



# How to solve the 'data challenge' within Dutch banks?



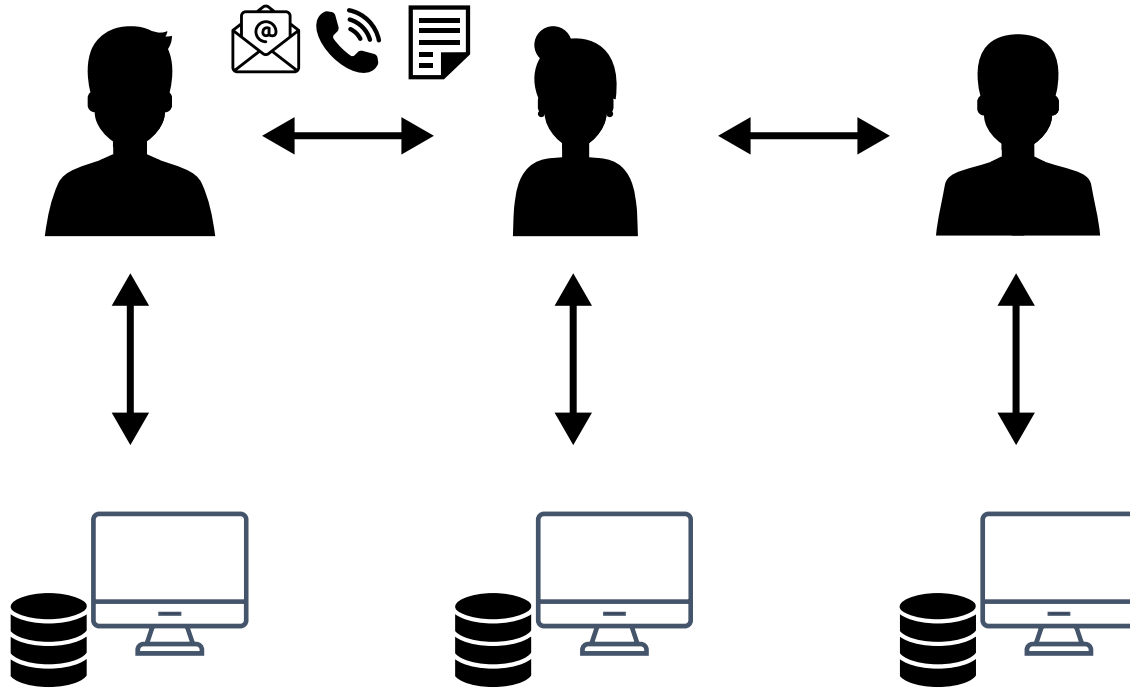
*'The technology is never biased, it is always the data which is biased'.*

SANDER  
MIDDENDORP  
CEO

Frankfurt, 19 juni 2019

# *Traditional cross industry data exchange*

Information is exchanged primarily from person to person



People in control

Understanding of context

Resistent for mistakes



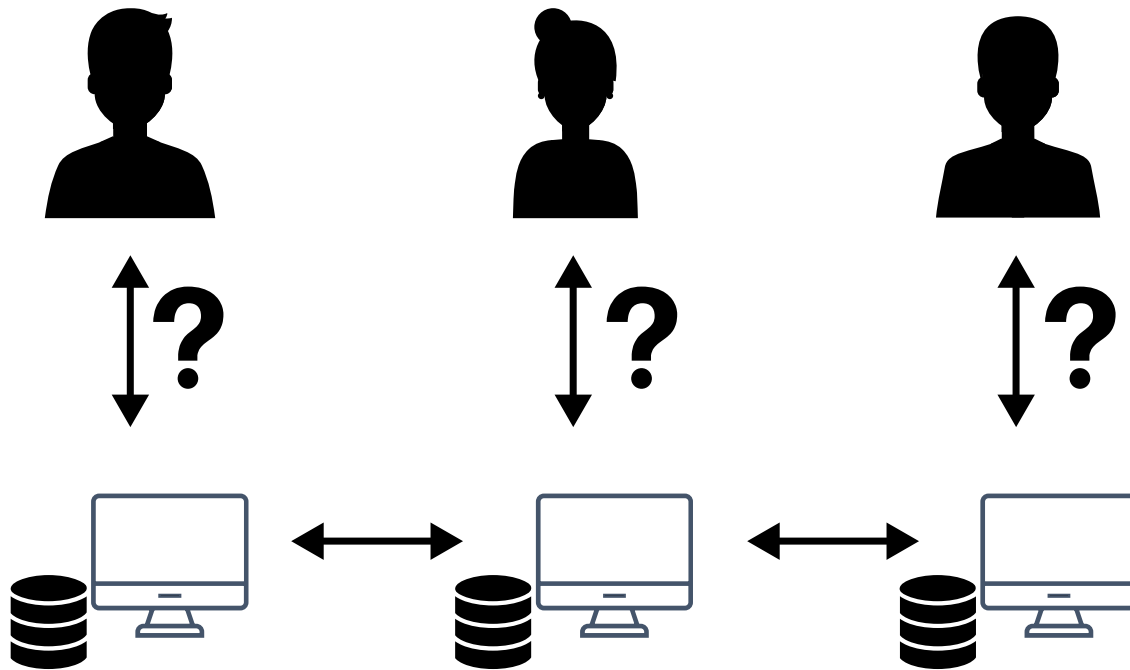
Errors

Slow

Depended on people

# *The new digital world*

Information is exchanged primarily from machine-to-machine



Digital structured machine readable data.



Quick


Clear

Not depended on people



People could feel out of control

People does not understand what the computer is doing.



2016		2020
12 mld	+146%	29,5 mld
400k	+60%	640k
10k	+41%	14k

The “digital economy”, with data sharing as an important pillar, has significant social and economic potential.

Findability and accessibility of data <sup>1</sup>	47%
Lack of control over access rights <sup>1</sup>	49%
Different formats and standards <sup>1</sup>	53%
Lack of security <sup>1</sup>	48%

Achieving potential is mainly hampered by operational challenges, trust in each other's intention and a lack of consciousness.

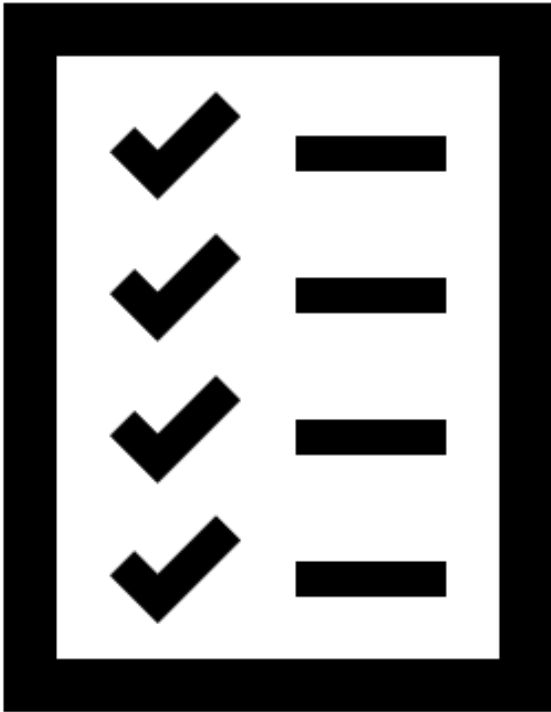


With SBR nexus the Dutch banks  
wants to create a single source of  
truth with an undisputable  
end2end audit trail.



Frictionless and controlled cross-industry exchange of structured, validated and qualified data



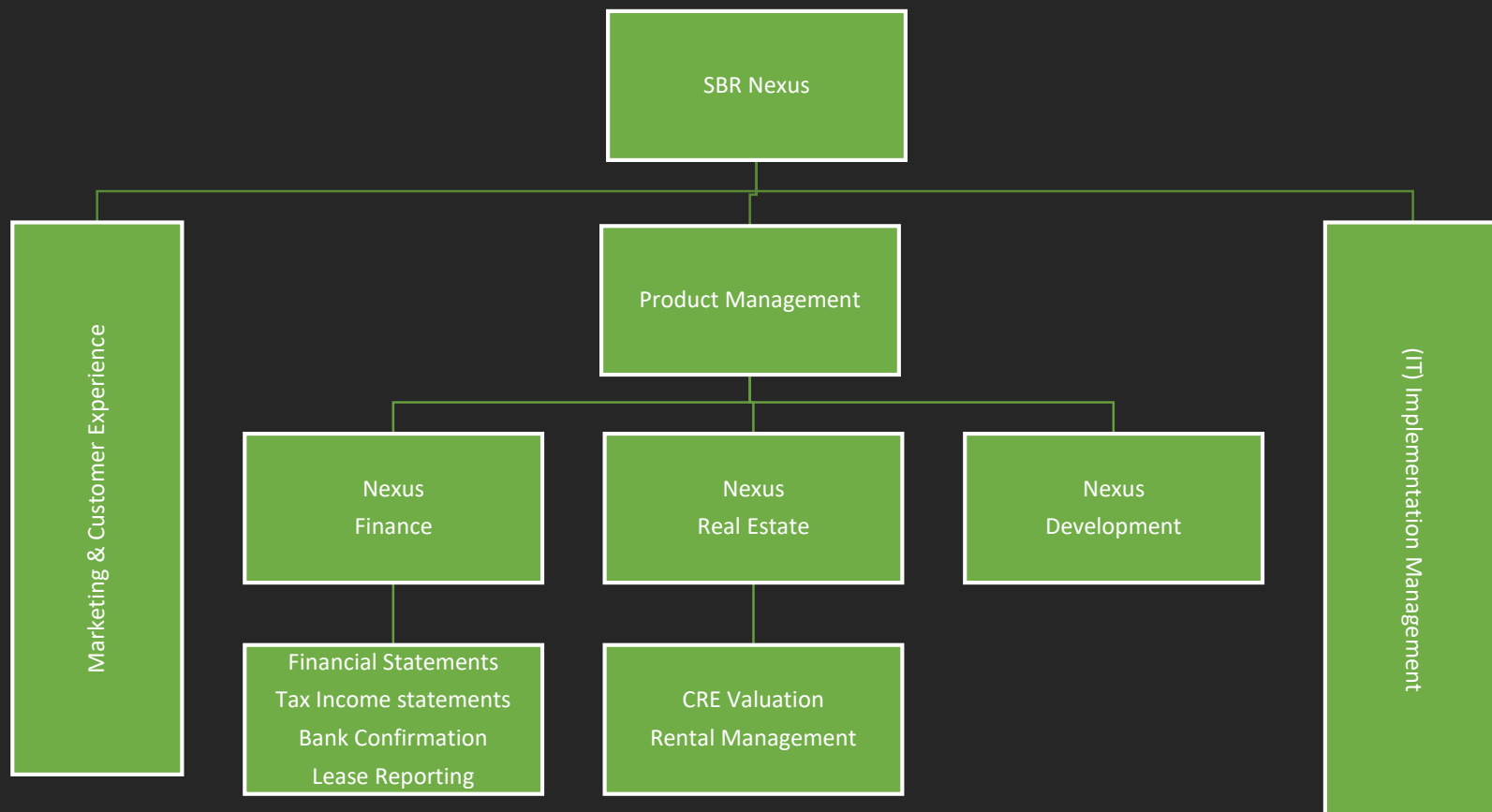


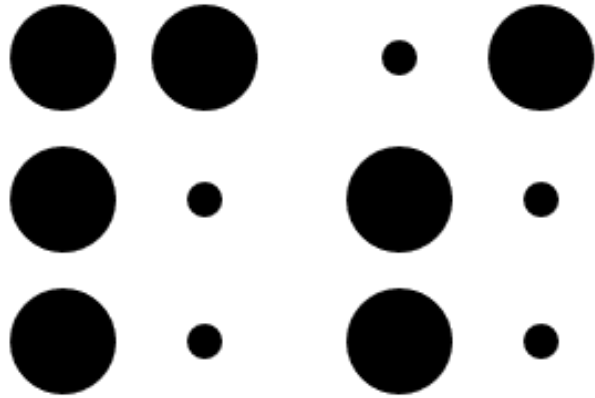
| Market accepted open standard taxonomies

| Machine to machine data exchange network trusted by people.

| One process & language across the chain



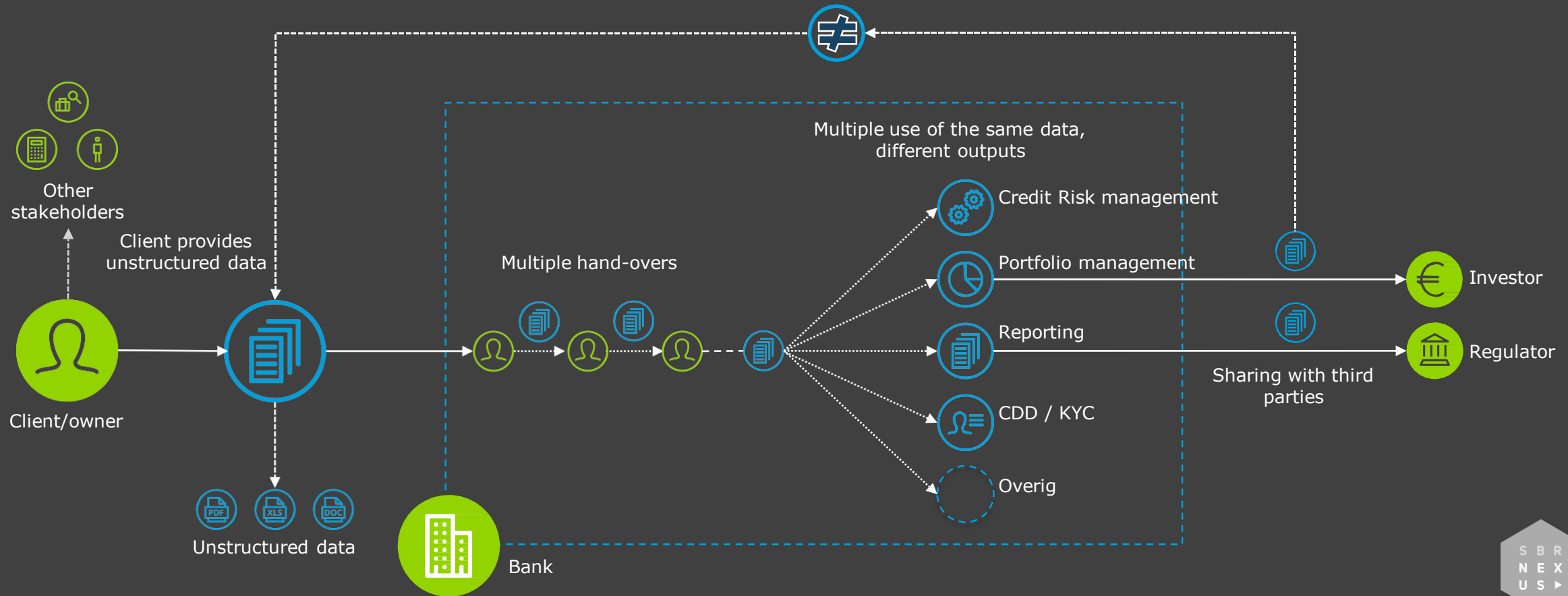




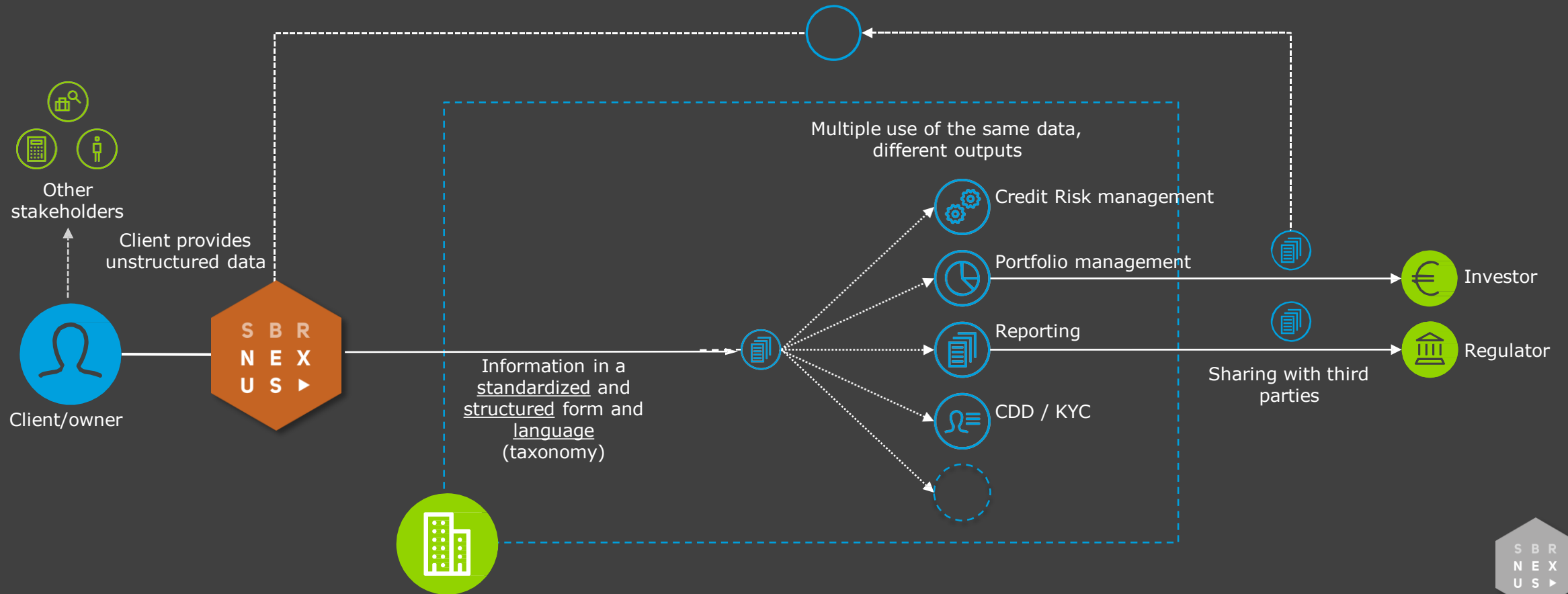
# THE DATA CHALLENGE IN FINANCE

*Information provided by the client is not (always) the same as the information being shared by the bank: information is intentionally and unintentionally modified and because of multiple (unstructured) hand-overs, verification of the source is difficult or impossible.*

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# The SBR Nexus solution



Structured, validated and qualified information provided from the source, provided by the client does have many significant advantages.

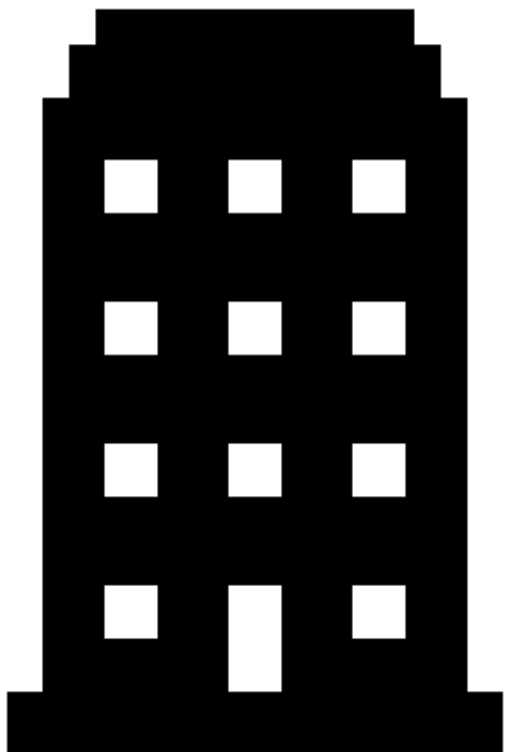
*Information hashed SBR Nexus creating:*

- | One single source of truth
- | An undisputable audit trail end2end
- | Understanding of data quality



*Resulting in:*




- | Better securitization/funding potential
- | Improved risk management
- | Efficiency improvements
- | Reduction of operational risk
- | Regulatory compliance
- | Data science options



# The SBR Nexus solution in Real Estate

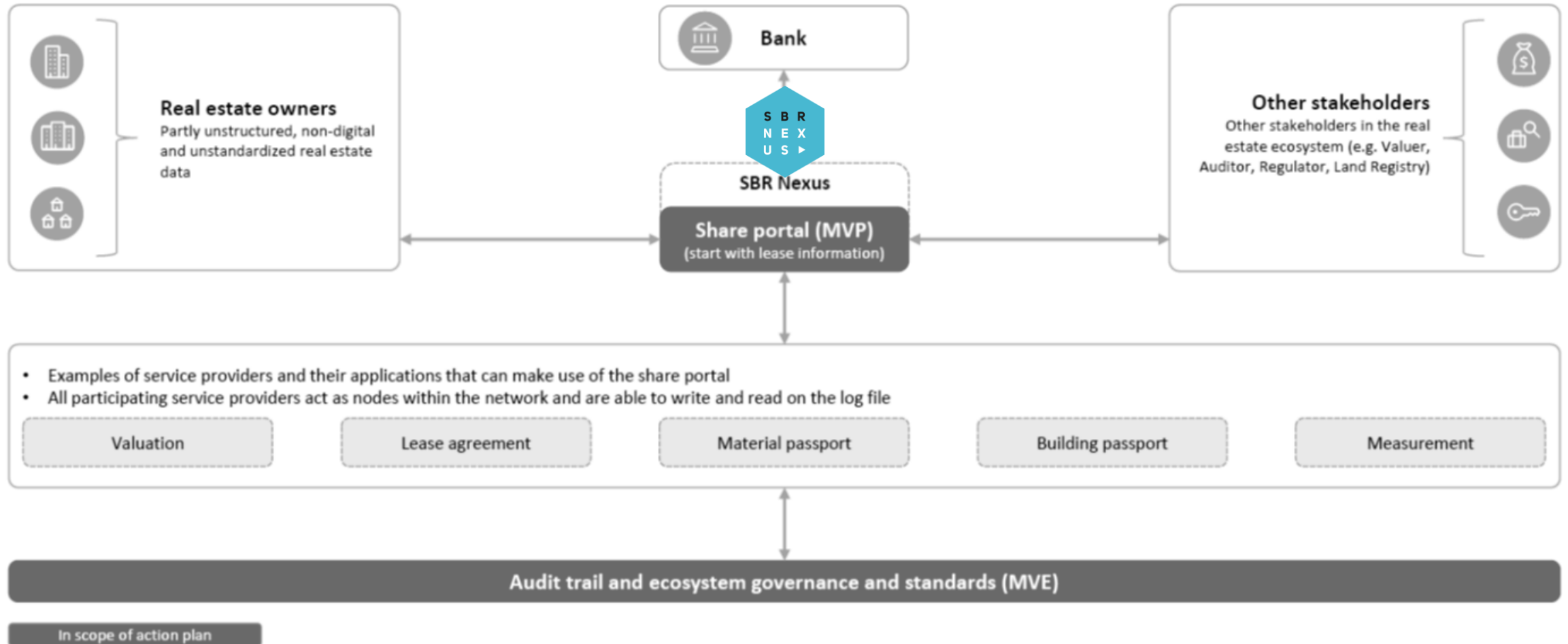
*Data sharing is Real Estate is cumbersome.*

Real estate data is not always available and unreliable and DNB requirements can not be met. The ambition is to change this by introducing standards and facilitating a digital real estate ecosystem.

 PROBLEM	 AMBITION	 SOLUTION
<ul style="list-style-type: none"><li>• Data sharing in the real estate industry is cumbersome, caused by:<ul style="list-style-type: none"><li>• Unstructured data</li><li>• Non-digital data and</li><li>• Unstandardized real estate data</li><li>• Lack of standardized data infrastructure</li></ul></li><li>• This causes:<ul style="list-style-type: none"><li>• Errors by manual processing</li><li>• Lack of trust in data</li><li>• Lack of traceability of data</li></ul></li><li>• Resulting in major inefficiency like:<ul style="list-style-type: none"><li>• Time intensive &amp; expensive processes</li><li>• Multiple checks of data source and quality</li><li>• Costly Due Diligence processes</li><li>• Non regulatory compliance (DNB)</li><li>• High risk of fraud</li></ul></li></ul>	<ul style="list-style-type: none"><li>• The three largest Dutch banks have the ambition of being a catalyst in solving this issue</li><li>• Partly for their own reasons (more efficient and reliable processes), partly to serve the industry becoming more professional</li><li>• SBR Nexus has been chosen as the governance body for this initiative</li><li>• Ambition is to facilitate a digital real estate ecosystem</li></ul>	<ul style="list-style-type: none"><li>• Audit trail for regulatory purposes amongst others</li><li>• In general: create and facilitate the standards for optimal data sharing and data verification in the real estate industry</li><li>• Specifically: start with the urgent use case of sharing lease information between real estate owners and their bank</li><li>• Specifically: Identify and implement use cases for a diverse set of real estate players</li></ul>

# Conceptual model of proposed solution

To develop: i) a portal for sharing real estate data (MVP) between stakeholders and ii) standards for data sharing and create an audit trail for logging real estate data (MVE).







Your welcome!