



Introduction Data Sharing Coalition

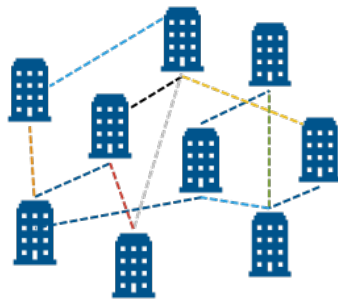
Eefje van der Harst - 5 November 2020

Welcome

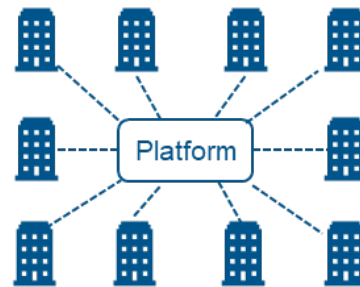
Data sharing can happen in different ways, for our economy and society it is best if we can avoid data monopolies



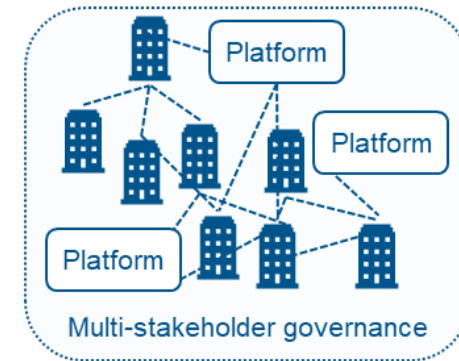
One to One Data Sharing



Central Commercial Platform



Afsprakenstelsel



Example



Application Programming Interface

High Transaction Costs

Example



PREDIX



Data monopolies

Example



INTERNATIONAL DATA SPACES ASSOCIATION

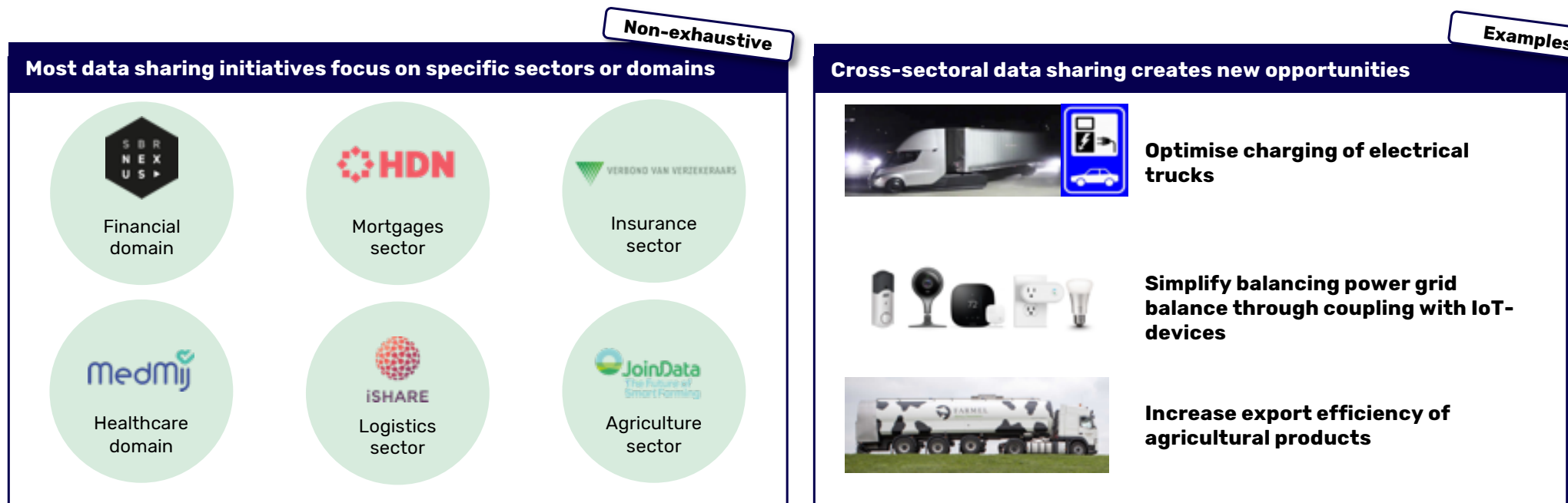


SBR BANKEN
De standaard voor ondernemers



+1% economic growth

Several initiatives that focus on specific domains have emerged; collaboration is required to unlock cross-sectoral value

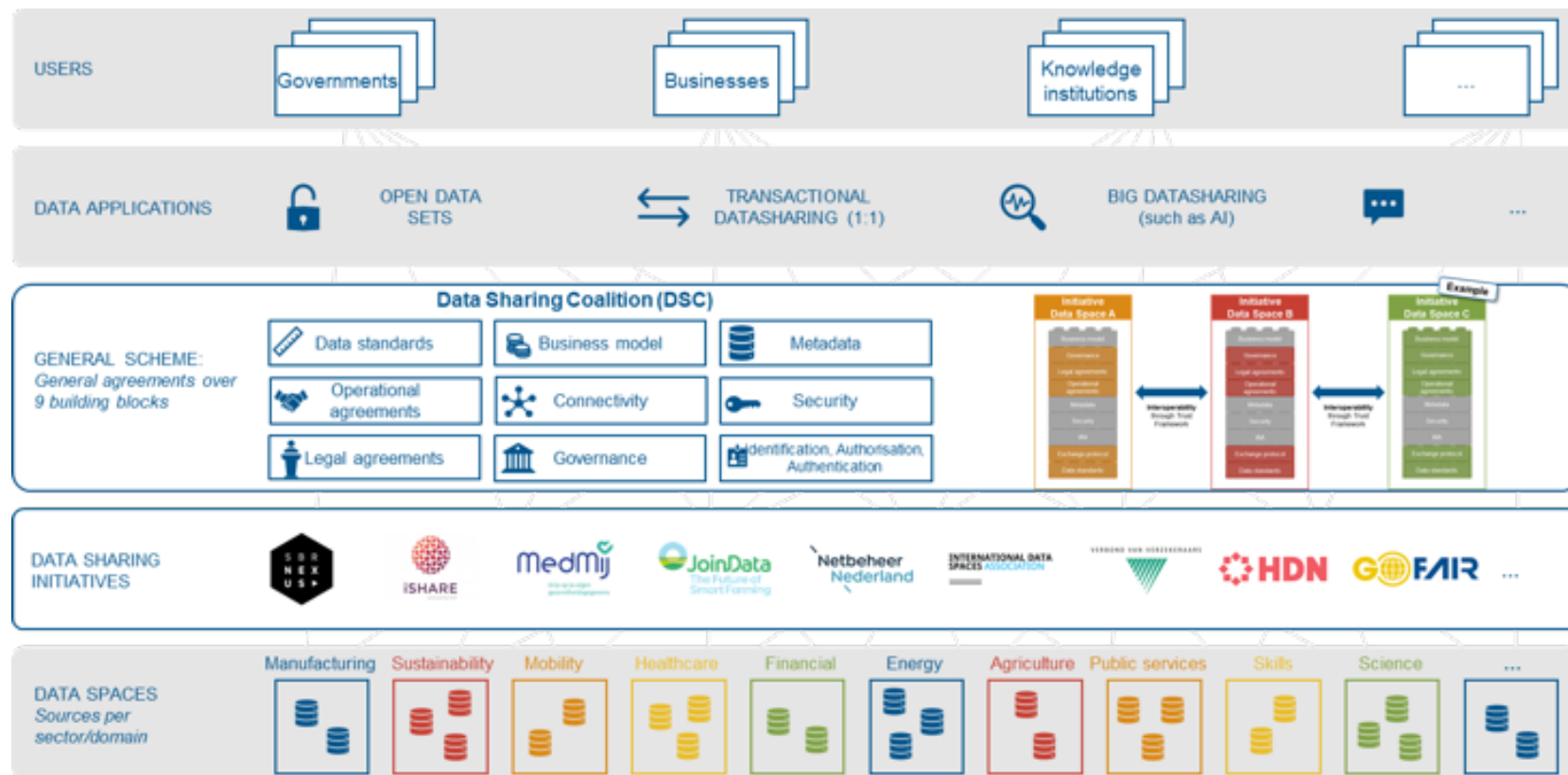


Collaboration between individual data sharing initiatives will **unlock significant value creation** through cross-sectoral data sharing

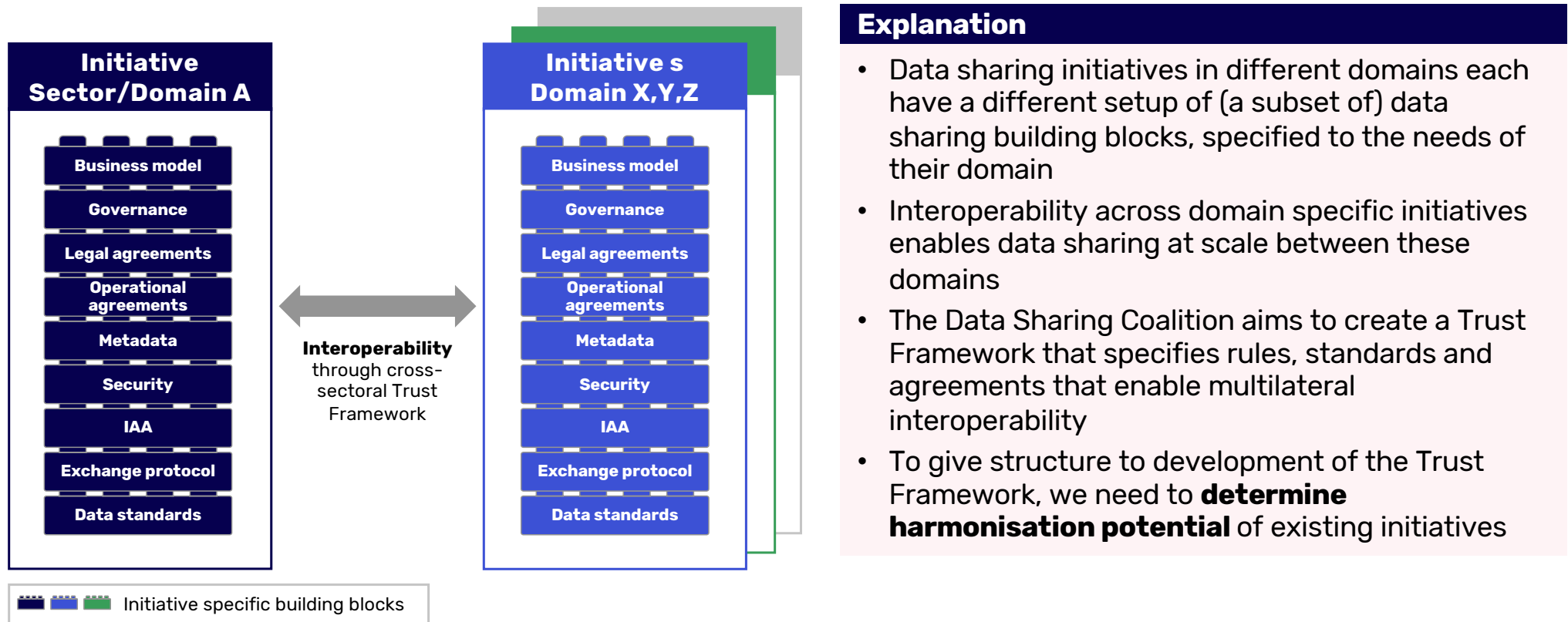
Data Sharing Coalition is a market driven, collaborative initiative that strives to unlock the value of cross-sectoral data sharing



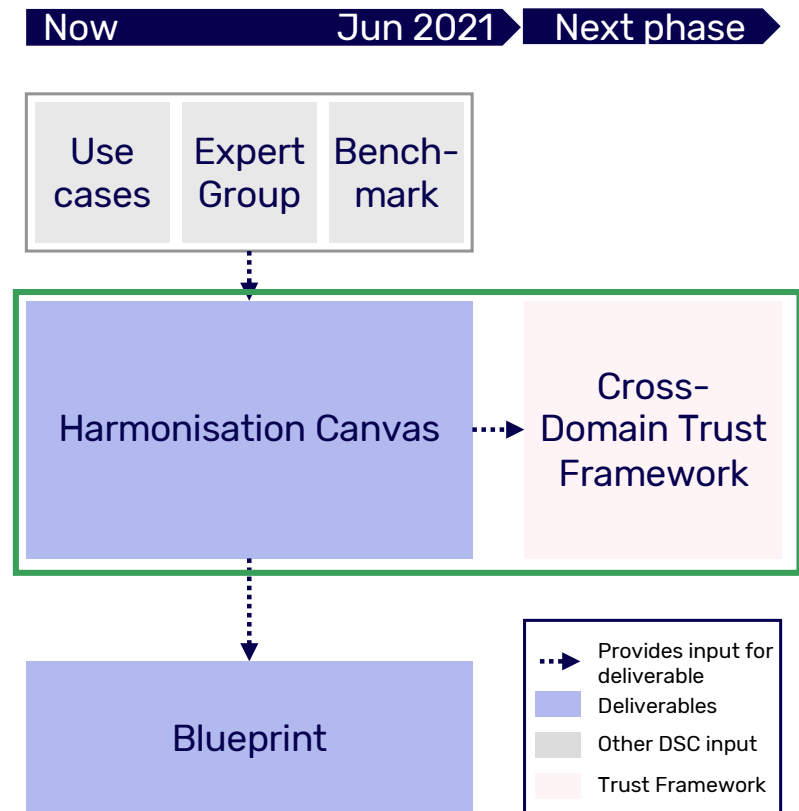
In 2025, a co-created Trust Framework enables interoperability between initiatives and thus drives cross-sectoral data sharing



Determining harmonisation potential of data sharing initiatives provides structure for future Trust Framework development



Harmonisation Canvas captures results of our exploration of common agreements needed for interoperability across domains



Harmonisation Canvas provides input for Trust Framework

- **Harmonisation Canvas captures results of collaborative exploration** on common agreements required to achieve interoperability across domains, based on insights from:
 - Use cases
 - Expert input
 - Analyses of existing initiatives
- **Provides input for the Cross-Domain Trust Framework** with:
 - Topics requiring agreements to achieve interoperability
 - Extent to which agreements are necessary for these topics
 - Best practices with regard to these future agreements
- **Cross-Domain Trust Framework will contain concrete agreements for data sharing ready for implementation by domains to achieve interoperability across domains**; it will be developed in the next phase of the Data Sharing Coalition

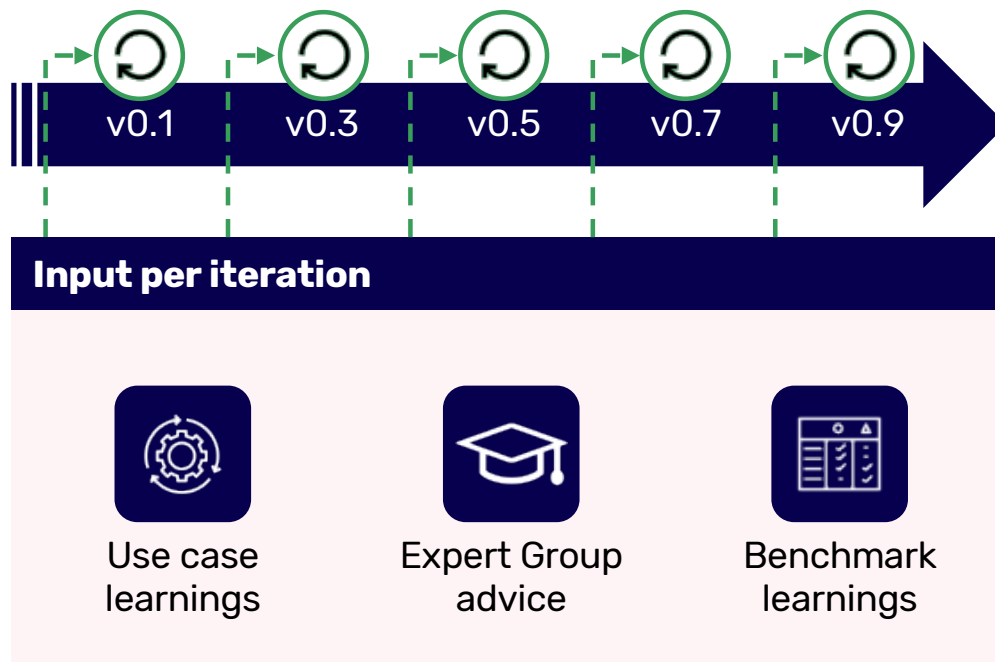
Ongoing iterative process will result in a Harmonisation Canvas that details scope of future Cross-Domain Trust Framework



An iterative process...

...towards a Harmonisation Canvas v1.0...






...detailing Trust Framework scope and guiding principles



Contents:

1. Business model
2. Governance
3. Operational agreements
4. Legal agreements
5. Data standards
6. Exchange protocol
7. Cybersecurity
8. Metadata
9. IAA

We now support 5 use cases that create cross-domain value and deliver insights on generic applicability of data sharing agreements

Use case name	Initiatives involved
Green loans for investment in energy-saving measures	
Sharing e-CMR freight transport data with insurers to enable improved processes and risk management	
Consume financial information of members on aggregated level for benchmark reporting	
Weed Robot: sharing agro IoT data with Service Providers such as smart farming solutions and financing parties	
Health data custodians making COVID-19 source data FAIR and available for reuse	

Green Loans use case was initiated because of a match between developments in the financial and energy sector



Developments financial sector

- The use of structured data in loan application processes is becoming increasingly important
- Intermediaries are looking for ways to diversify their services portfolio
- Financial institutions are looking to incorporate sustainable investments into their portfolio



Developments energy sector



- With the increased adoption of smart meters, more and more data on energy usage is available
- Data is already being used to support efficient energy networks
- Network operators are looking for new applications of this data to enable consumers to control and benefit from their data

Green Loans use case:

"A house owner wants to share smart meter data with his intermediary and loan provider so that he can obtain a loan for energy saving measures (e.g. solar panels)"

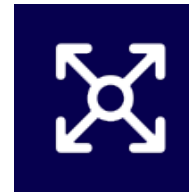
Discussion



Value creation from data sharing does not stop at (industry) borders...



...and there is still time to board this moving train



The data sharing coalition is an **open, growing initiative**. A wide range of organisations can play a key role in success of the coalition



What are the **key topics** in creating multilateral interoperability that is needed to unlock value from cross-sectoral data sharing?



Thank you



Need more info?

Go to: <https://www.datasharingcoalition.eu>

Or contact:

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