

<workflow

/analytica>

Salomé Wagner

Constructions for the New Gold

Do you build it based on data
or do you let data build it?



Salomé Wagner
April 27, 2023

SPARX
SERVICES CENTRAL
EUROPE



„Data

opens the

Multidimensional Space

for progress and innovation.“

Salomé Wagner

Lieber.Group Enterprise Architect

Constructions for the New Gold

1. Why we failed so far. The DIKW Model
2. How to build your Gold: the conditional 5 A's
3. Implement Gold Mining: the 5 Steps of Maturity



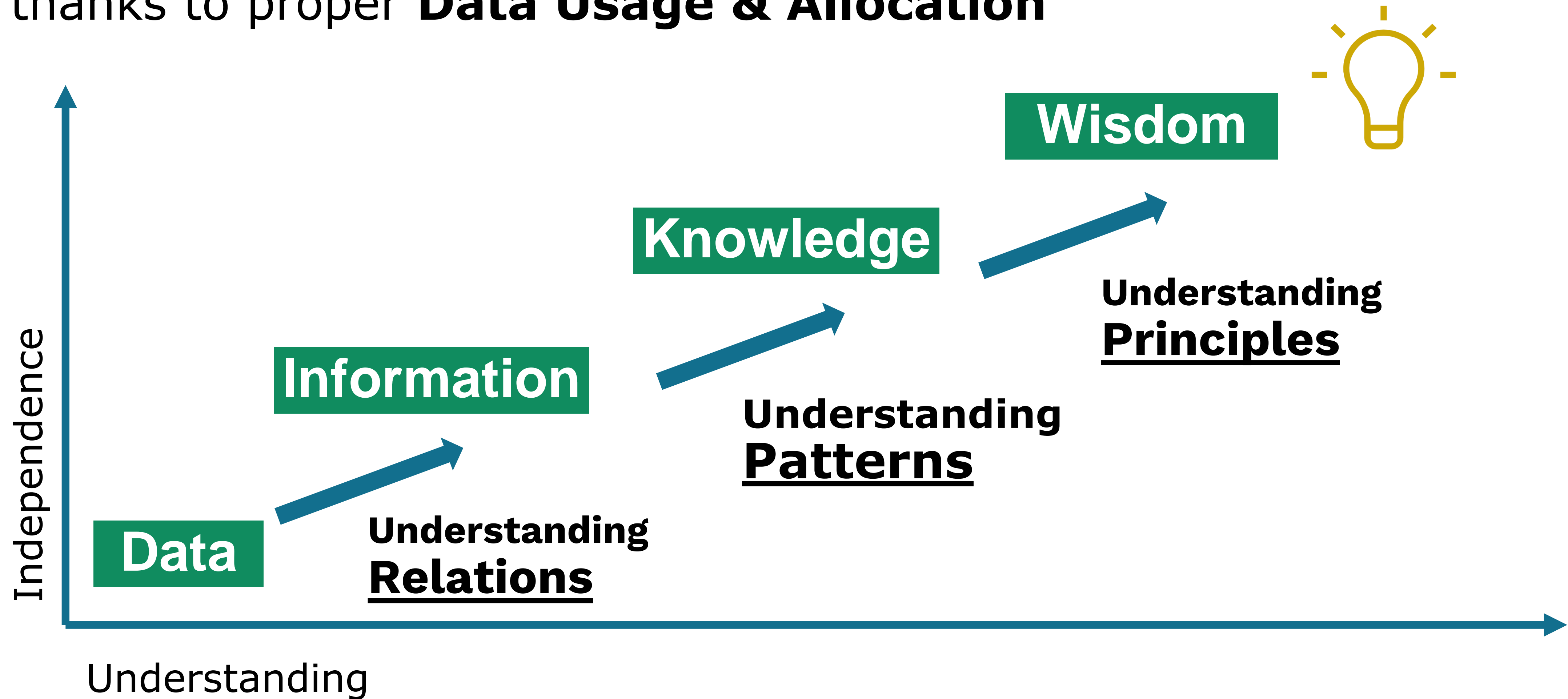
The DIKW Model

1. A model from the 80ies... based on a concept from the 50ies
2. Relevant more than ever to succeed with Innovation.
3. Data ascending towards Gold.
4. Describing the **functional and structural** relationship between:

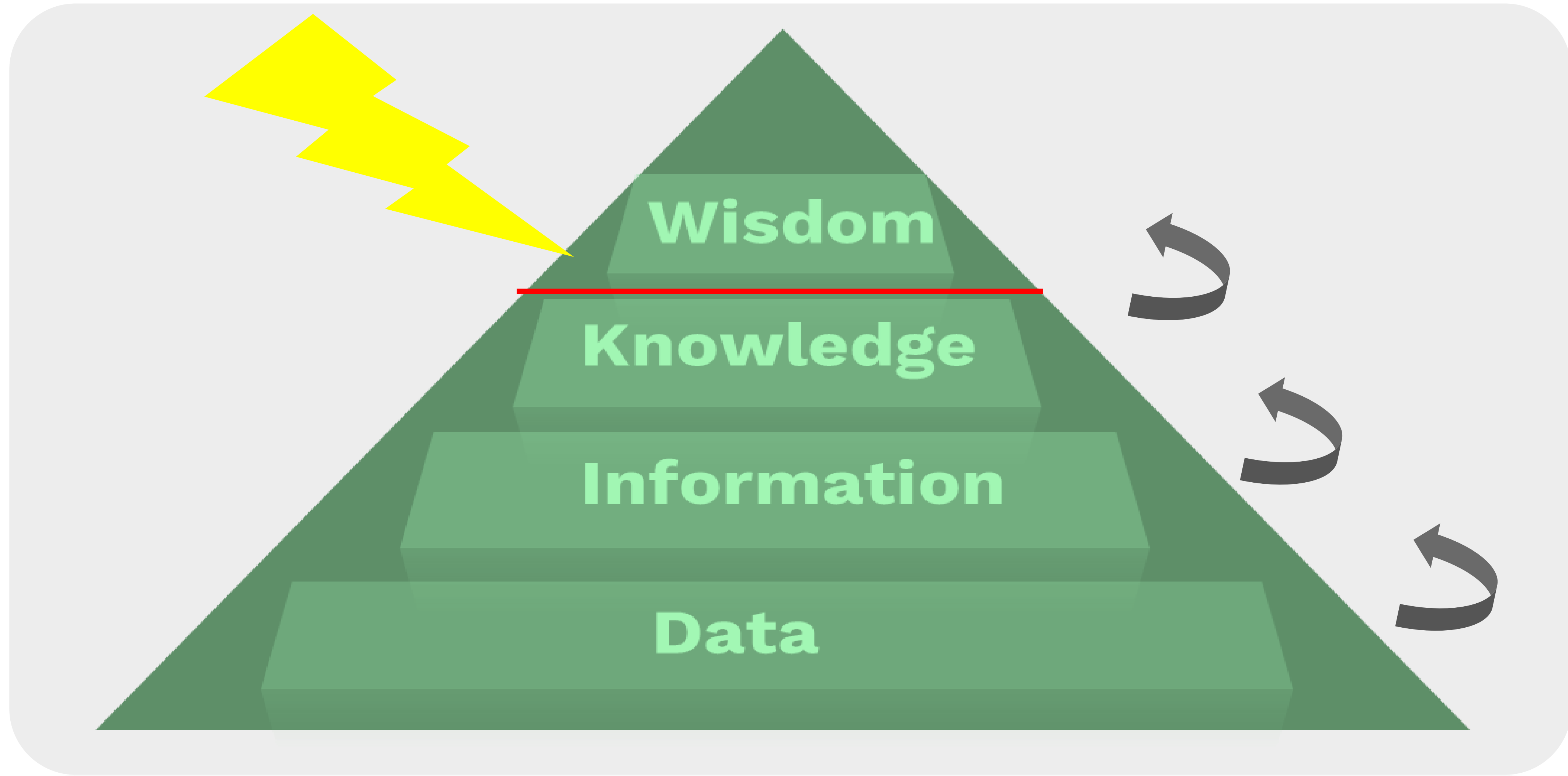
- Data
- Information
- Knowledge
- Wisdom

The DIKW Model

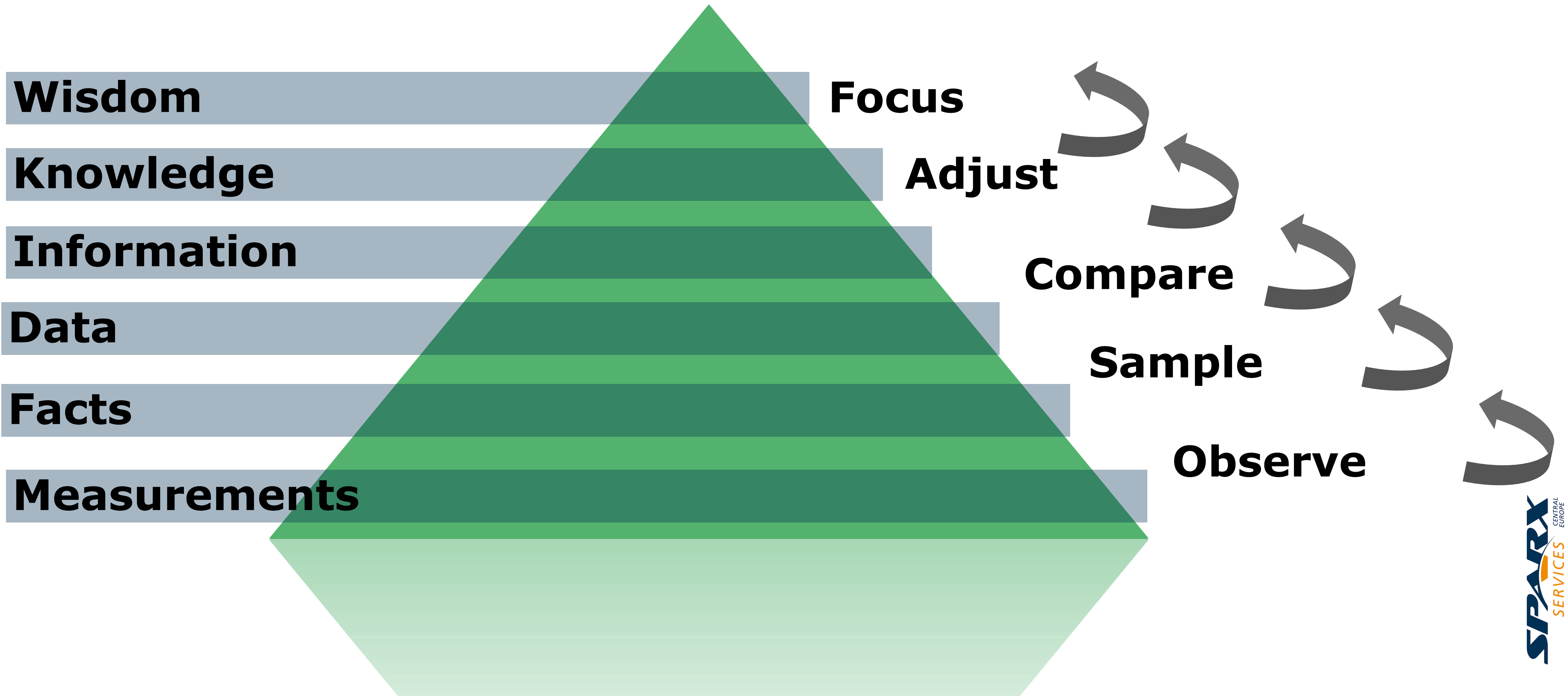
The Flow to Enlightenment
thanks to proper **Data Usage & Allocation**



Why we failed so far: Got stuck with the DIKW Model



DIKW Knowledge Management Model



To find the Gold in Data

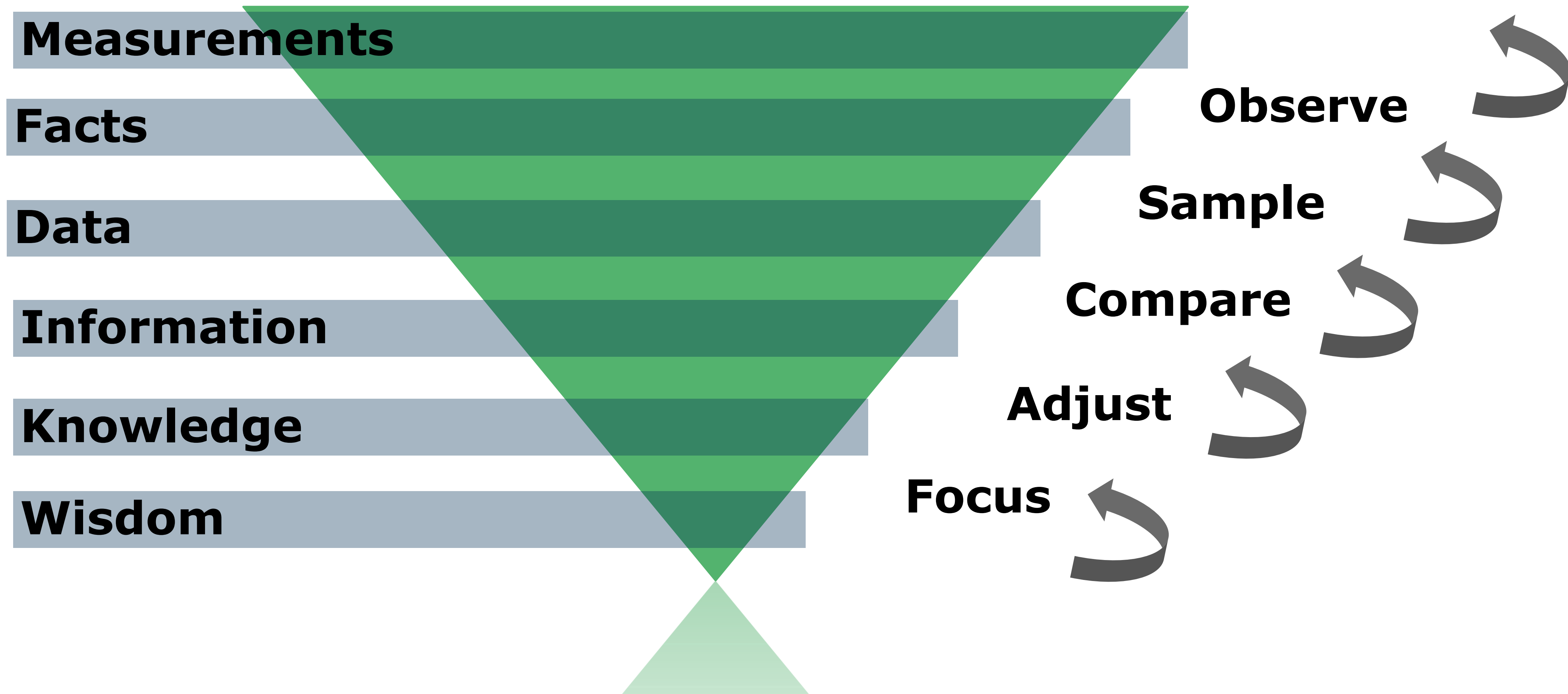
.... and to escape from the Slavery



UPSIDE DOWN

UPSIDE DOWN

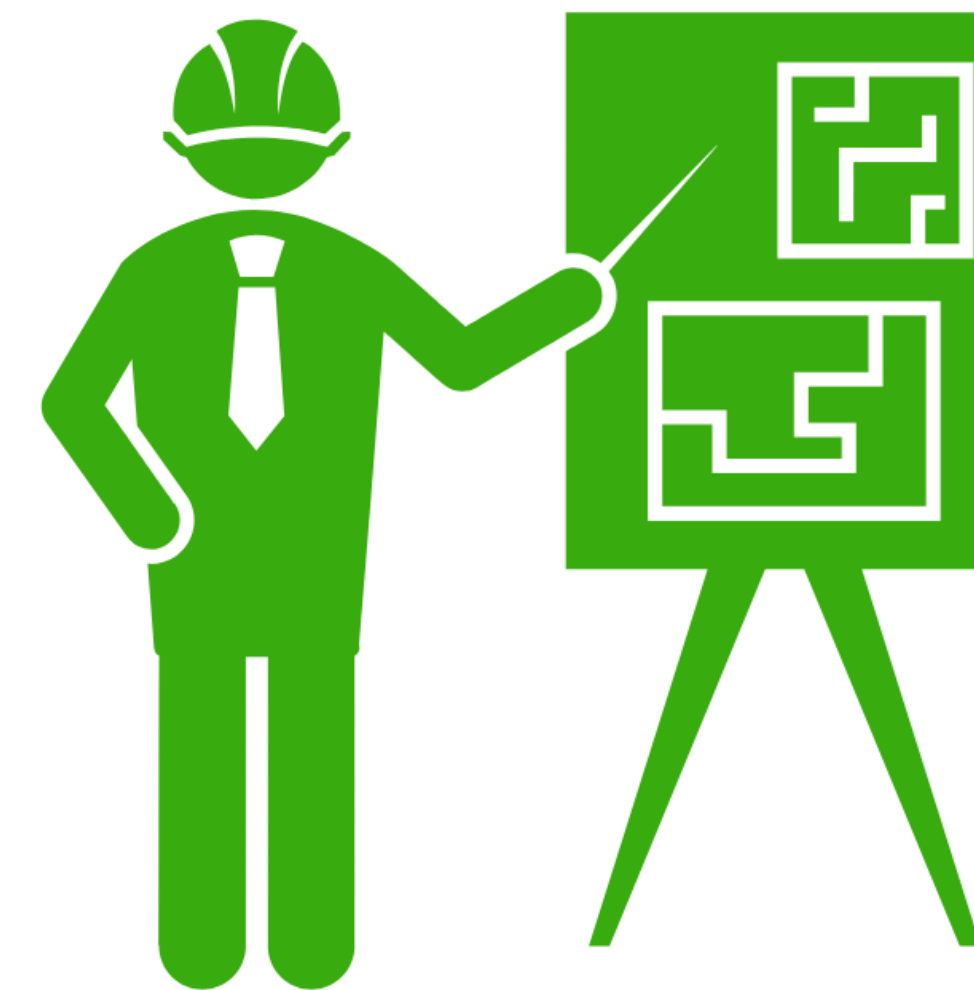
DIKW Knowledge Management Model



The beauty of a holistic view.. while digging for Gold.

From a **text-based slave** to a **model-driven master**

Enable yourself to a 360° view of your data gold with
modelling



How to mine your Gold... You need 5 A's



AWARENESS
ALSO FROM
MANAGEMENT



ATTENTION



ARCHITECTS

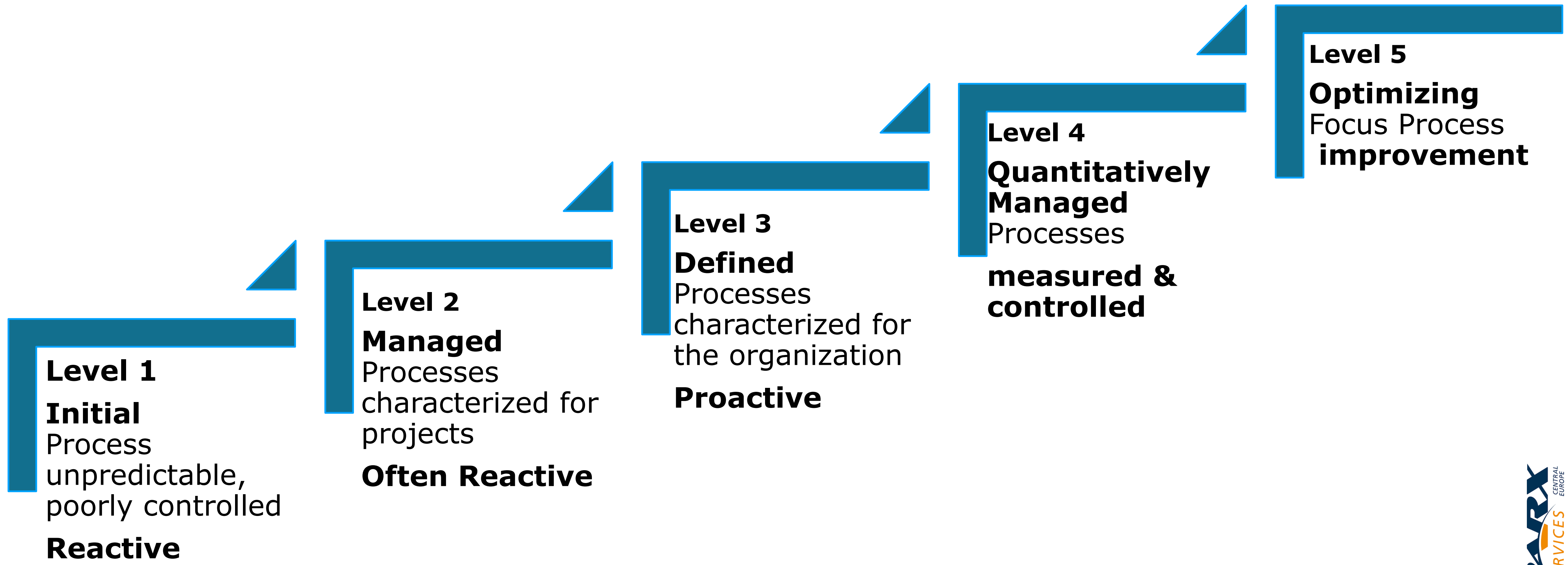


ARCHITECTURE

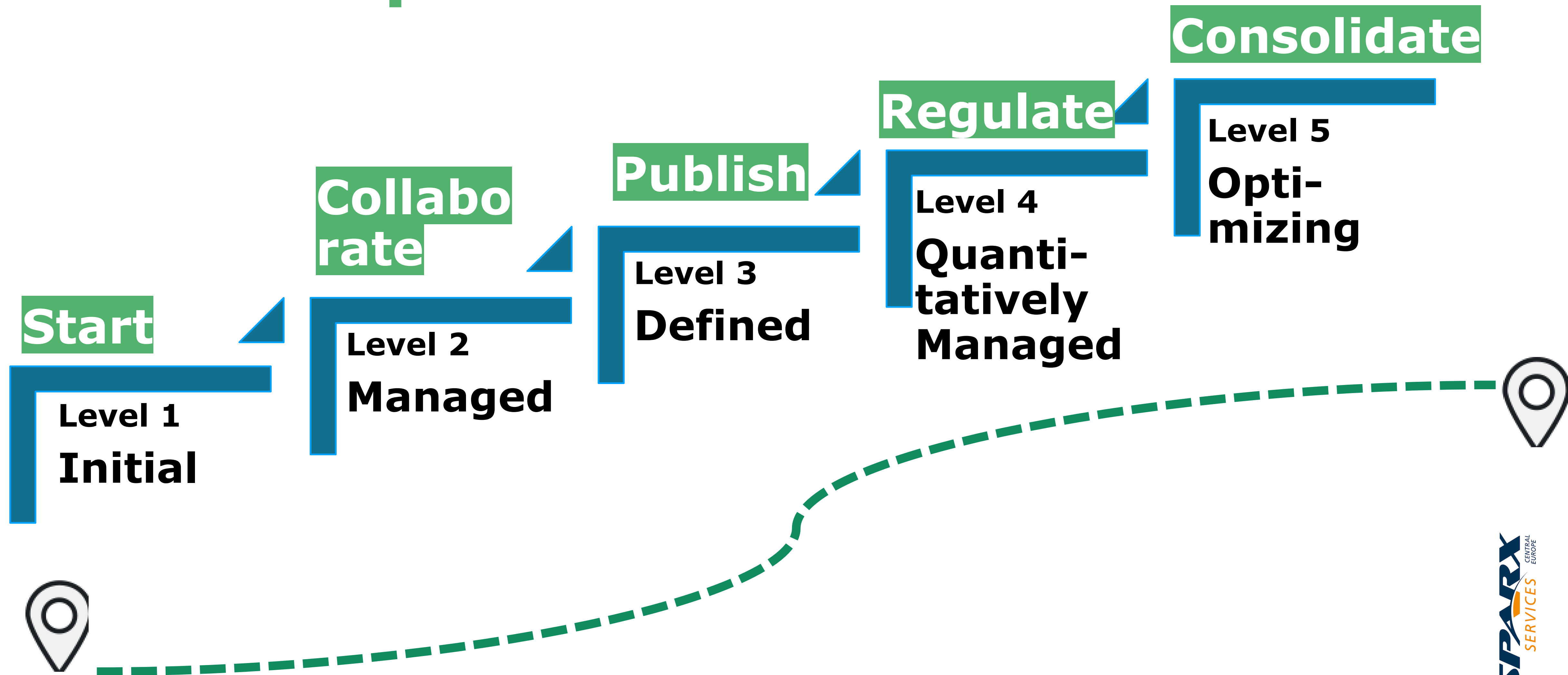


ARCHITEC-
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MANAGE-
MENT

Implement Gold Mining The levels for 5 A's

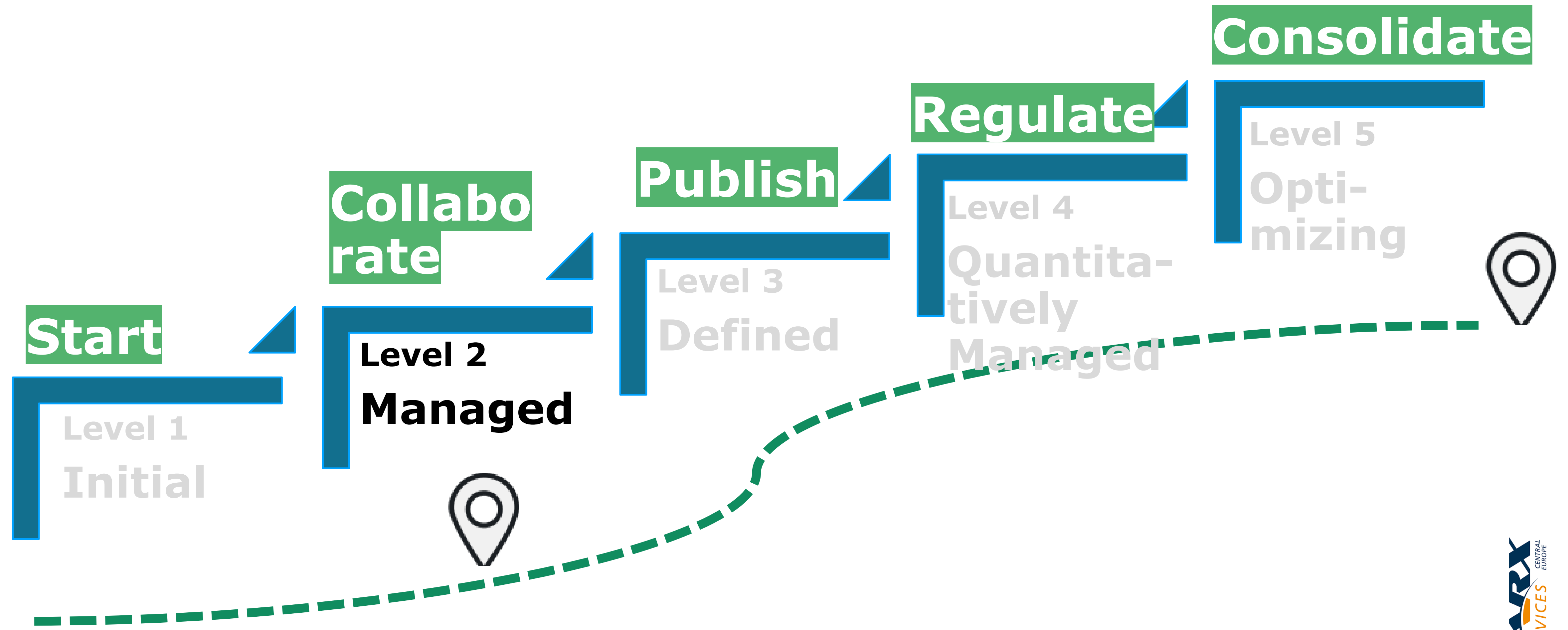


5 A maturity level – and how to implement



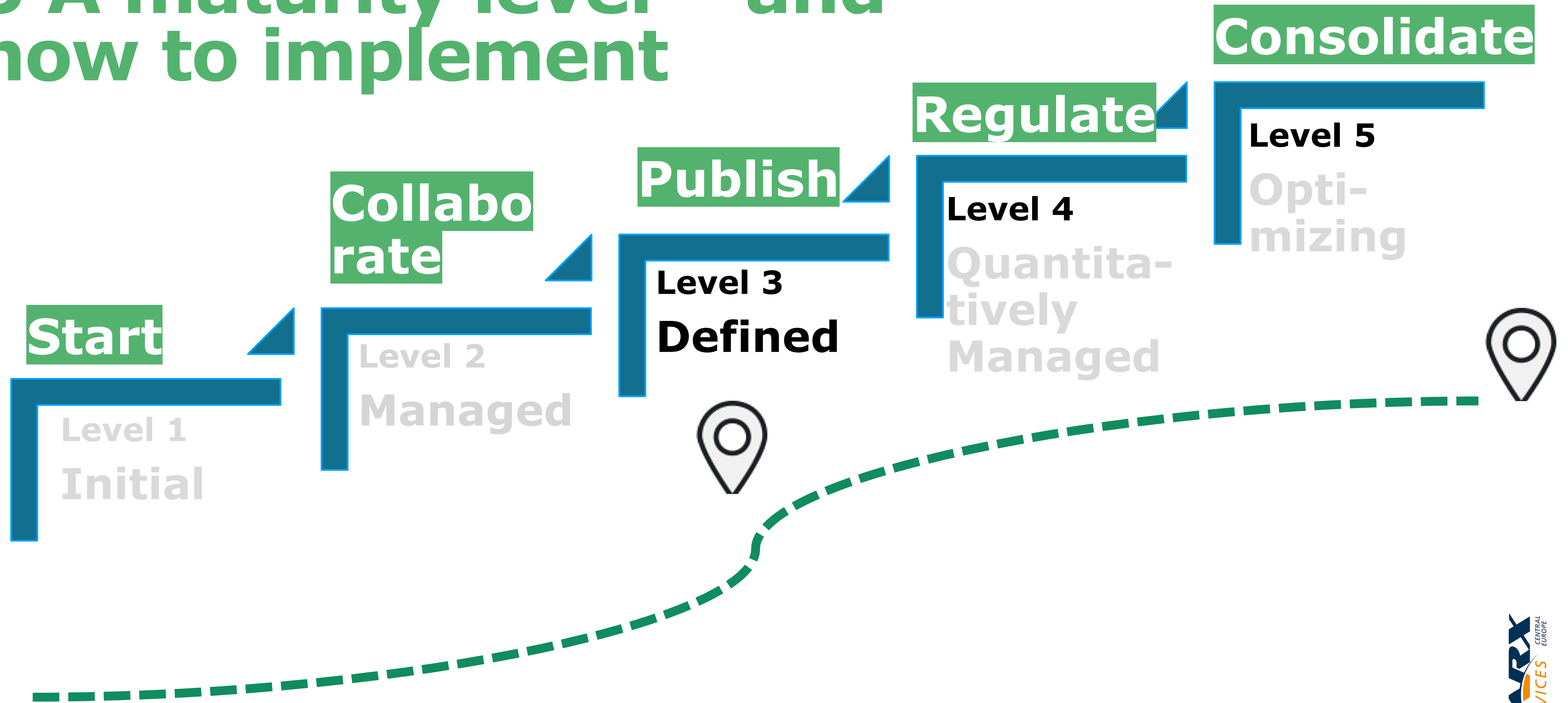
If your modelling work is helpful for your organization – maybe your colleagues are also interested in starting with modelling (with EA of course) and then...

5 A maturity level – and how to implement



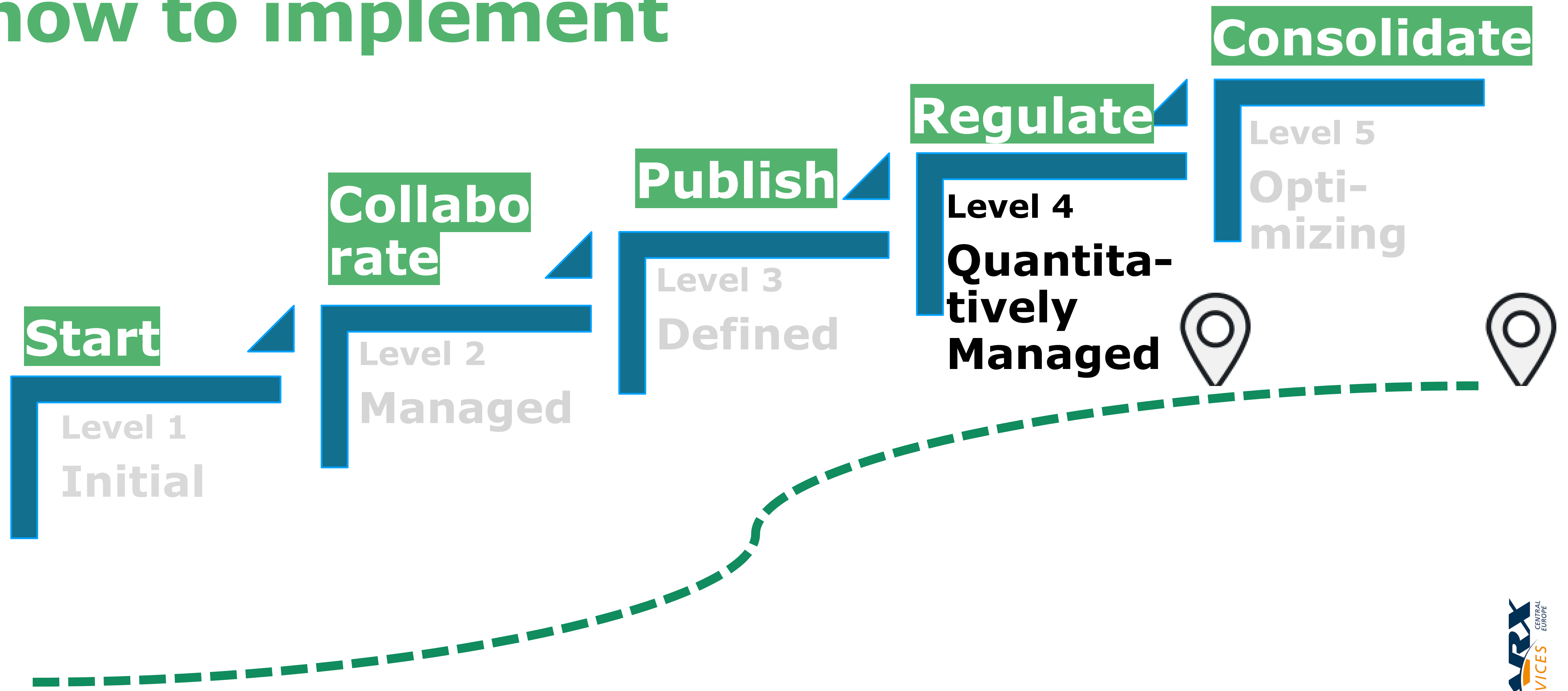
If your modelling team is growing and you want to share also with people not aware of modelling but needs access, results, analysis or provide input - then...

5 A maturity level – and how to implement



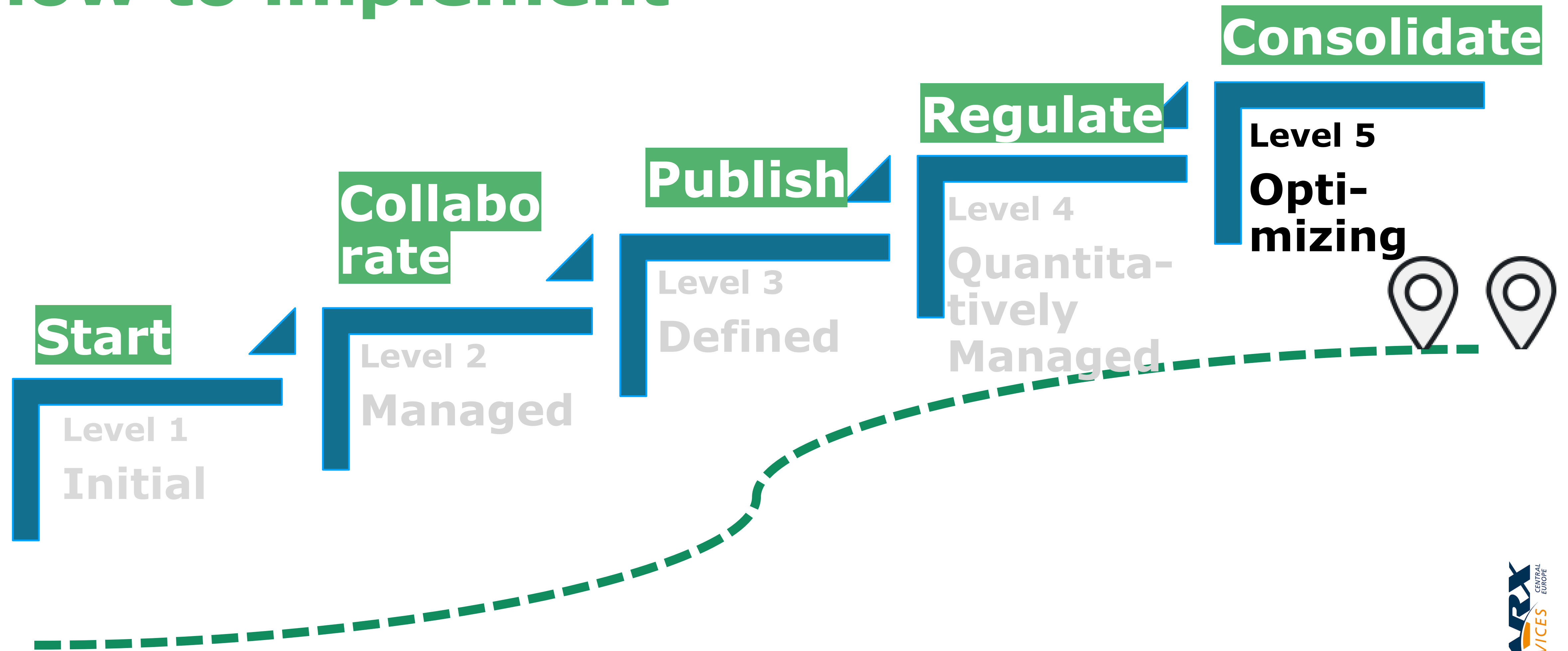
If your model work has regulator,
certification impact e.g. ISO26262
for automotive, DO178C for
aviation, ... - then...

5 A maturity level – and how to implement



If your data model
work is delivering
value... - then...

5 A maturity level – and how to implement

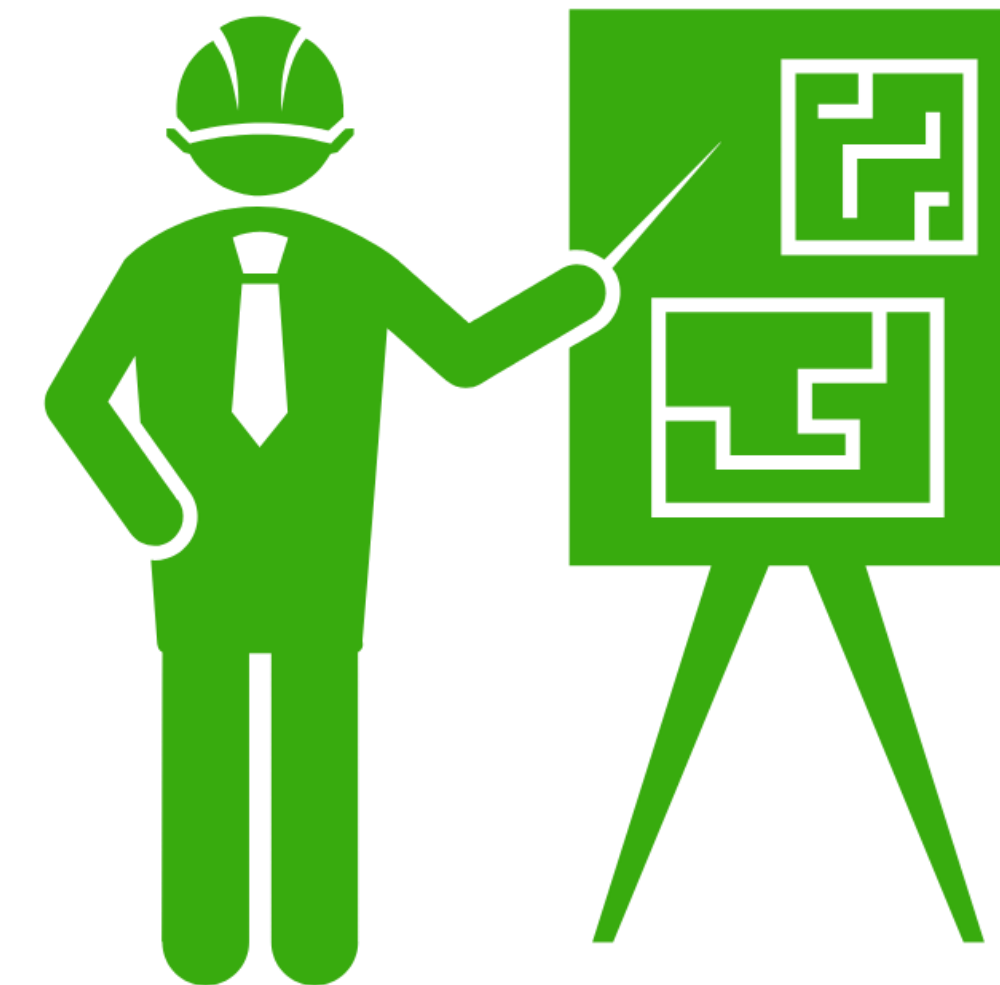


We want you!

How to become a master in data / enterprise architecture?

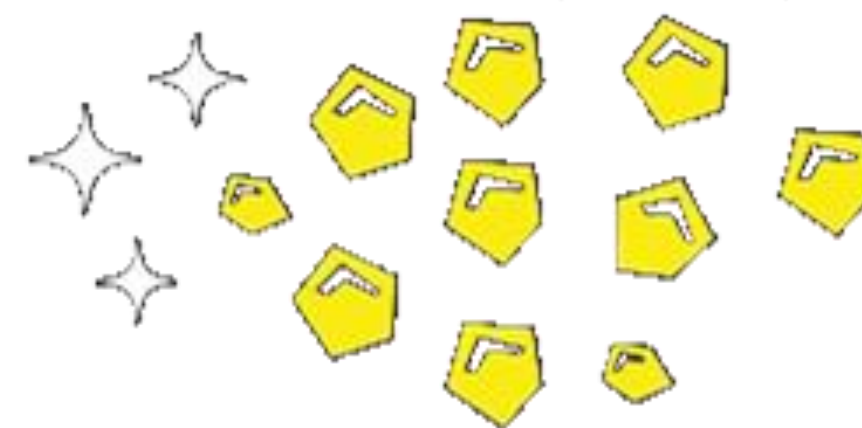


- Let's talk about:
- ✓ Process
 - ✓ Personal Experience
 - ✓ Joint Transformation

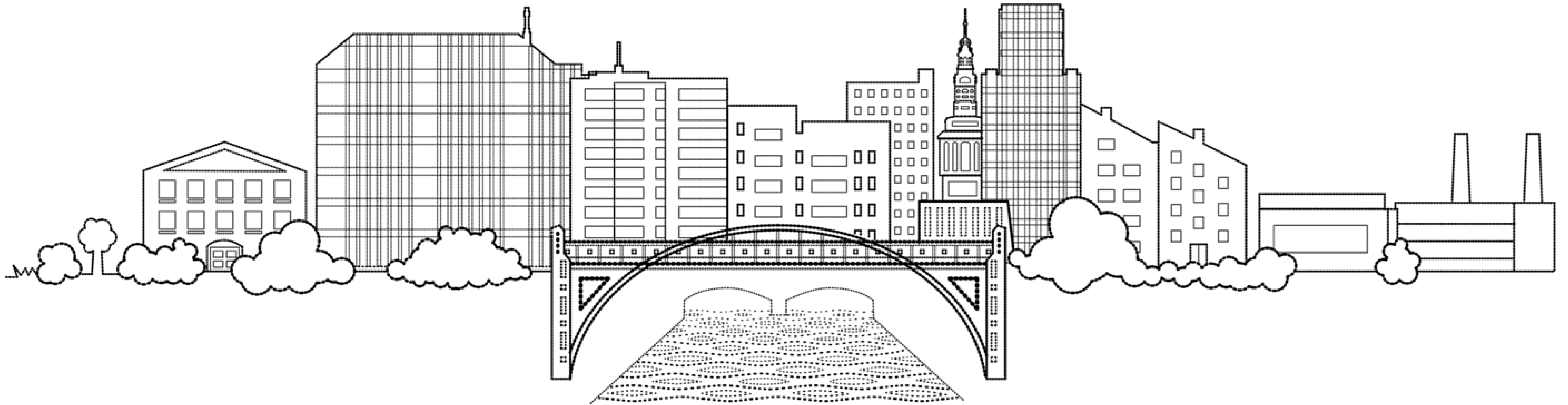


Digging for Gold

- ✓ Get the most out of your Gold – **by a 360° view approach**
- ✓ Take the **upside-down View**
- ✓ Start – Collaborate - Publish - Regulate - Consolidate
- ✓ Make use of the Gold – **Wisdom** – of your data by mastering it with **MODELLING**



Q & A



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