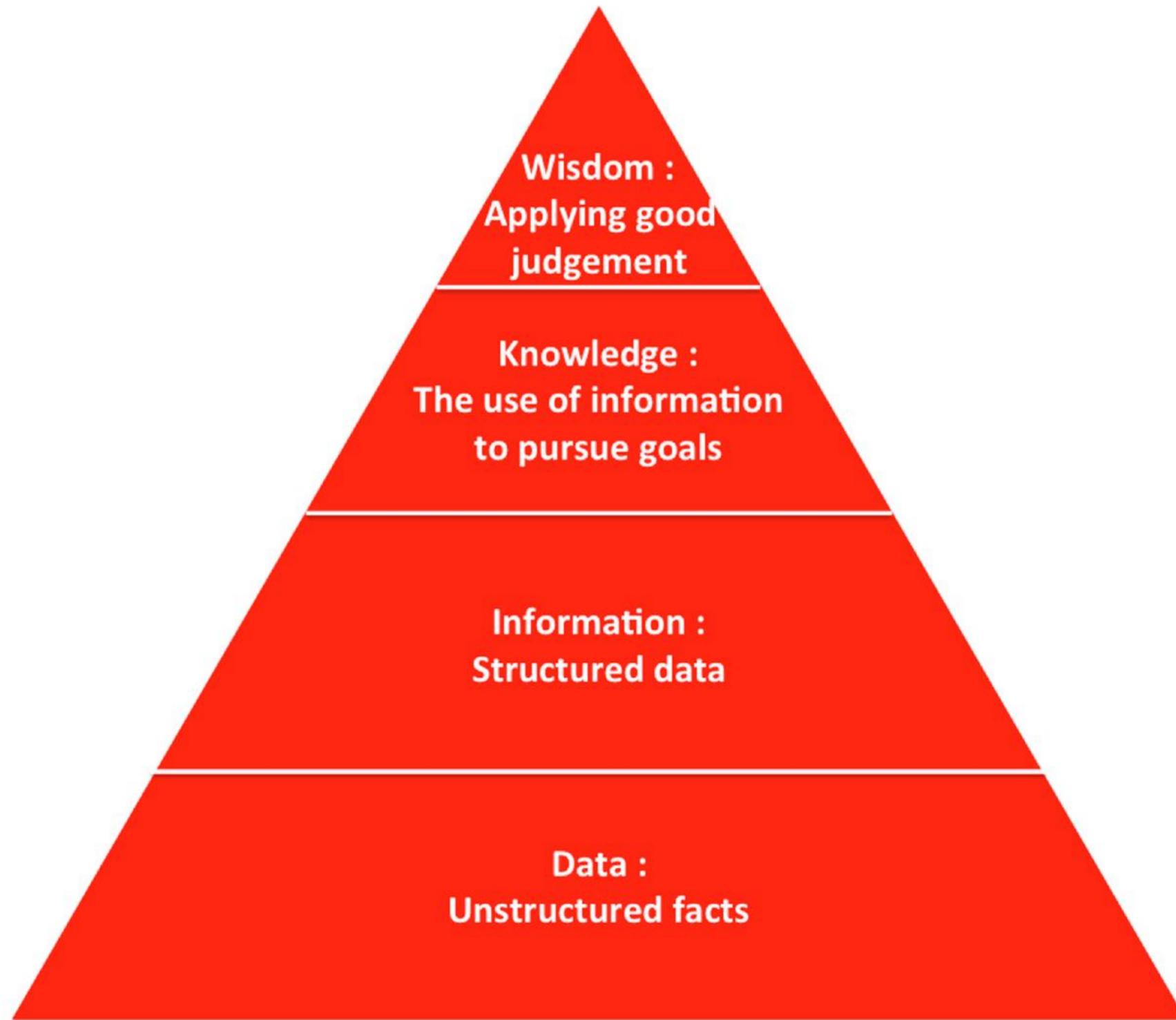




Data to Knowledge Management Approach

Fisheries & Aquaculture Database

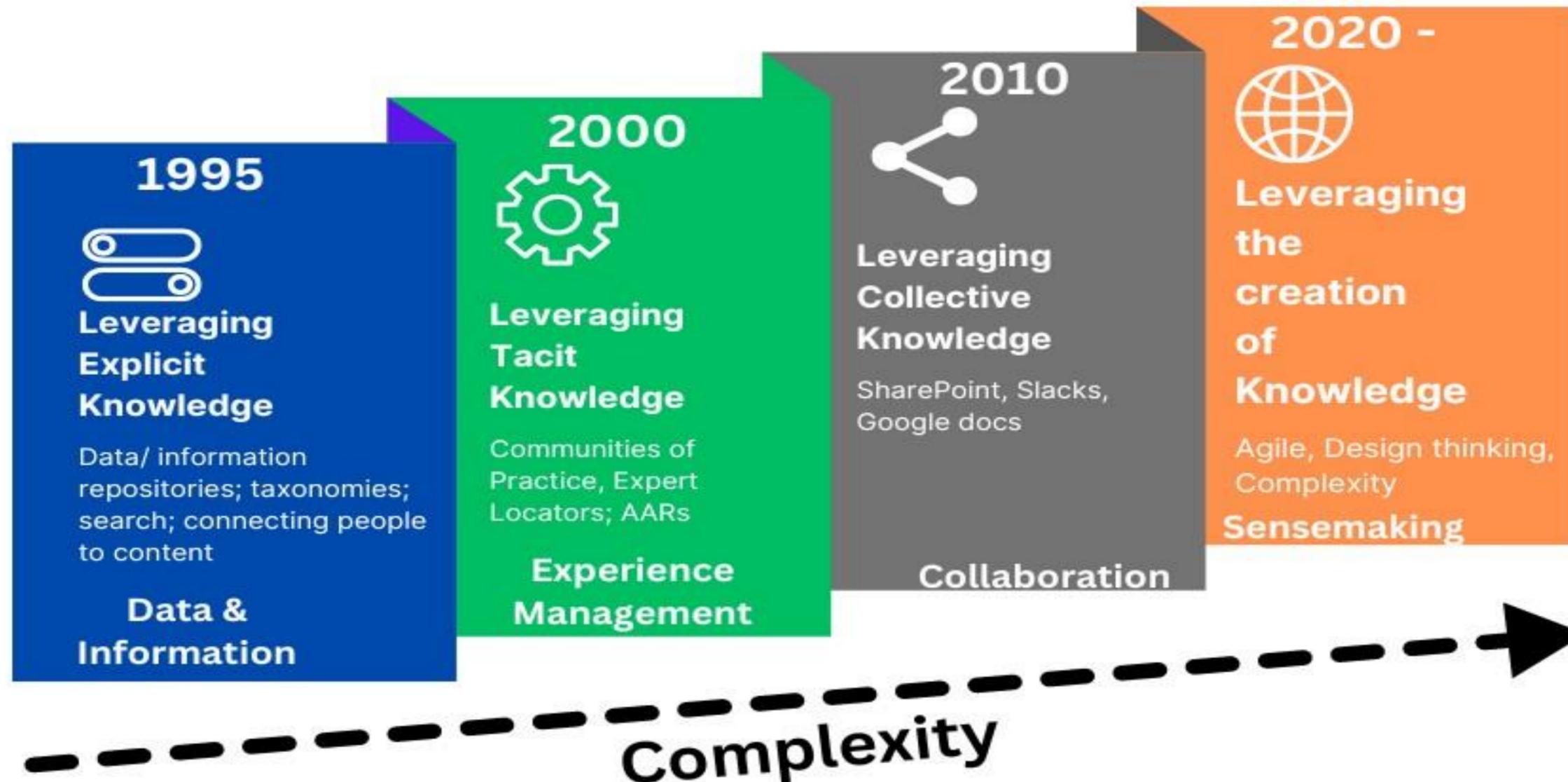




Data - Know Nothing
Information - Know What
Knowledge- Know How
Wisdom - Know Why

Zeleny (2005)

Four Eras of Knowledge Management



Animal Resources Information System - ARIS

- ies manager
- operator
- ator
- manager
- mitter
- er
- sher
- rence data managers
- slator
- h Manager
- ort Manager
- ss level
- ent group
- igeria
- witch

Online entry

Country *

Date / Time *



Number of positive cases

Number of cured cases

Number of Deaths

Comment

Please click on the map to add marker, circle, or polygon



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STATISTICS

DOMAIN

COMMUNITY

PRACTICE

COMMUNITY OF PRACTICE

Members promote best practice, in a shared domain of interest, through engaging in joint activities, sharing knowledge, expertise, etc.

Fisheries, Aquaculture & Blue Economy

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Stakeholders

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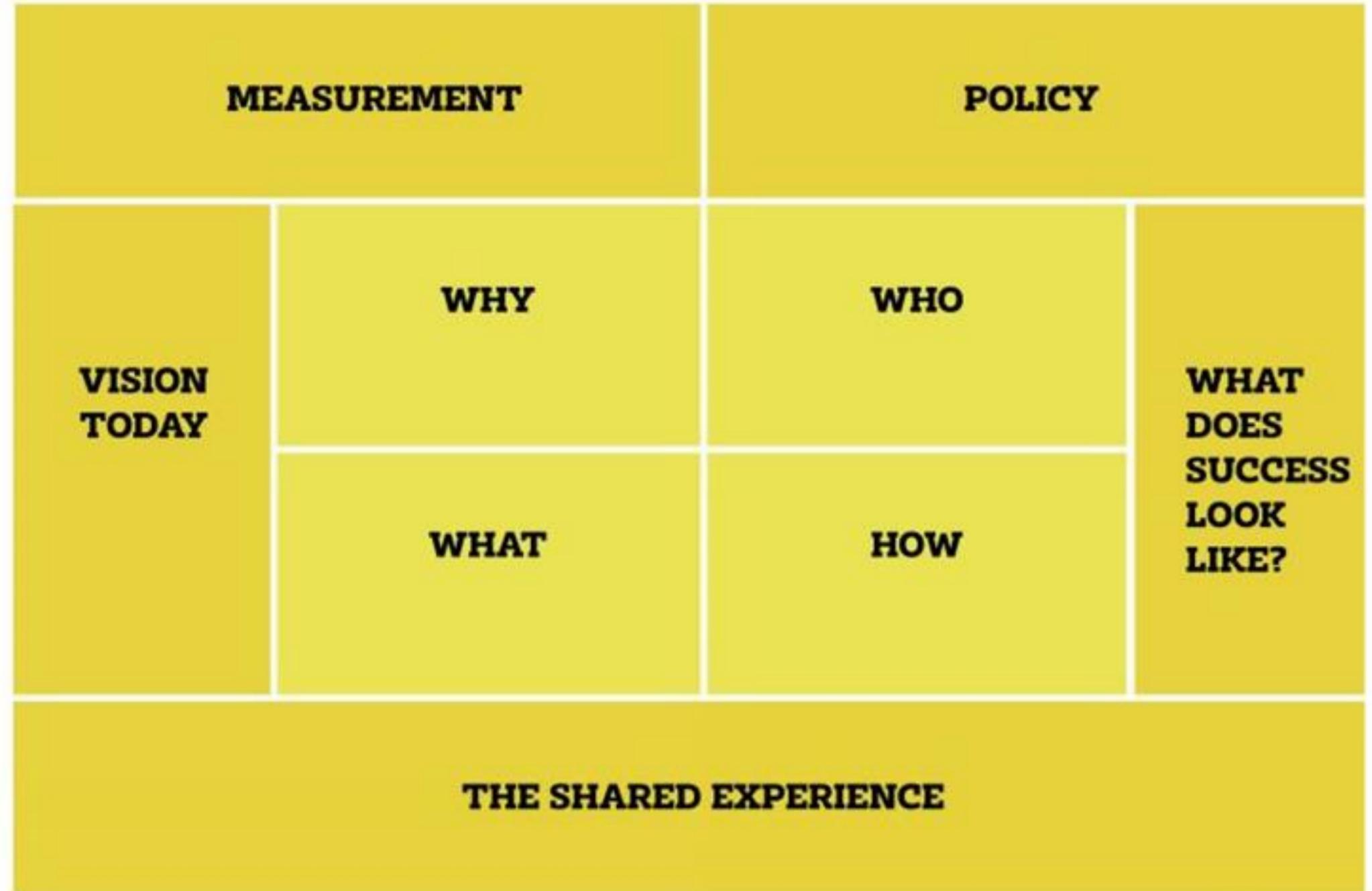
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THE COMMUNITY DESIGN CANVAS.

STRATEGY

Building a community is a science. There is a critical foundation that needs to be designed to ensure sustainability.

This is just the first of the steps in a process that requires focus and rigor. But then anything worthwhile deserves effort and return on community (ROC) is measurable.



Data Community...

WHAT COULD PARTICIPATION LOOK LIKE?



Strengthening Data Connections

linkages to other experts -
multistakeholders, tools,
databases



Learning and Skills Development

e.g. Learning on current
topics

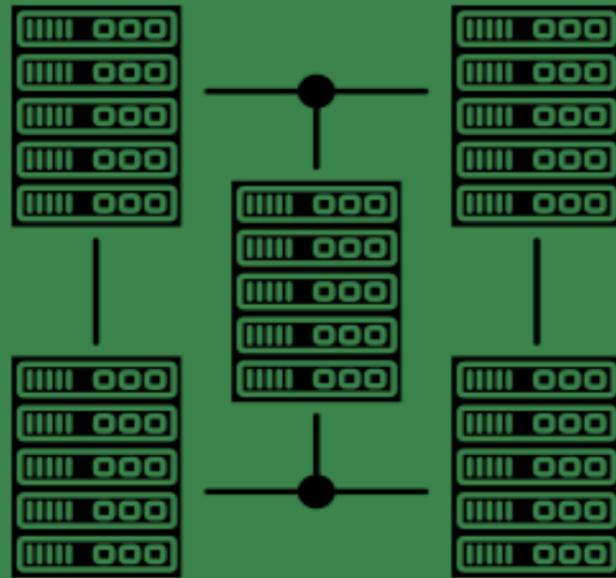


Current Awareness and Thematic Data Areas

e.g. Sensitive Data; privacy
issues; Big Data;
Unstructured Data

Conclusion

REFLECTION...



"Data is the new science, Big Data Holds the Answers. Are you asking the Right Questions?"

Patricia Gersner



"Torture the Data and it will confess to Anything"

*Ronald Coase - Economist,
Noble Prize Laureate*



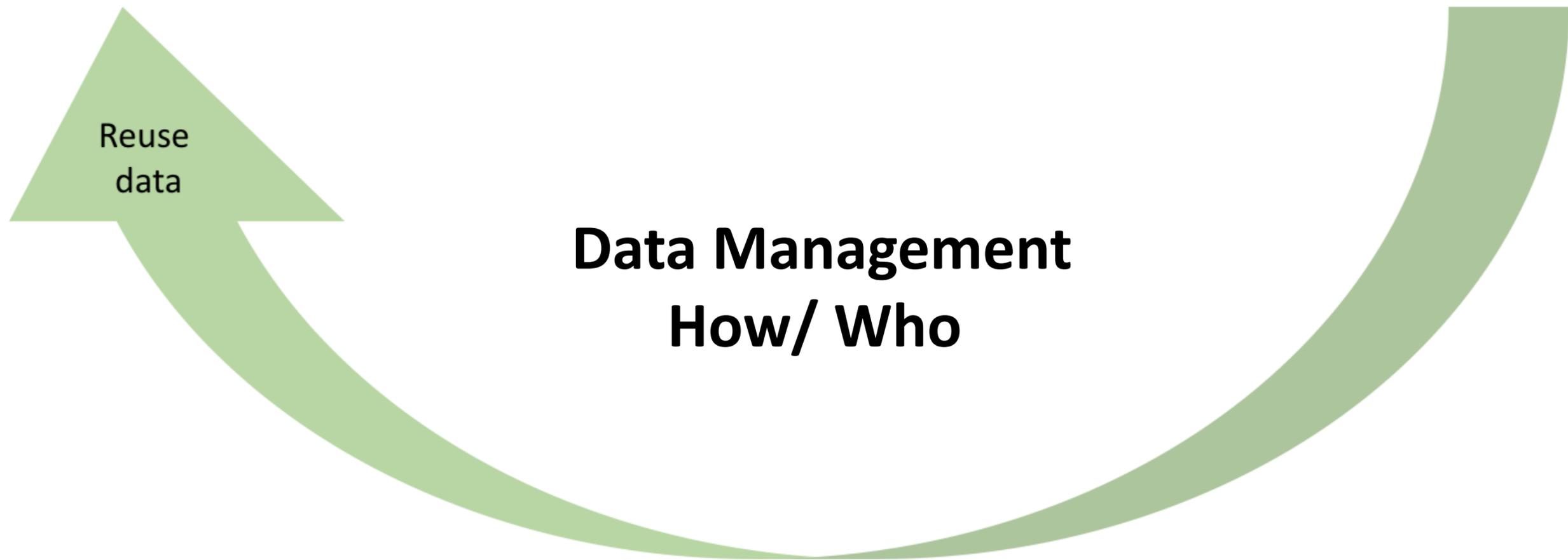
"The World is One Big Data Problem"

Andrew McAfee - Co-Director MIT Initiative on the Digital Economy

Leveraging the Creation of Knowledge for Evidence Based Reporting

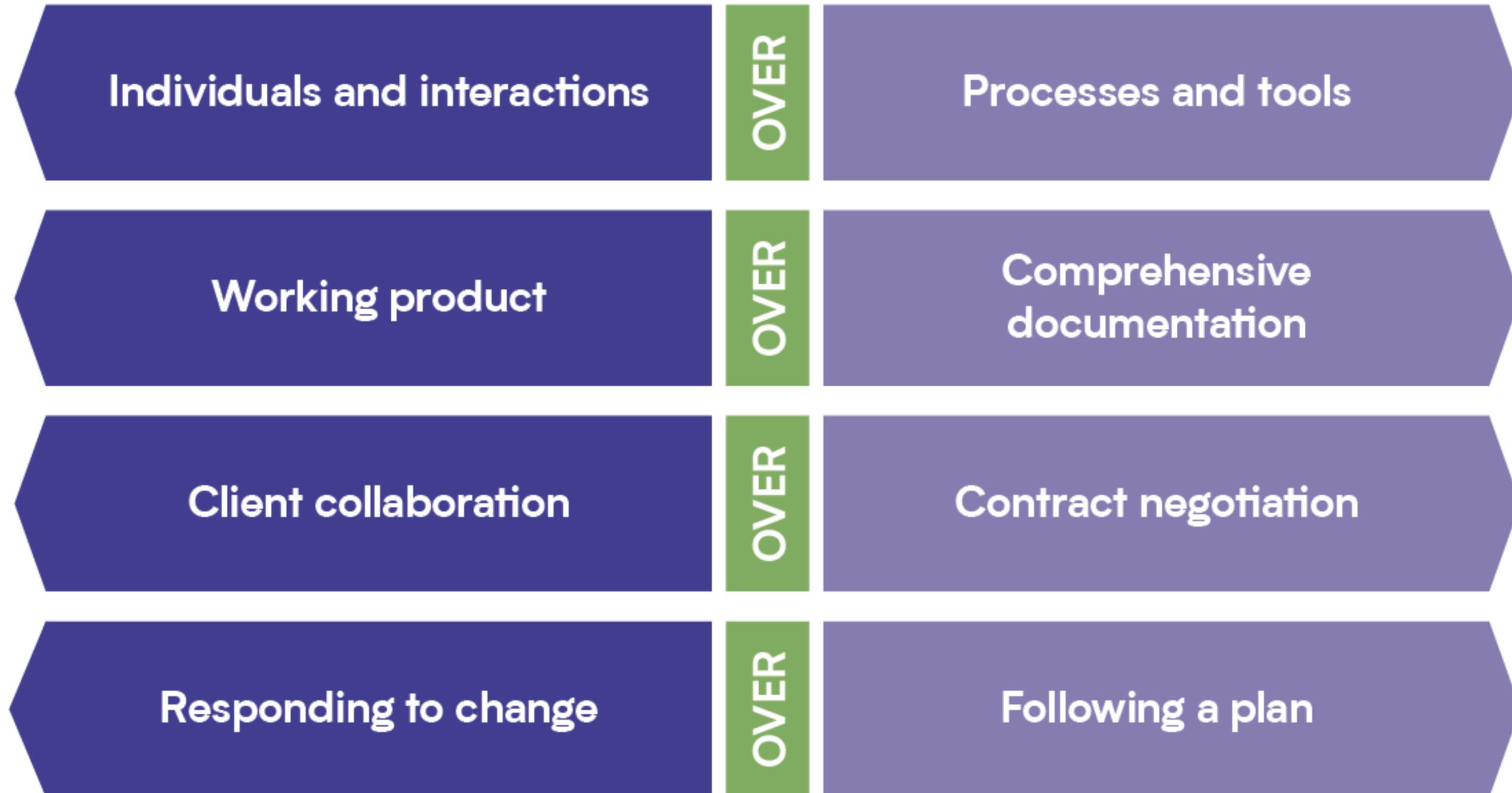


- **Implementation evidence**
(determining effectiveness of implementation and delivery)
- **Impact evidence**
(reviewing effectiveness)
- **Descriptive analytical evidence**
(measuring nature, size, and dynamics of problems, populations, and so on).
- **Public attitudes and understanding** (via methods such as interviews, opinions)
- **Statistical modelling** (linear and logarithmic regression methods to make sound predictions)
- **Economic evidence** (cost-benefit/cost effectiveness of policies)
- **Ethical evidence** (social justice, redistribution, winners and losers).

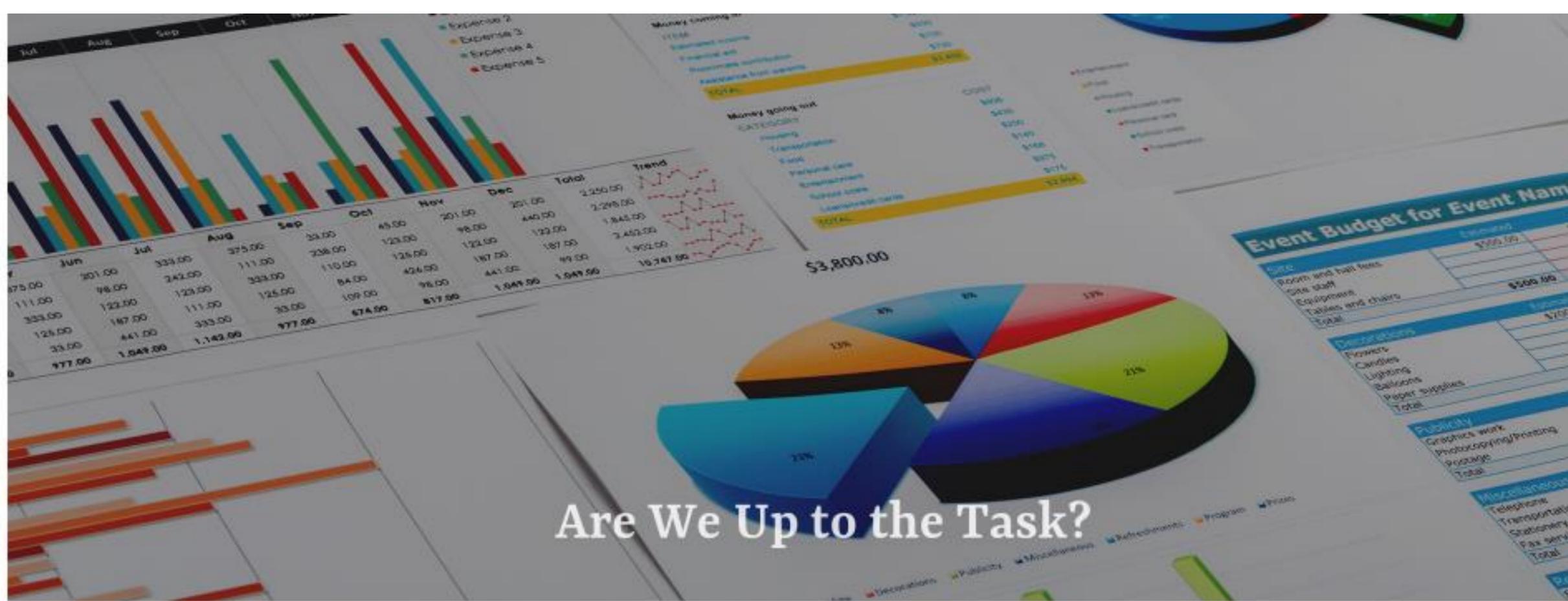


**Data Management
How/ Who**

AGILE THINKING



*That is, while there is value in the items on the right,
we value the items on the left more.*



Are We Up to the Task?

" Data is a Precious thing and will last longer than the systems themselves"

Tim Berners Lee

Thank You

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