digital Energy Hub.
Tilmeld dig via mail til Lea Schick

2. NOVEMBER 2023
EKSPERTPANEL 2/2
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https://alexandra.dk/webinarraekke-om-mulighederne-inden-for-data-spaces/

Agenda

- **Welcome and short introduction,** v. Lea Schick Alexandra Instituttet
- **Eclipse Data Space Components**, Peter Koen, Microsoft/IDSA
- **KMD and NEC's work with data spaces and the Fiware context broker**, v. Mads Bonne, KMD and Ernoe Kovacs, NEC
- **Energinet's data space development**, v. Jens Schwee, Energinet
- **Data Space-as-a-Service,** v. Sebastian Kleff, CEO Sovity
- **Questions and debate**

Introduction to technical buildings blocks for data spaces

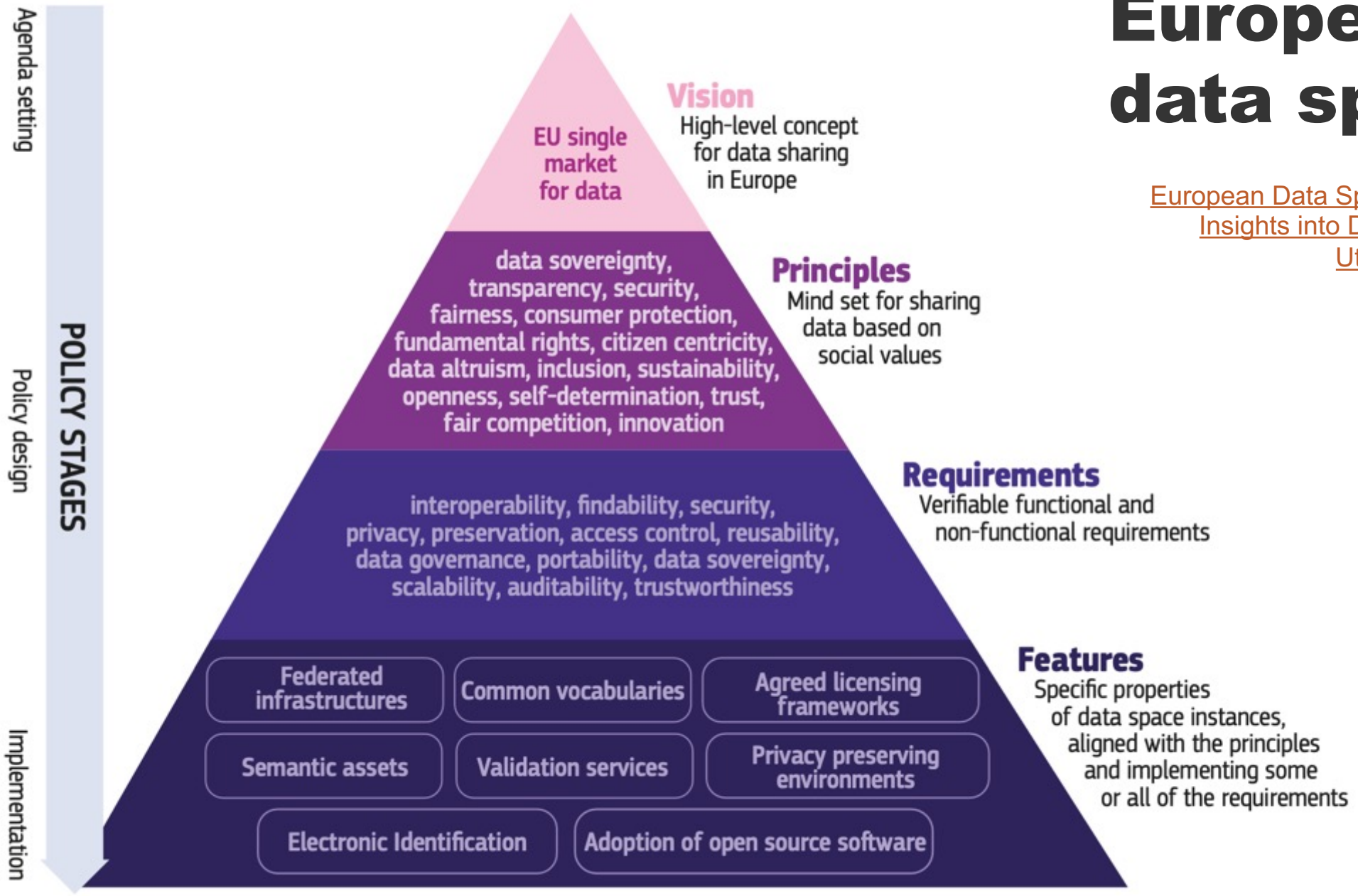
LEA SCHICK, 4. SEPT. 2023

energy CLUSTER DENMARK

ALEXANDRA INSTITUTTET

European data spaces

[European Data Spaces - Scientific Insights into Data Sharing and Utilisation at Scale]



Source: JRC's own elaboration based on existing EU policy documents.

Generel introduction to data spaces

For a general introduction to data spaces see webinar 1: https://alexandra.dk/introduktion-til-data-spaces-og-standardisering/

Or read the report https://alexandra.dk/wp-content/uploads/2023/01/Data_Spaces_kortlaegning_aktoerer_initiativer.pdf (in Danish)

A data space is defined as a decentralised infrastructure for trustworthy data sharing and exchange in data ecosystems based on commonly agreed principles.

https://design-principles-for-data-spaces.org/

Legislation

General Data Protection Regulation

(2016)

Open Data Directive

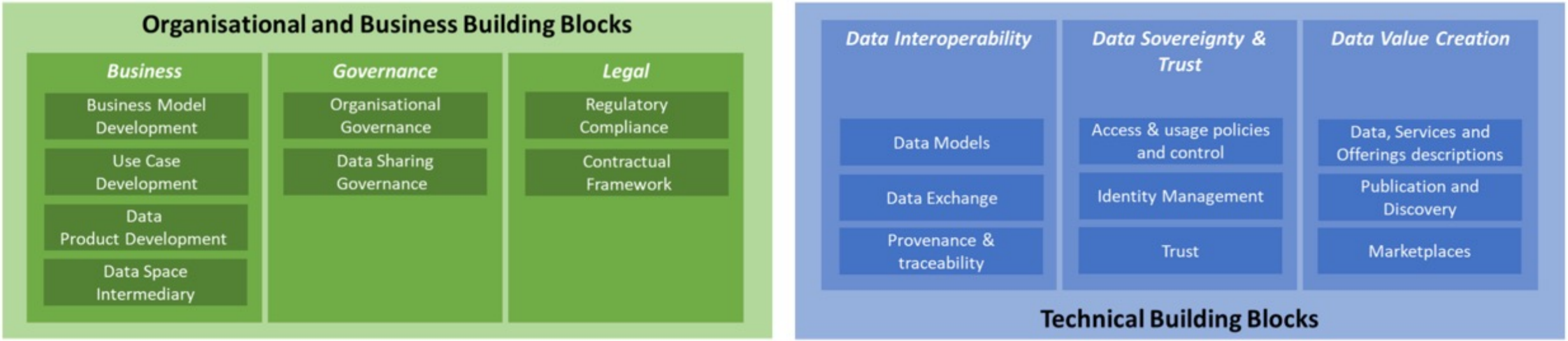
(2019)

(2023)

(proposed)

Dansk Standard webinar: *Nye EU regler for brug af data* – imorgen den 26. okt. 13-14.

Technical Building Blocks



Data Sace Support Centre, Blueprint 0.5: https://dssc.eu/space/BBE/178422228/Technical+Building+Blocks

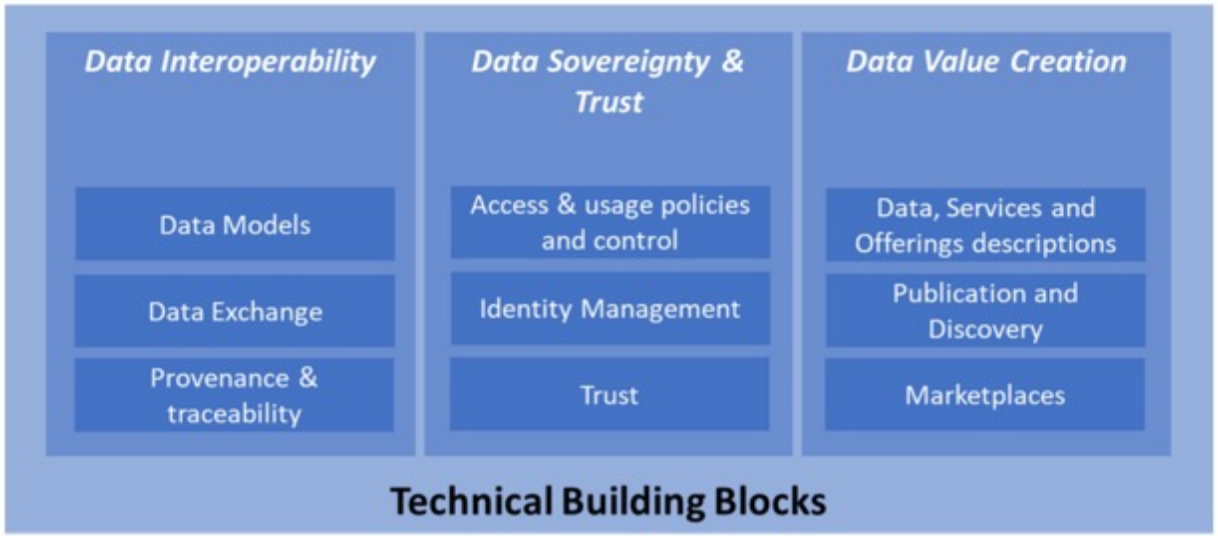
Technical Building Blocks

A data space requires several capabilities on a technical level. They are structured according to three pillars:

1. Data interoperability: capabilities needed for the exchange of data: (semantic) models, data formats and interfaces (APIs). This also includes functionalities for provenance & traceability.

2. Data sovereignty and trust: capabilities needed for the identification of participants and assets in a data space, the establishment of trust and the possibility to define and enforce policies for access and usage control.

3. Data value creation: capabilities used to enable value-creation in a data space, e.g. by registering and discovering data offerings or services, providing marketplace functionality and enable monetisation of data sharing.



Data Sace Support Centre, Blueprint 0.5: https://dssc.eu/space/BBE/178422228/Technical+Building+Blocks

Further reading and viewing

- IDS Rulebook
- IDS-RAM 4.0
- IDS Connector Report
- Data Space Support Centre: Blueprint 0.5
- Data Space Support Centre: webinar on blueprint

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Åben for dialog

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Lea Schick

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