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GEOSPATIAL WORLD FORUM

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Ministerie van Binnenlandse Zaken en
Koninkrijksrelaties

View on the Netherlands – Data foundation

*Towards a Development
Strategy*

Geospatial World Forum / May the 16th 2024

Presentation by: Ruud van Rossem

Ministry of the Interior and Kingdom Affairs





Ruud van Rossem



- TU Delft
- Cadastre
- Ministry of Housing, Spatial Planning and the Environment
- Ministry of Infrastructure and the Environment
- Ministry of the Interior and Kingdom Affairs

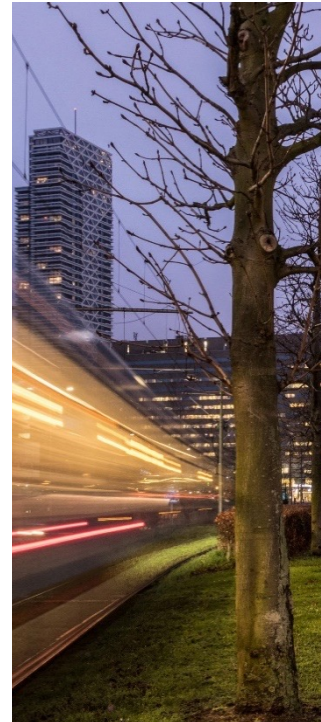
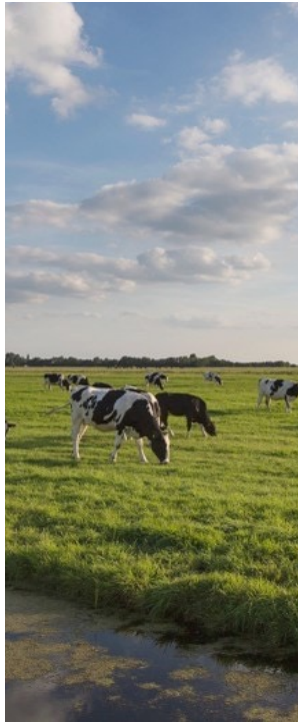
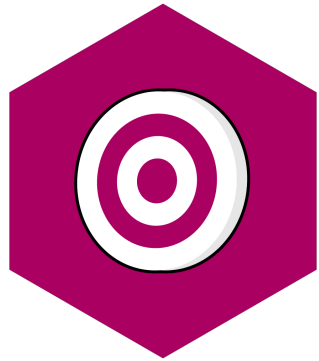
General Program Manager for:

- *2004-2009 Key Registers Cadastre (BRK) and Topography (BRT)*
- *2008-2017 Key Register Large Scale Topography (BGT)*
- *2017-now Further Development in Combination*
→
View on the Netherlands – Data Foundation



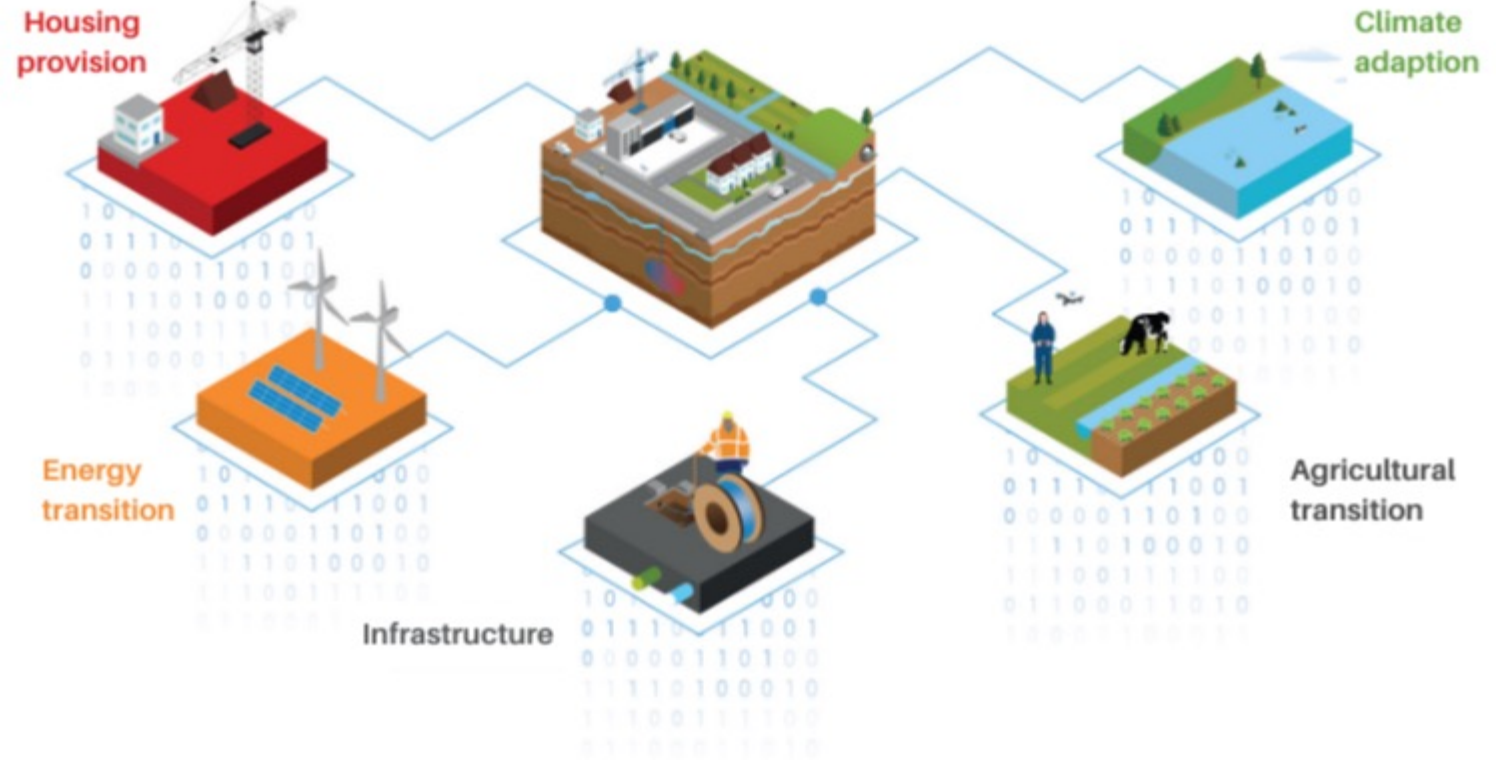


A geo-view on the Netherlands





Grip on the major societal challenges





Data foundation: a federal geo-data system



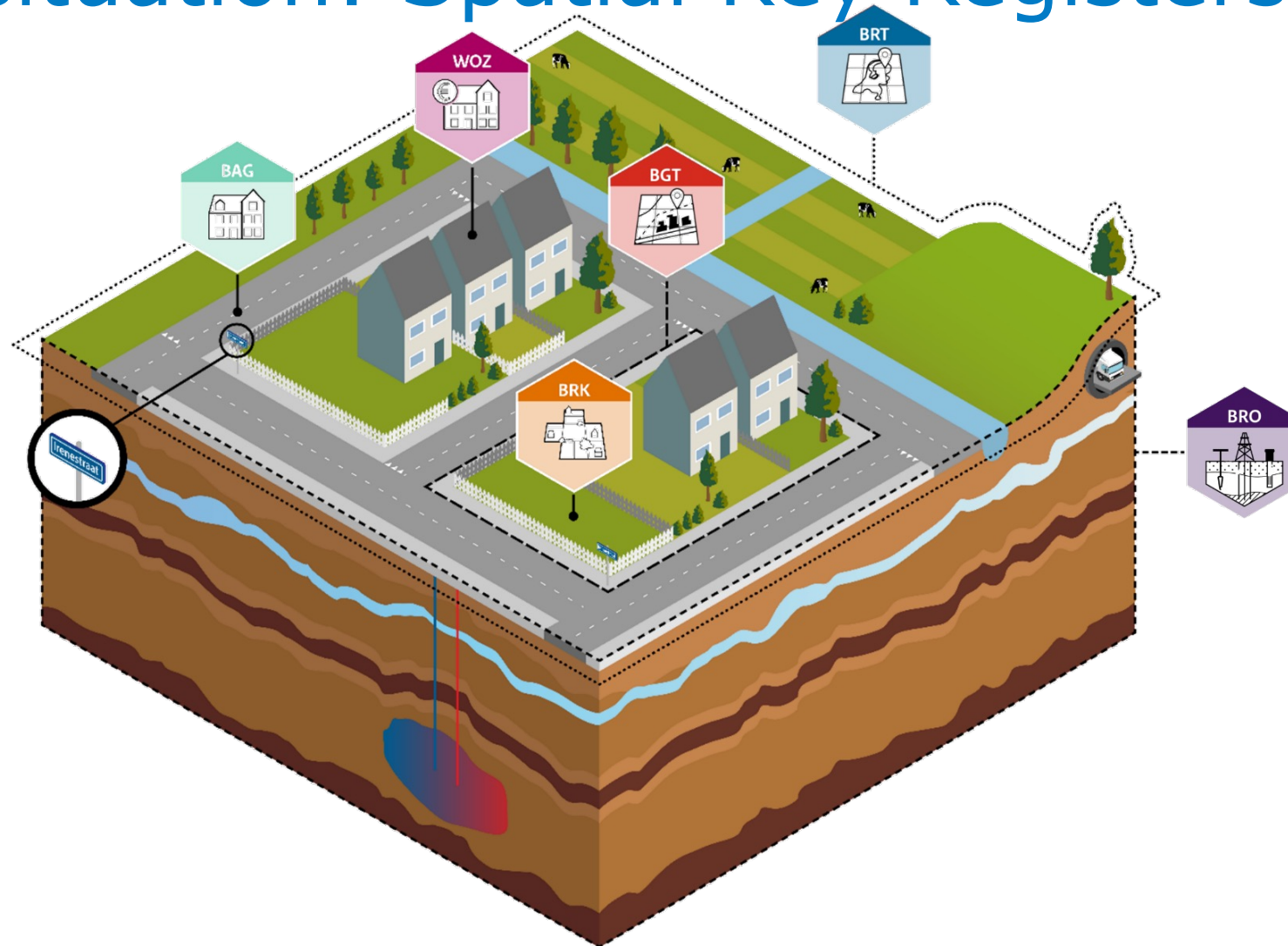


Strengthen the data foundation



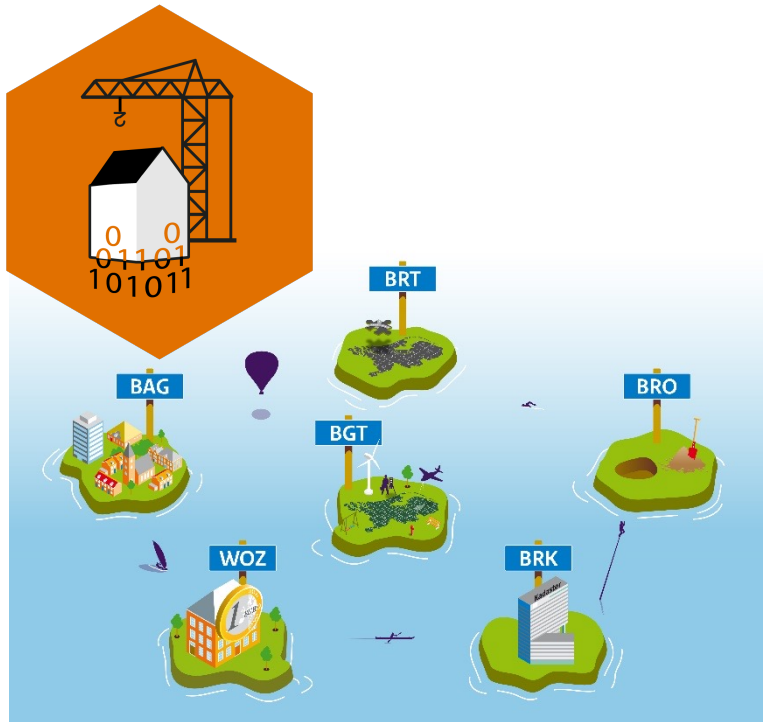


Current situation: Spatial Key Registers

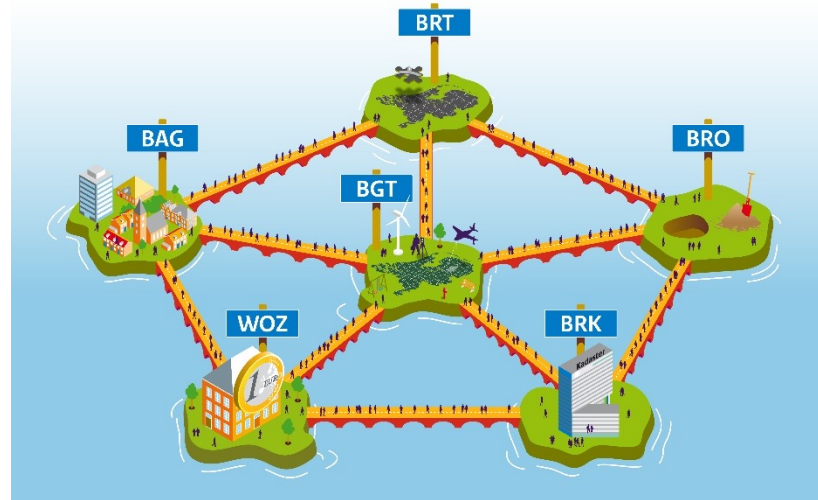




From islands towards a continuous data landscape



Past



Present

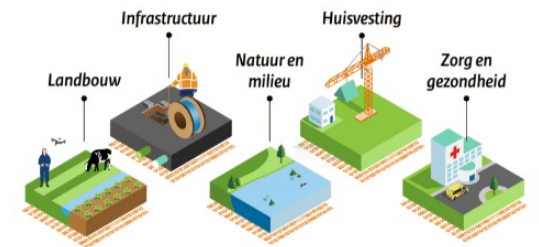


Future



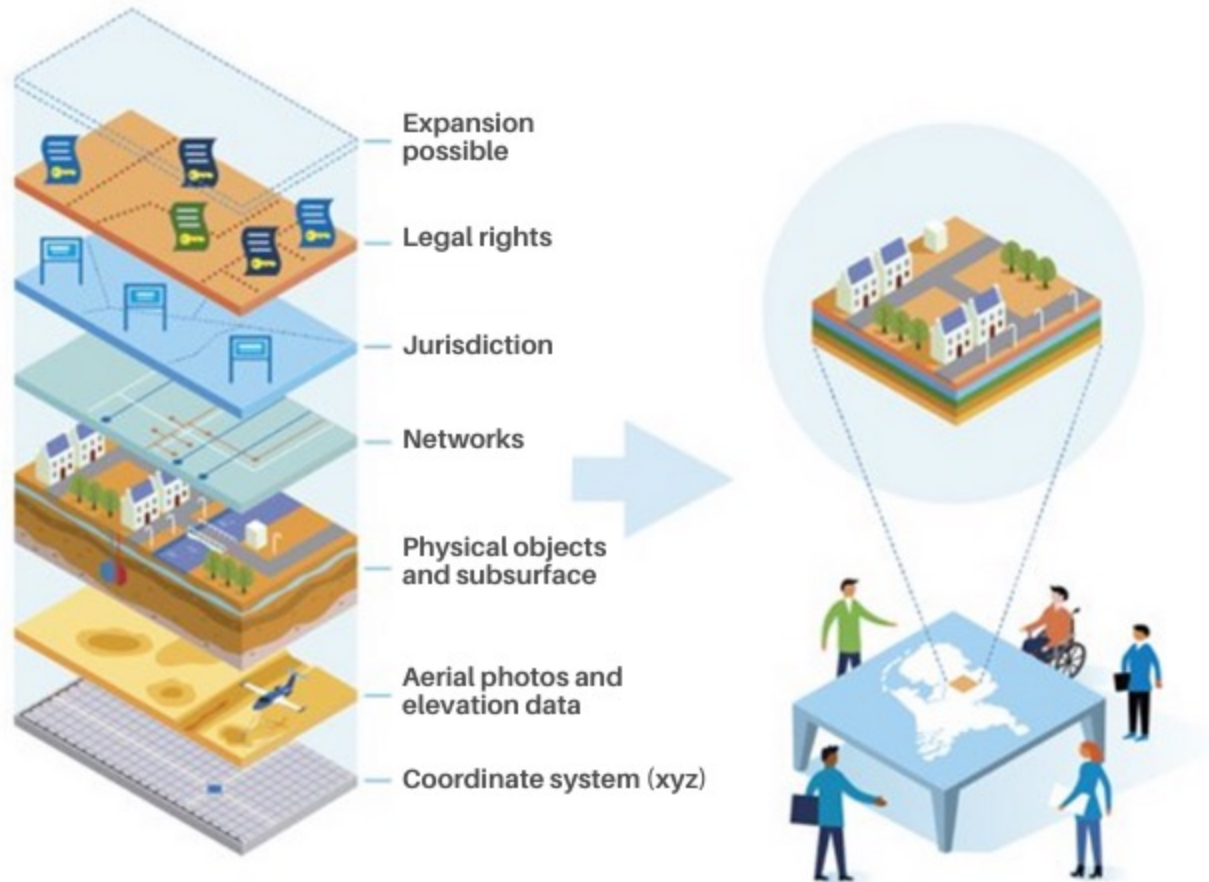


System of systems



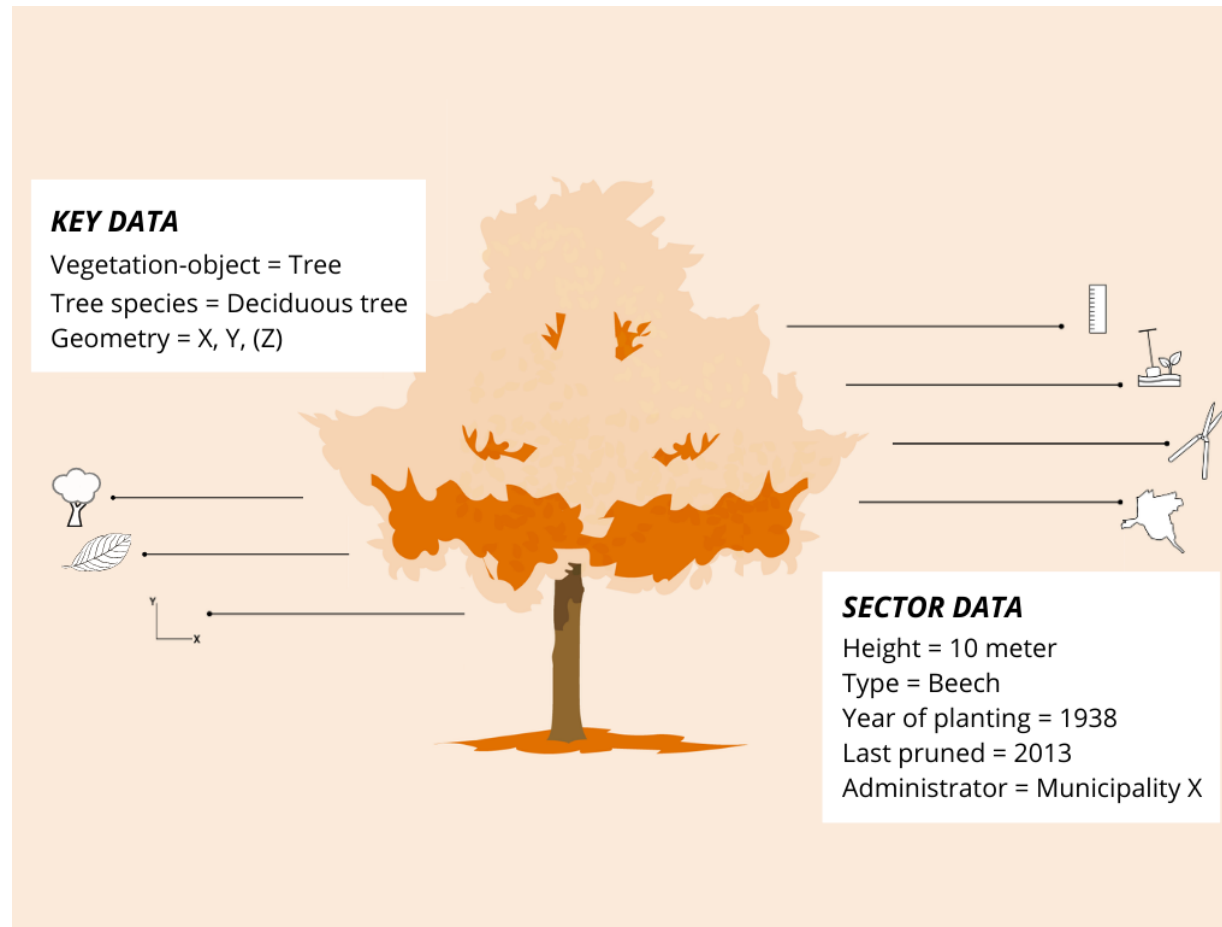


Coherent data



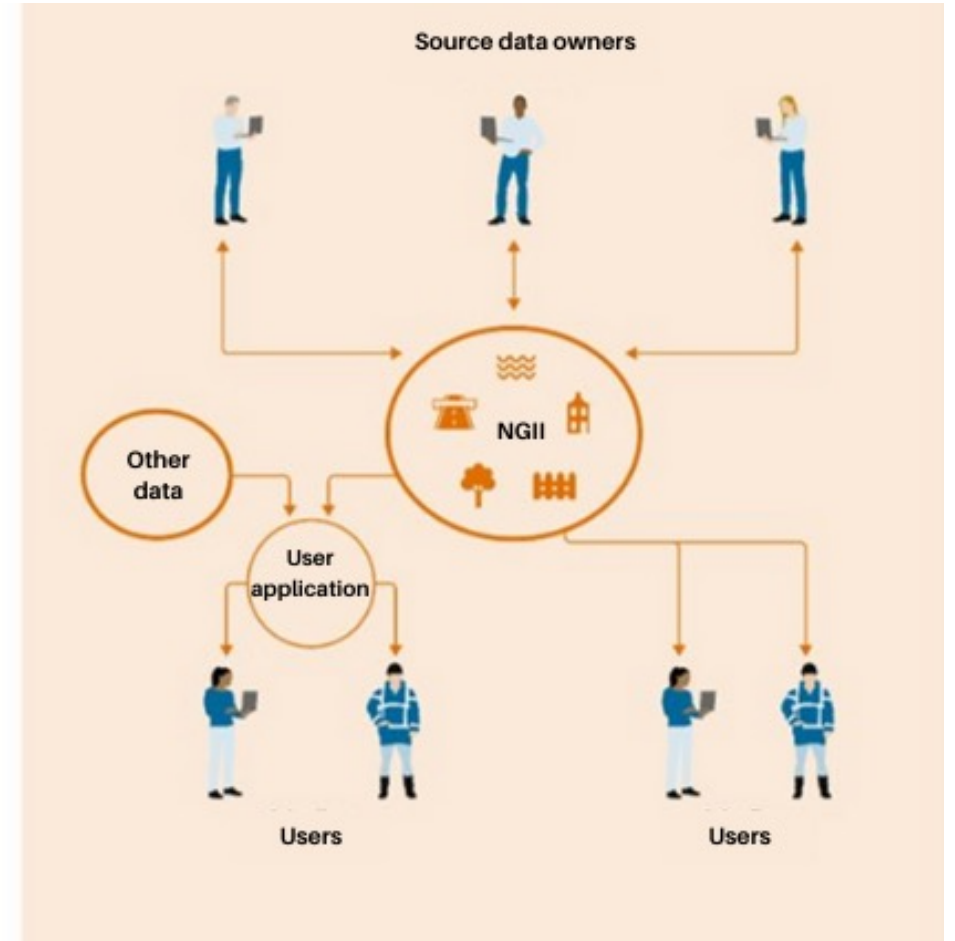
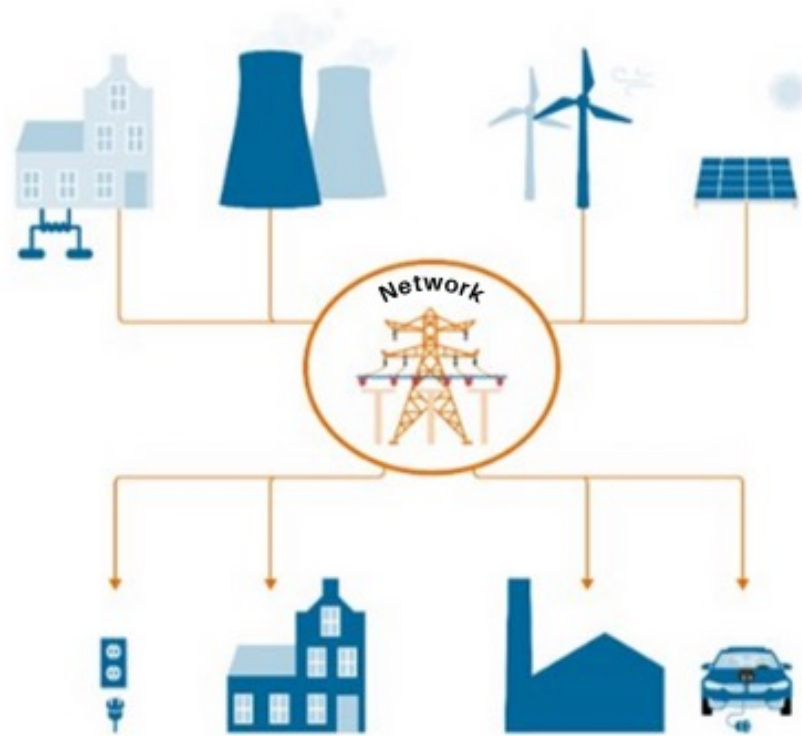


Key data and sector data





Geo-data flows optimally



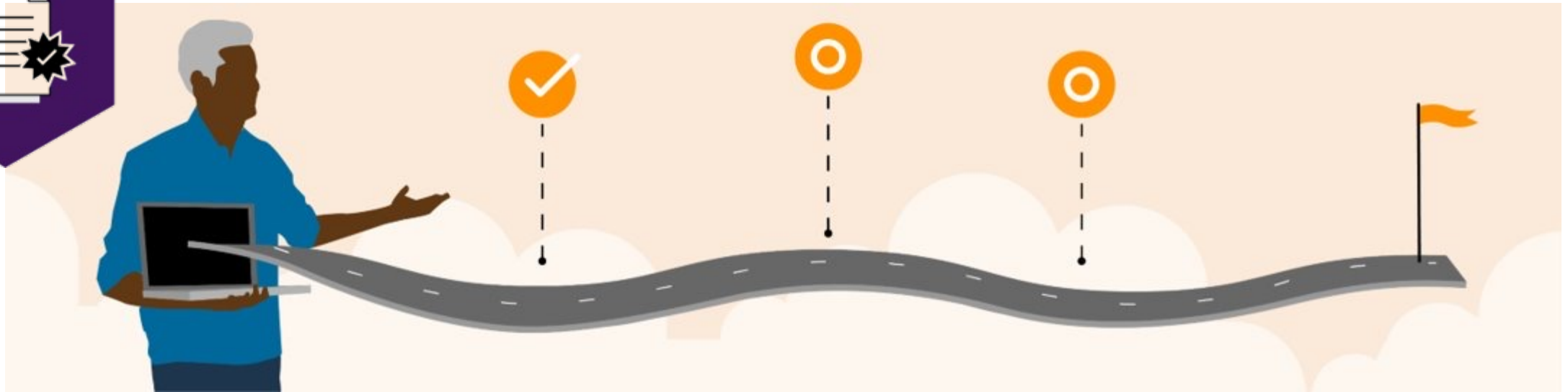


Joint approach





Joint route





A geo-view on the Netherlands



Grip on the major societal challenges



Data foundation



Related data

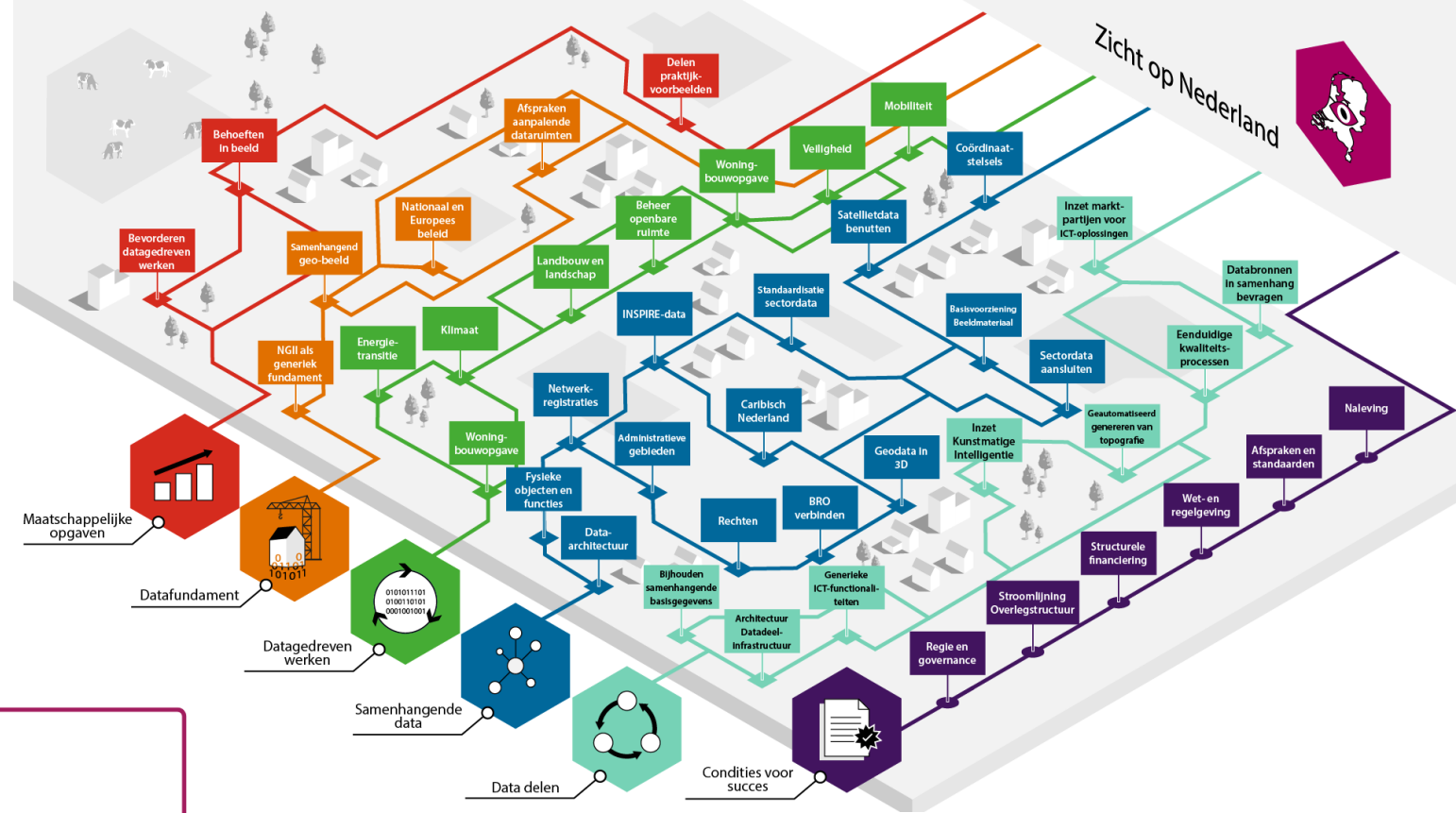


Sharing data



Conditions for success





A geo-view on the Netherlands

Grip on the major societal challenges

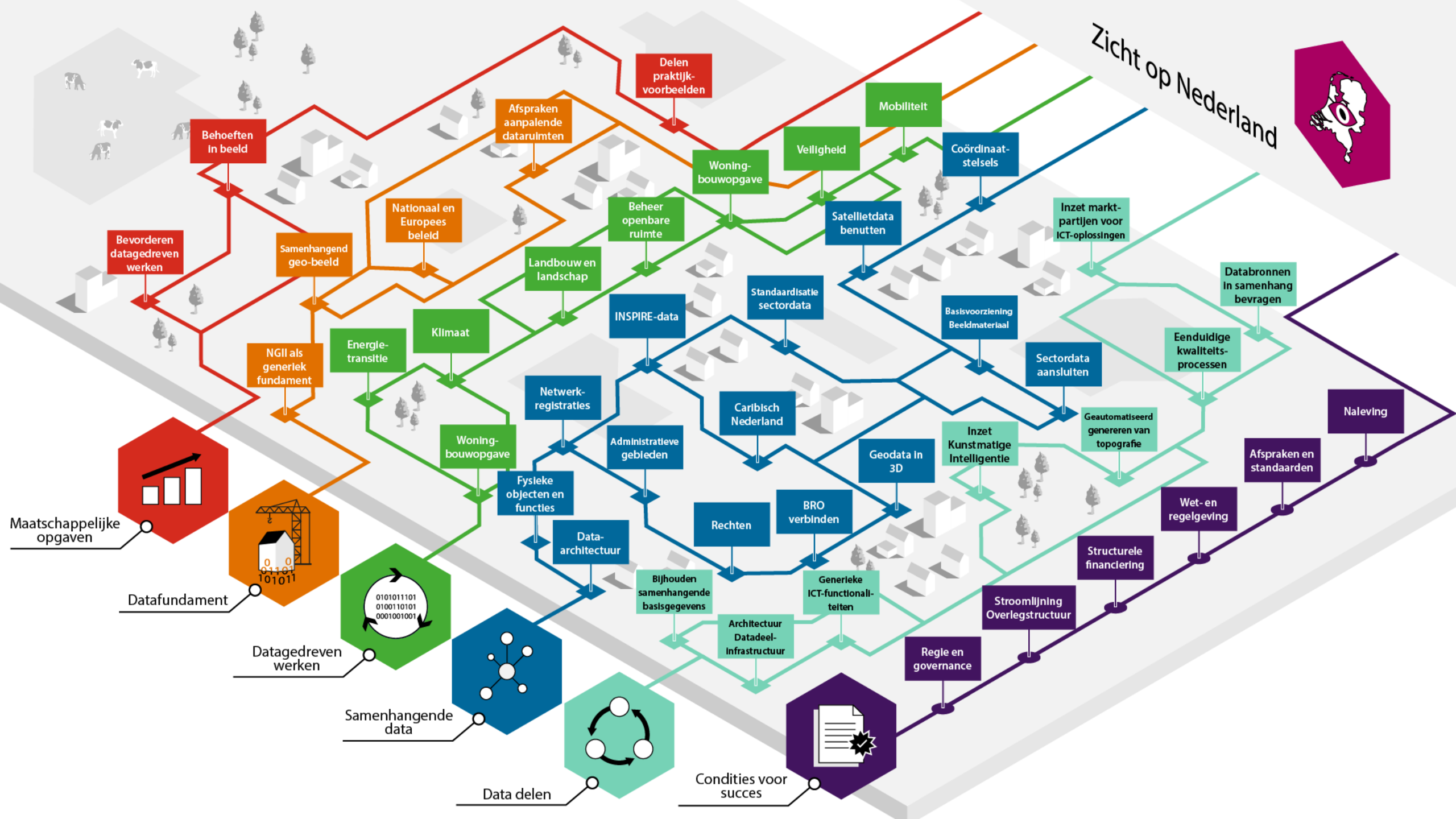
Data foundation

Related data

Sharing data

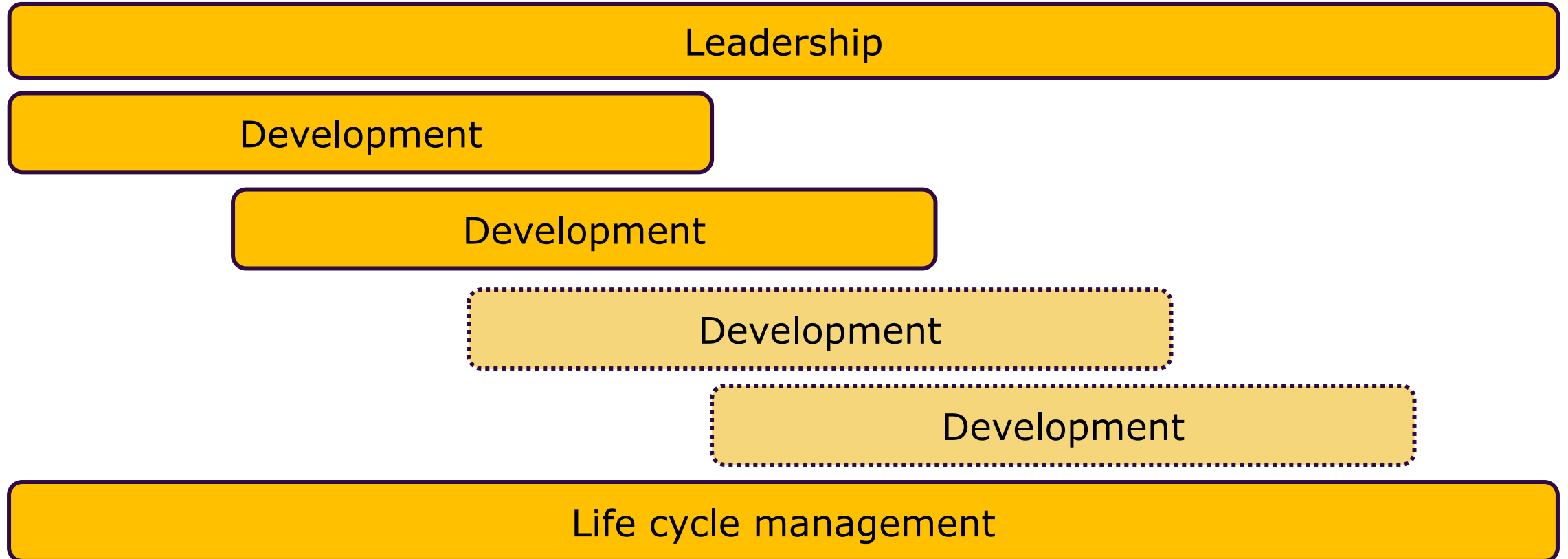
Conditions for success





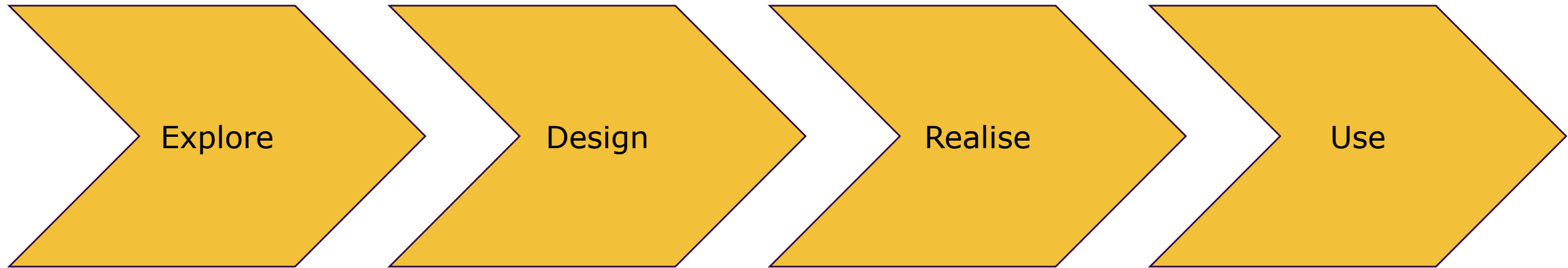


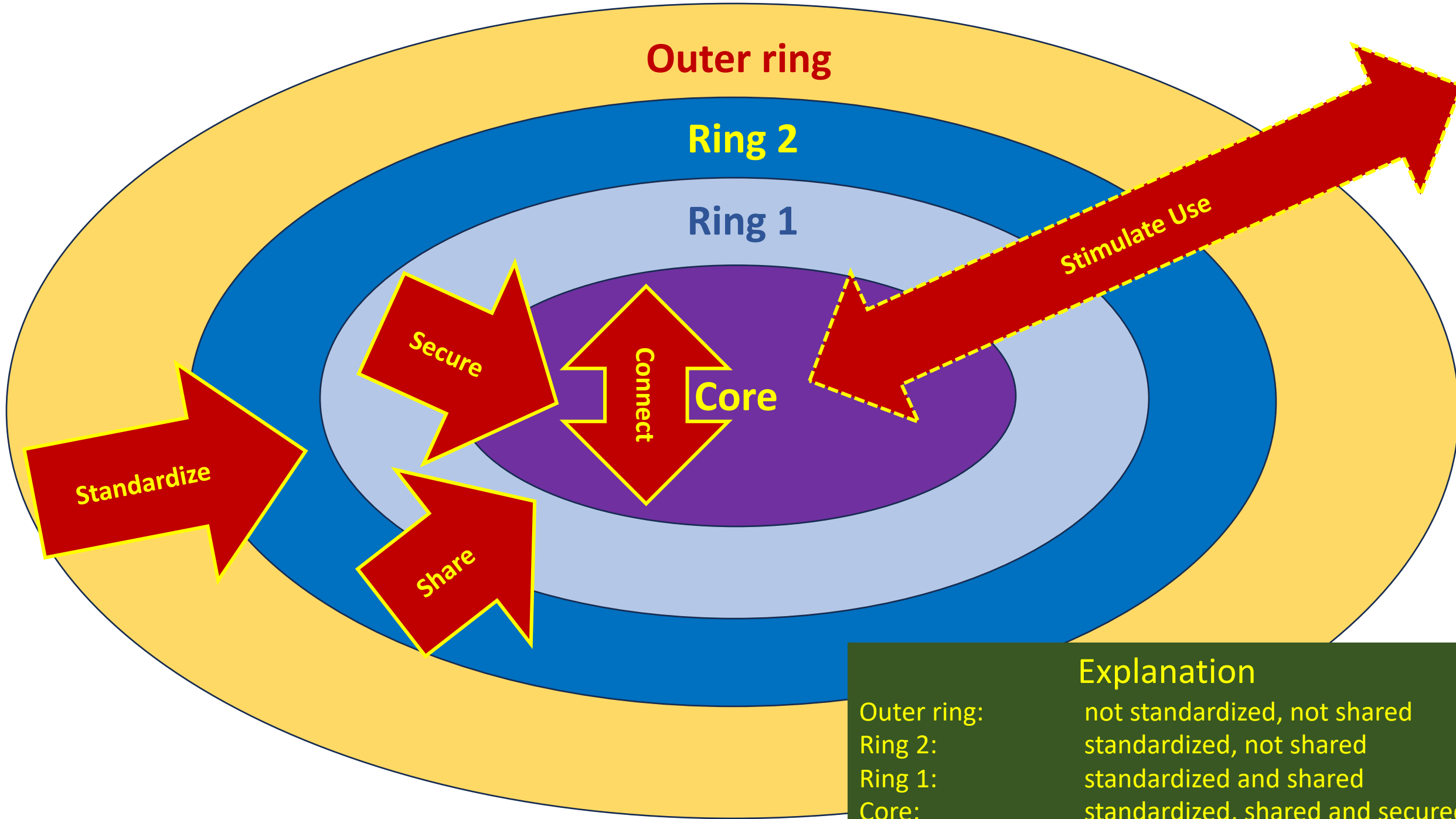
Development in Stages





Development Cycle

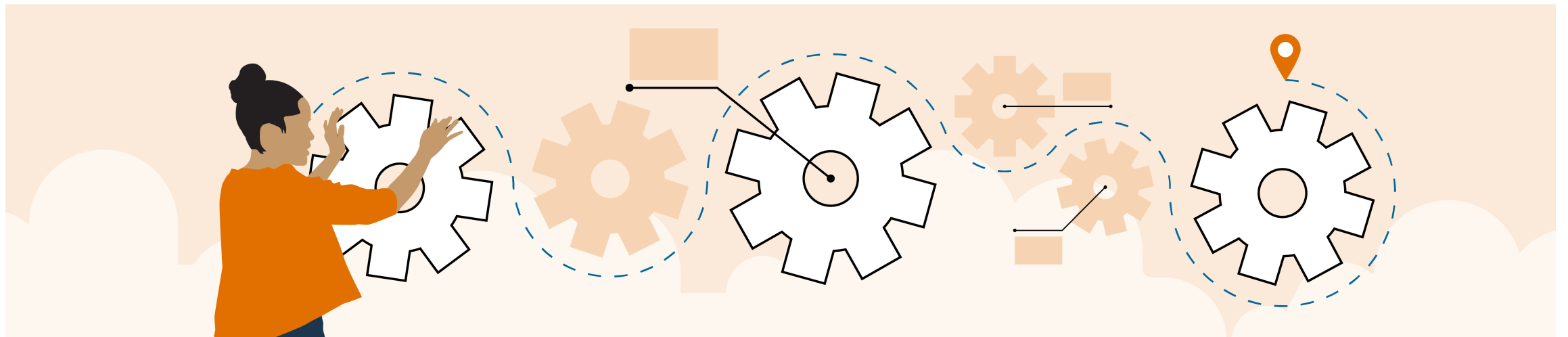


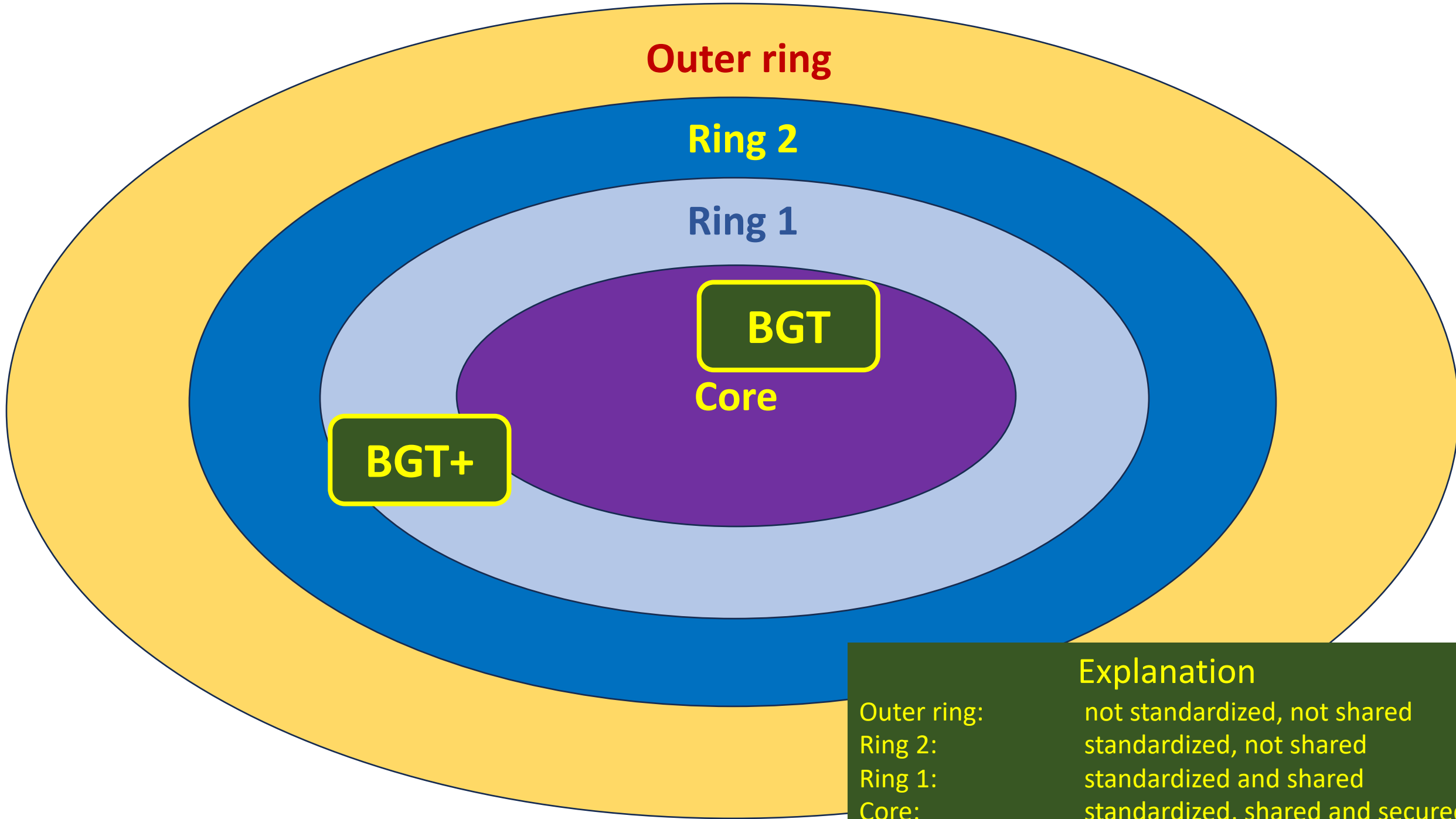


	Explanation
Outer ring:	not standardized, not shared
Ring 2:	standardized, not shared
Ring 1:	standardized and shared
Core:	standardized, shared and secured



Where to start? An example





Outer ring

Ring 2

Ring 1

BGT

Core

BGT+

Explanation

Outer ring:

not standardized, not shared

Ring 2:

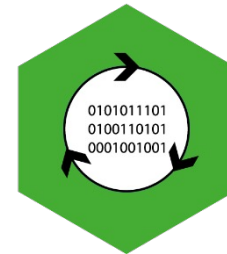
standardized, not shared

Ring 1:

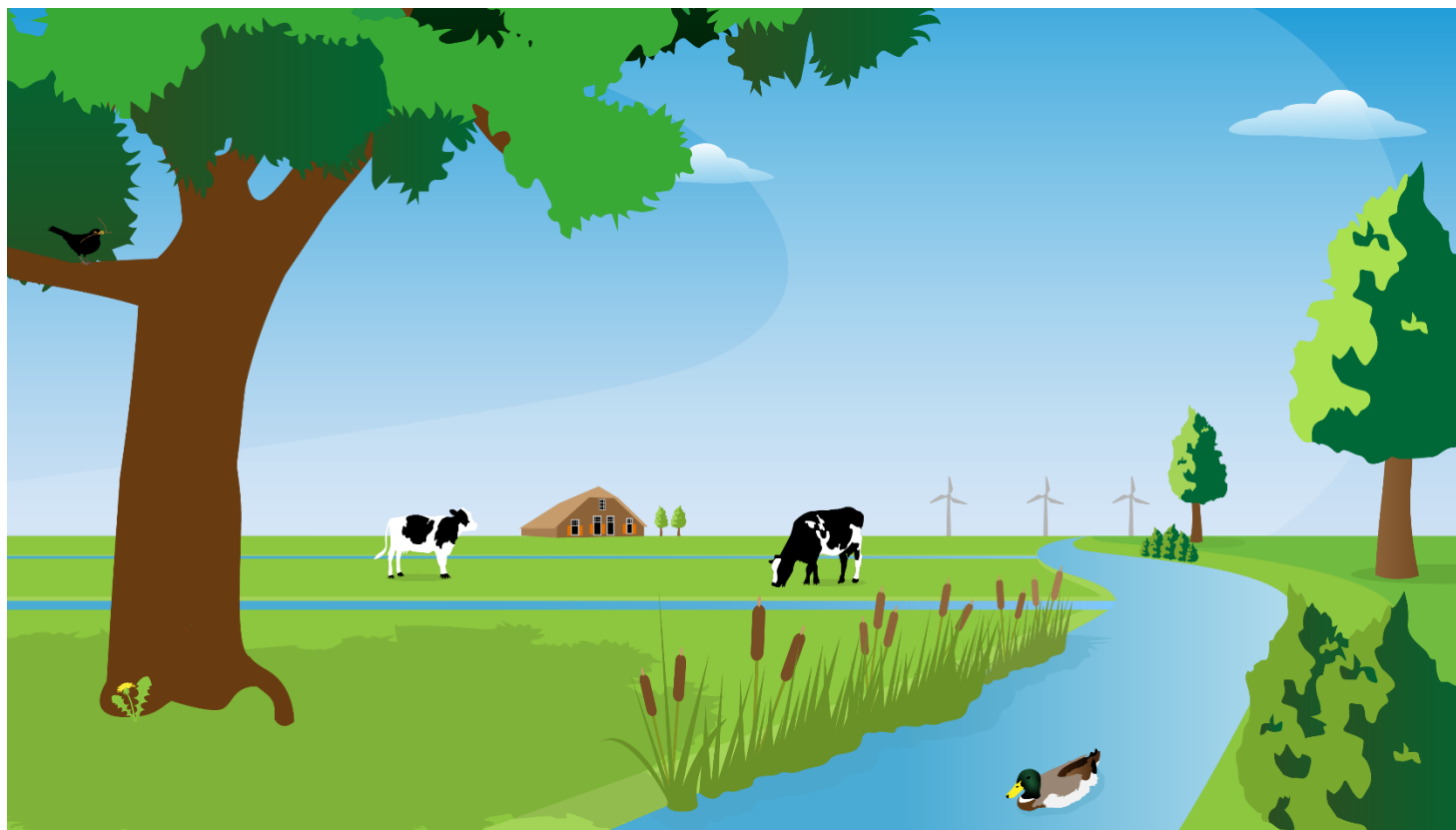
standardized and shared

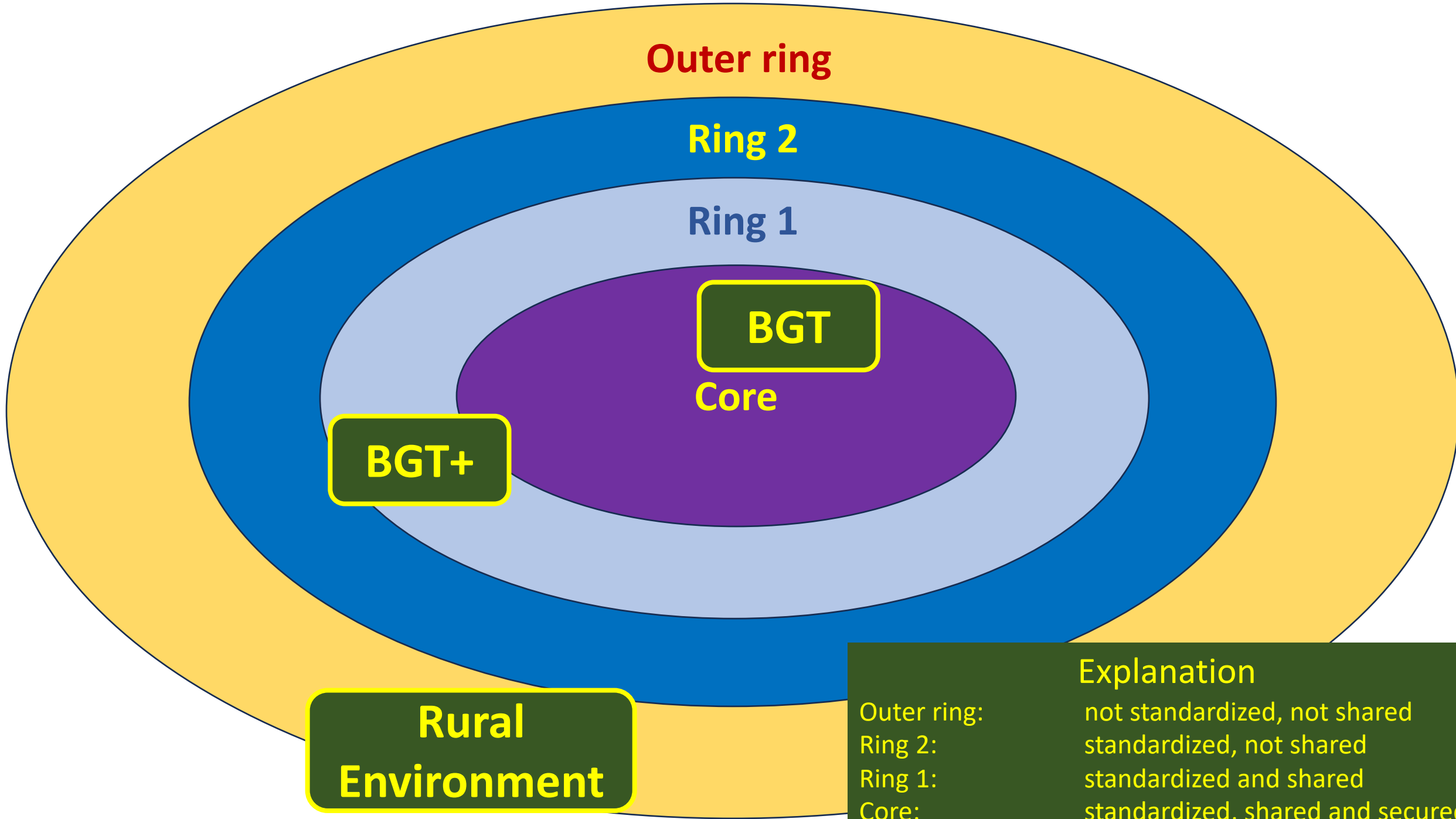
Core:

standardized, shared and secured



Demand driven approach: rural environment





Outer ring

Ring 2

Ring 1

BGT

Core

BGT+

Rural Environment

Explanation

Outer ring:

not standardized, not shared

Ring 2:

standardized, not shared

Ring 1:

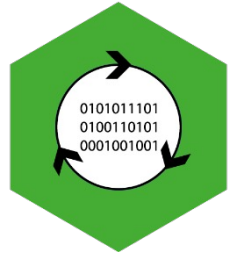
standardized and shared

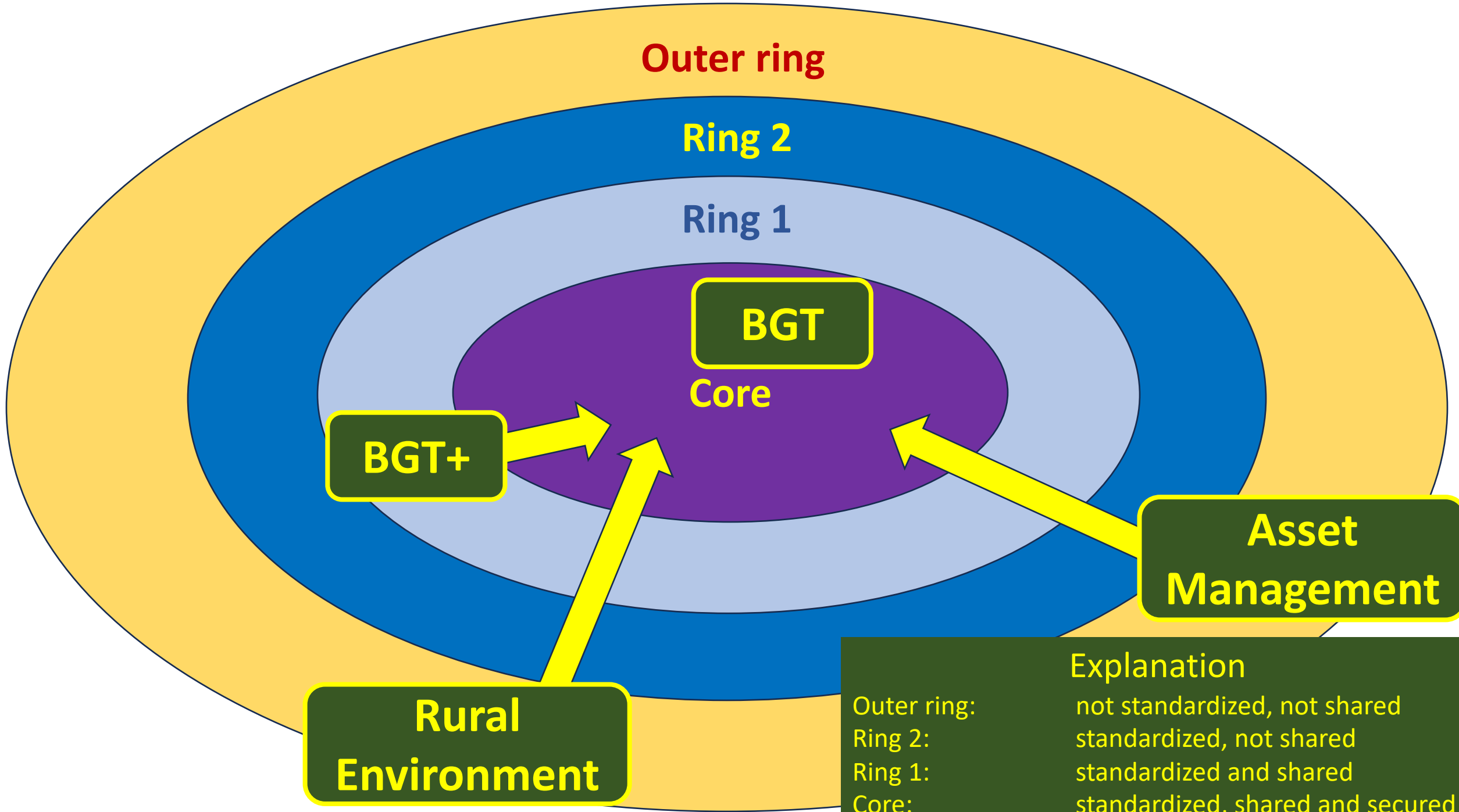
Core:

standardized, shared and secured



Infrastructure / Asset management





Outer ring

Ring 2

Ring 1

BGT

Core

BGT+

Rural Environment

Asset Management

Explanation

Outer ring: not standardized, not shared
Ring 2: standardized, not shared
Ring 1: standardized and shared
Core: standardized, shared and secured



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See you around!

Thanks for your questions and input.

Ruud van Rossem

