

MUGATO

Untangling complexity

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“For us Mugato is the continuously updated architectural drawing.



The complete blueprint of how everything actually works.”

*Anne Therese Grønsund, Head of IT
ArchitectureScandinavian Tobacco Group*

6 units

De dybe kompetencer har vi samlet i enheder, som vi kalder units. Det nære samarbejde på tværs af vores units, sikrer en enkelt indgang til din samlede it-infrastruktur.



HARD TRUTHS

What a lack of a complete
blueprint leads to

- Missed Deadlines
- Budget Overruns
- Operational Disruptions
- Missed Opportunities

#1 problem in IT

Talent

- Not enough available
- Difficult to retain
- Tribal knowledge is a massive risk

IRM

Infrastructure Relationship Management

The global trend of IT-Architecture & governance LED transformation projects

Understanding all

- Relations
- Processes

With historical changes kept intact

Completely agnostic to

- Physical & virtual
- On-prem & cloud
- Operating system & application

Disruption needed

unit it

Pre-Digital



Notes

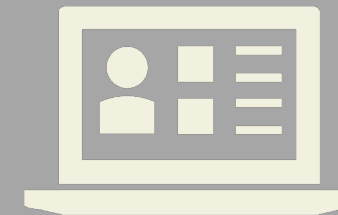


Rolodex



Tribal knowledge

Digital



CRM

Current approach



Workshops
& Interviews



Cumbersome
Inventorying



Static & Outdated
Information



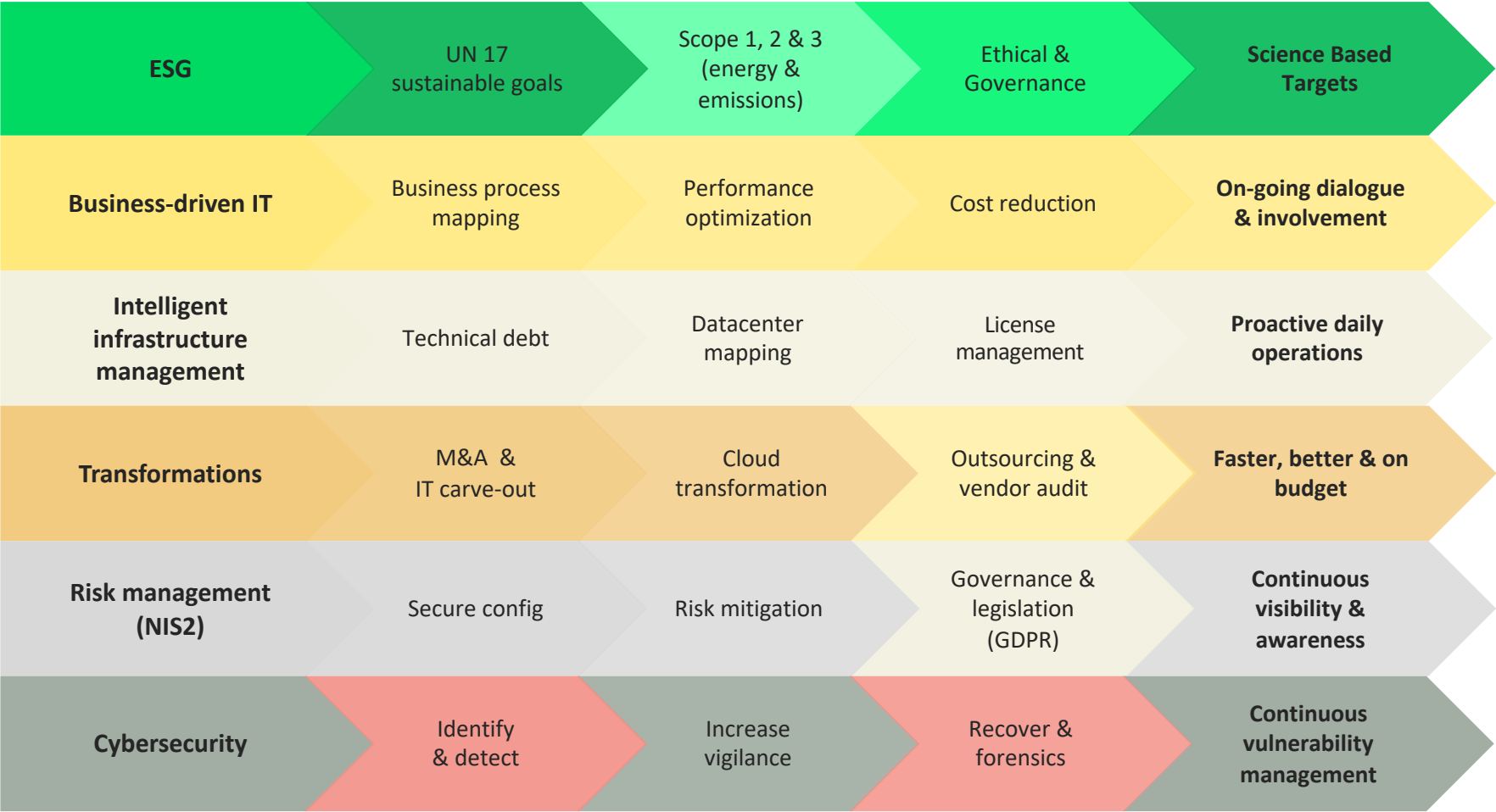
Tribal
Knowledge

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IRM

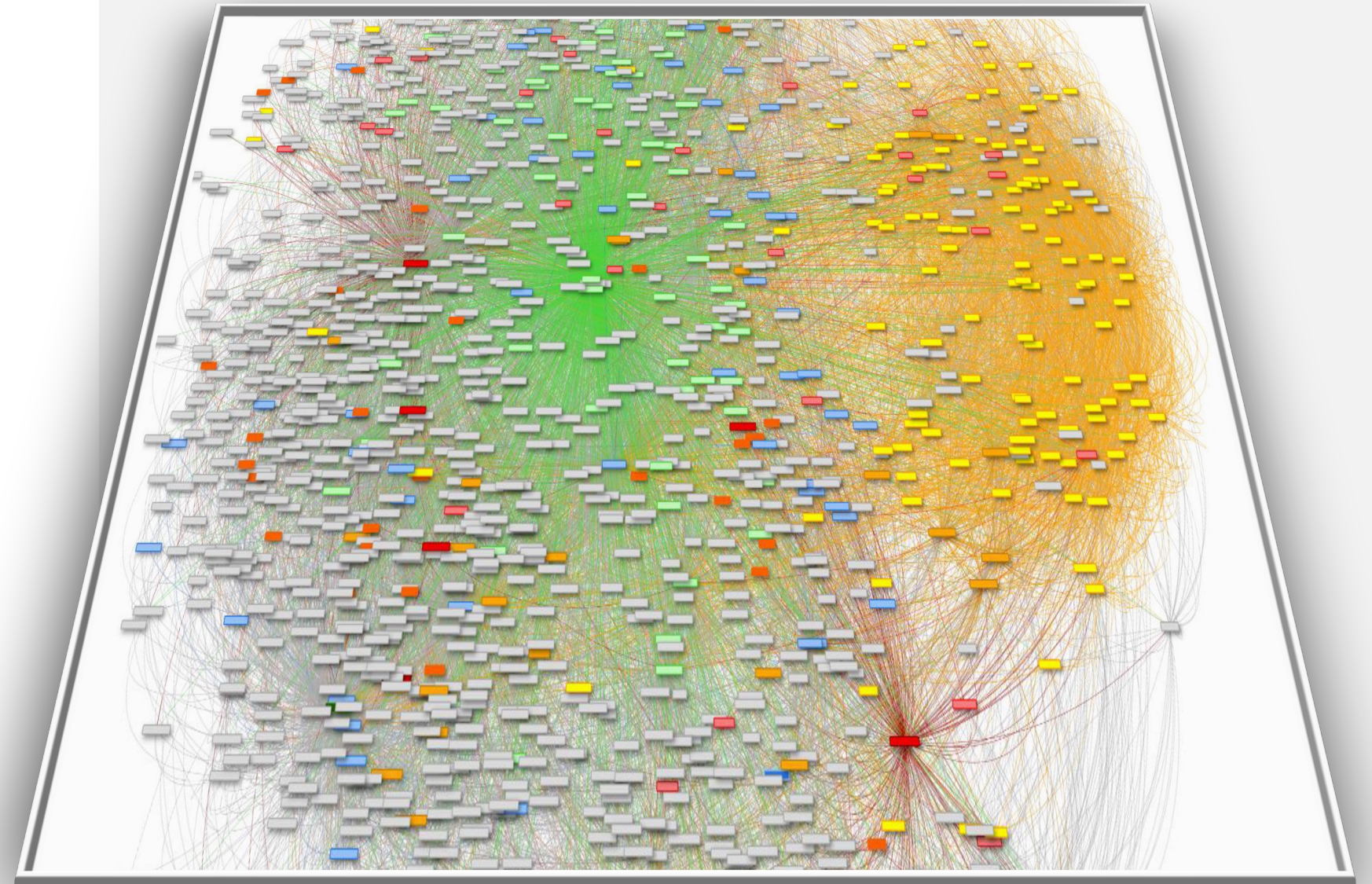
Example use-cases where IRM adds Value



Complex landscape & decaying Governance

Broad provisioning entitlements resulting in:

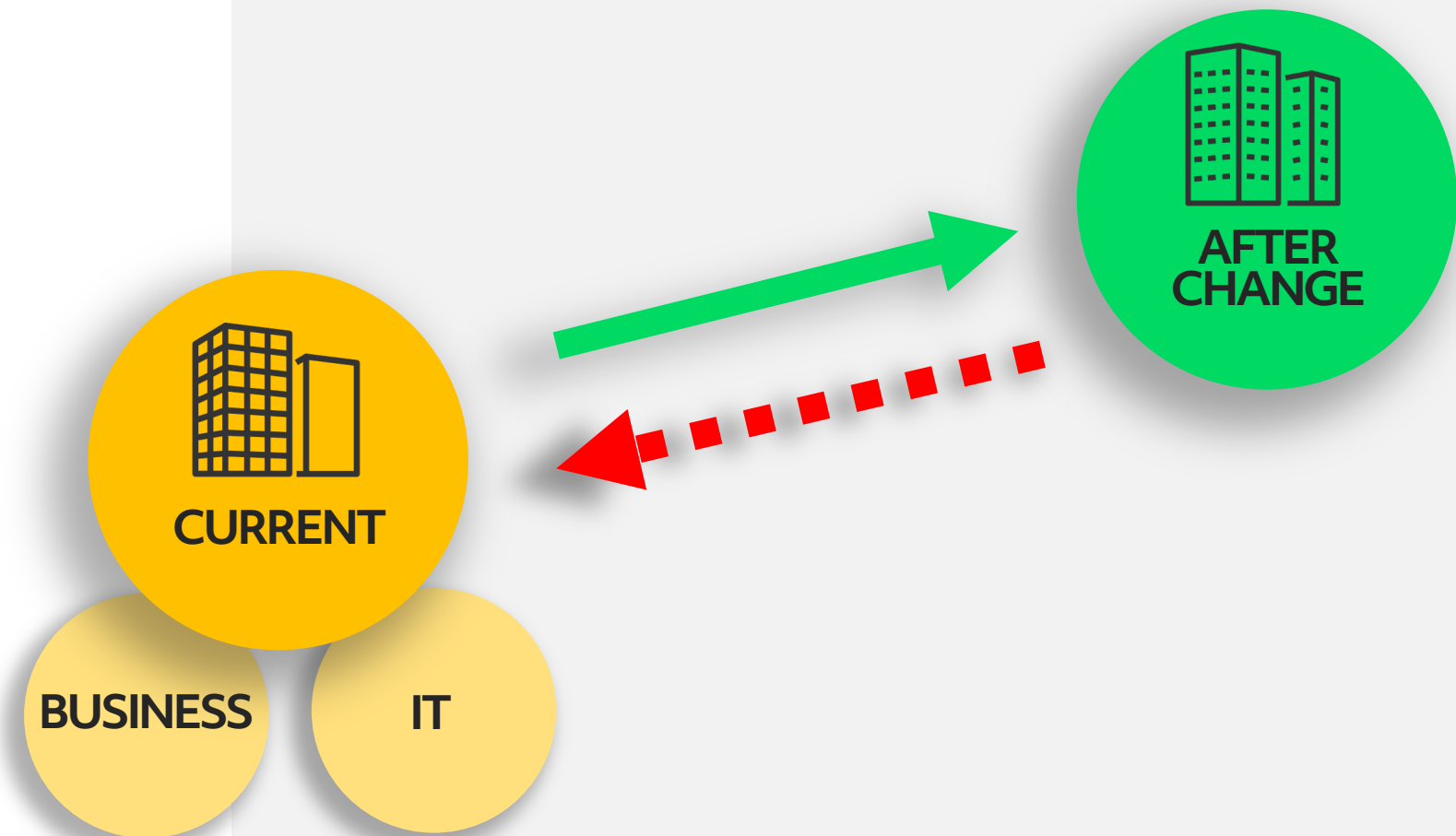
- Server sprawl & noise
- Fuzzy insight
- Unpredictability
- Scope creep
- No cost control



Incomplete impact assessments

Moving a partial application stack

1. Disrupts operational continuity
 2. Hurts business users
 3. Triggers rollback to previous state
 4. Costs a fortune
- ... and can lead to
6. Scepticism of results





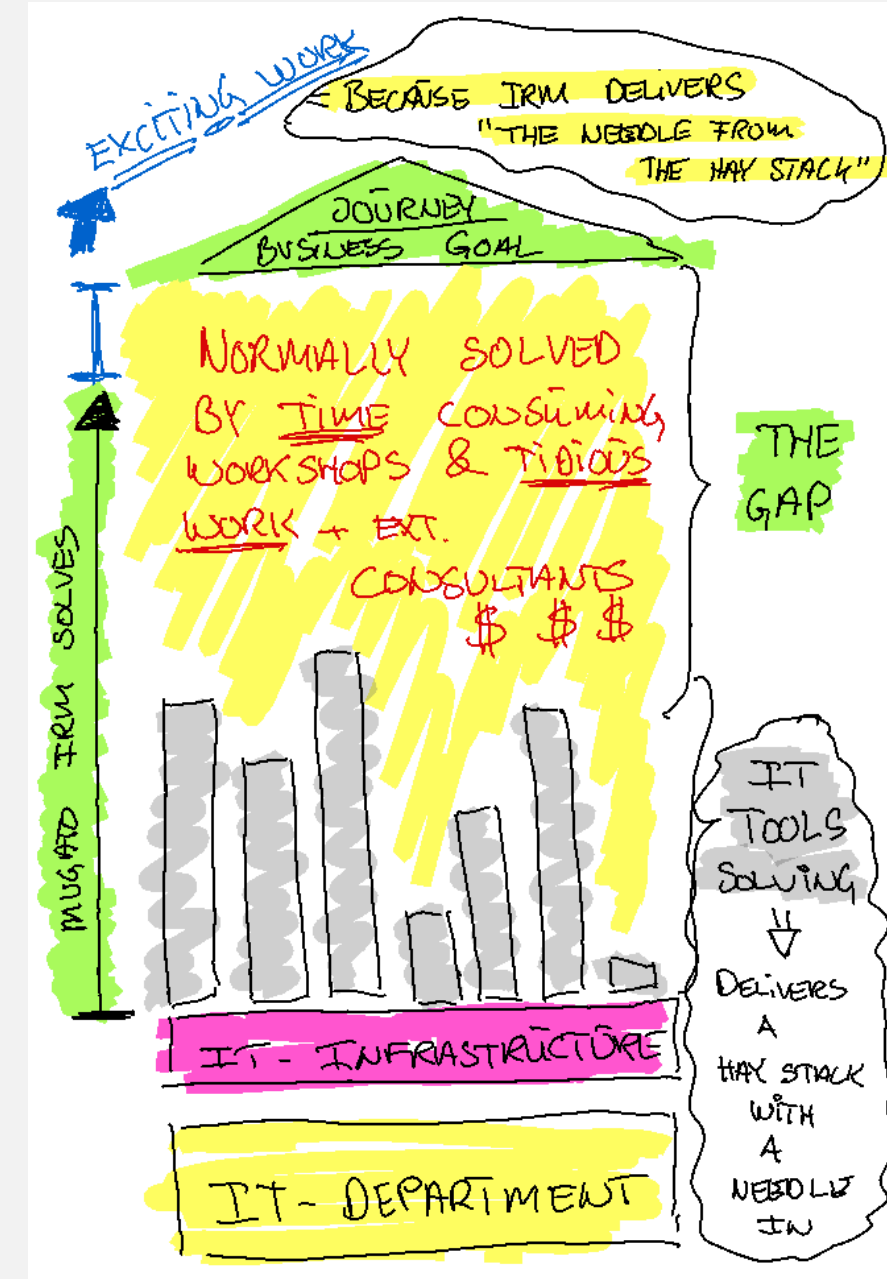
Establishing an overview of hundreds or thousands of servers and applications, requires gathering tribal knowledge through:

- Workshops
- Interviews
- Cumbersome inventory processes

Resulting in an idealized and misleading picture of the truth

Current approach for IT asset overview

Current approach for it asset overview



Current approach for asset overview, planning & execution



Mugato's Point of VIEW

You need to have the complete understanding of your servers and applications being transformed

We believe you need to understand how everything runs, integrates and is used

– both intentional and unintentional

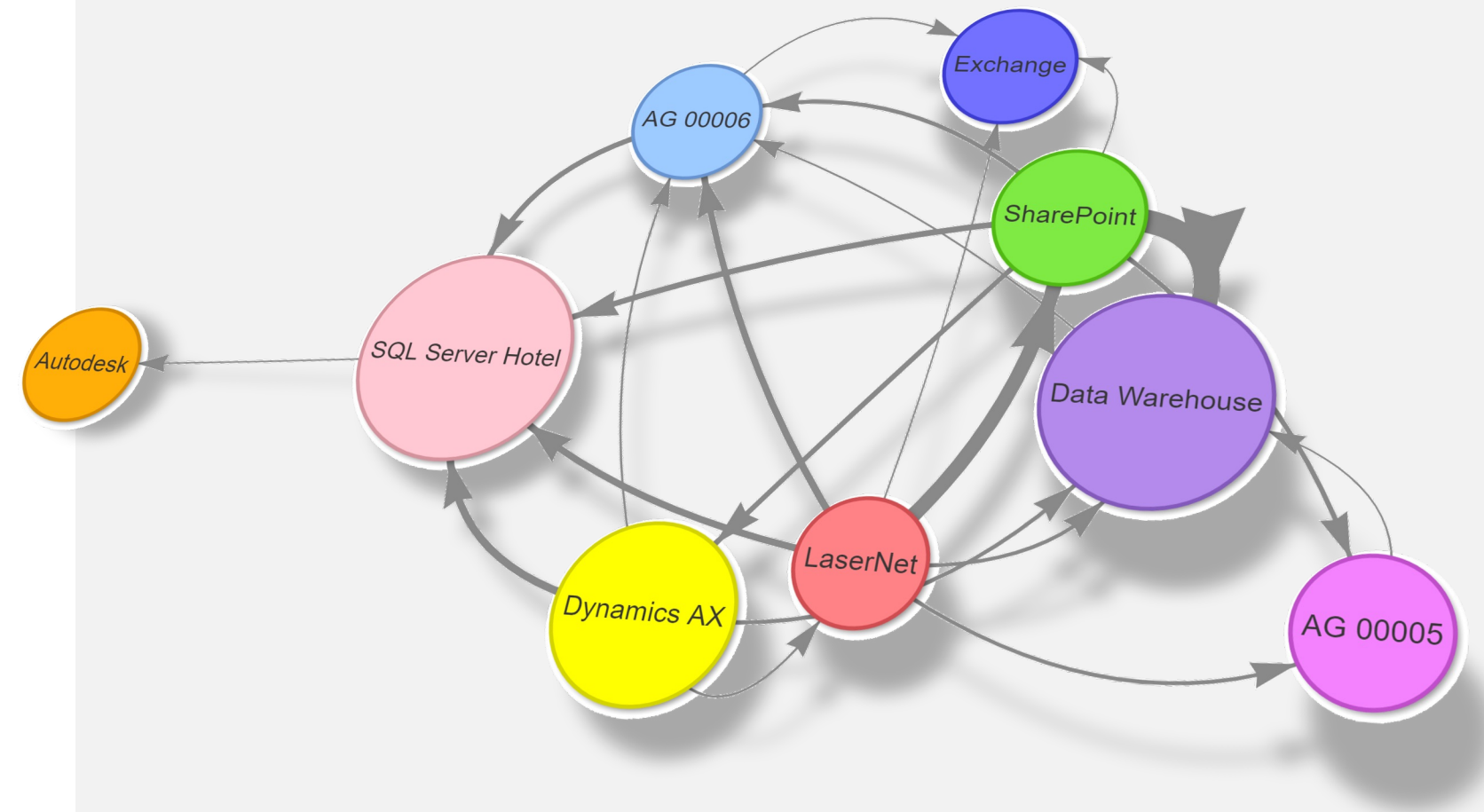
What we provide

- SCOPE
- Sequencing
- Predictability



Scope

- Quick – Establish a complete infrastructure overview fully automatic
- Process Mining – Model infrastructure in Business applications instead of individual servers
- Sizing – right-size on 7 dimensions instead of 1
- Cost – Estimate consumption precisely instead of guess work



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“Mugato is an extremely intuitive solution with a user interface everyone can understand, including non-technical business owners.

After a workshop of less than one hour we are self-reliant with no subject matter experts (SME's) needed.

- That's after an implementation of just 10 minutes.

Mugato's system is truly divine as speed of execution is of crucial importance and will make us much more proactive.”

*Bent Ditlevsen
CIO, Søstrene Grene*

Sizing & Cost

Business application based Right-sizing on 7 dimensions

Facilitates :

- Complete removal of irrelevant & unused servers
- Right-sizing servers on-prem & cloud
- Reduced technical debt
- Reduced licensing
- Reduced managed infrastructure
- Reduced cybersecurity exposure
- Reduced Environmental impact (ESG)



Sequencing

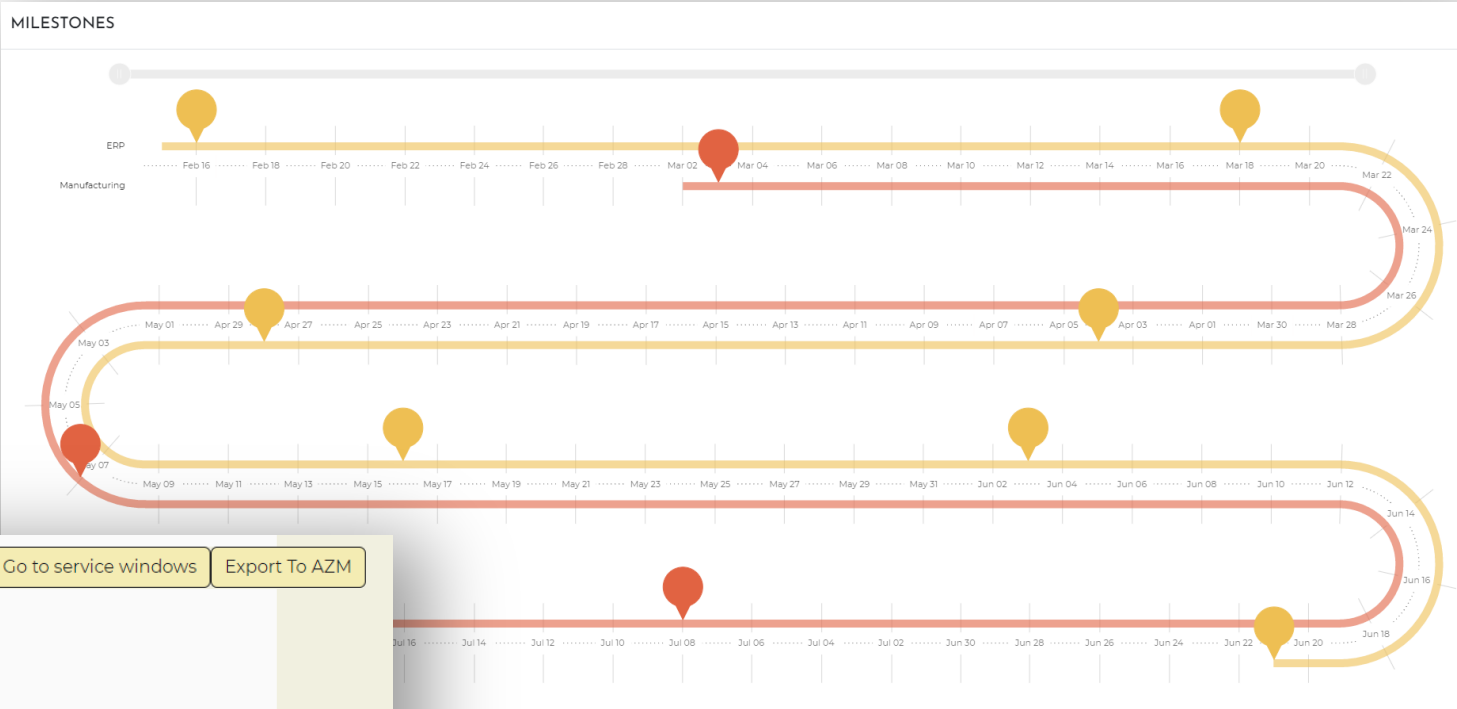
- Continuous – dynamically maintained definitions of all Business applications – fully autonomous & self-learning
- Milestones – transform the right assets in the right order
- Prescriptive Guidance – Versioned Project Plans & Phases
- Change tracking – process baselines & anomaly detection



-
- Plan** Data Center Offboarding v2.03 Generate plan Add Task Add infrastructure Add wave
- | Wave 0 | Wave 1 | Wave 2 | Wave 3 | Wave 4 | Wave 5 | Wave 6 | Wave 7 | Wave 8 | Wave 9 | Wave 10 | Wave 11 | Wave 12 |
|---------------------|---------------------|--------------------|-------------|---------------------|-----------------|--------------|------------|-------------------|----------|-------------|---------|------------|
| Stand-alone servers | Document mgmt 00002 | Data Warehouse | Mastercater | SAS FM | Case management | Notes | Energy Key | Medarbejderportal | Geo Data | | | Appl udvil |
| | | Dynamics NAV 00001 | GIS | Document mgmt 00001 | | Mail gateway | | | DMZ Web | | | Appl udvil |
| Dynamics NAV 00002 | | | ADM web | SPC | | Unik | | | | Azure Proxy | | |
| Test5 | | Telefoni | | | | | | | | | | |
| Radius | | | | Concierge | | | | | | | | |
| | | Blue Prism | | BA 00002 | | | | | | | | |
| Dynamics NAV 00003 | | | | Axxon | | | | | | | | |
| Airwatch | | | | | | | | | | | | |
| | | | | AI servere | | | | | | | | |
| Talegenkendelse | | | | IoT Platform | | | | | | | | |
| | | | | Document imaging | | | | | | | | |
| Inventory dev | | | | | | | | | | | | |
- APPLICATION SCOPE REMAIN DYNAMIC**

Prescriptive Guidance

- Project Plans WITH Phases & MILESTONES
- Break-down in actual service windows
- Easy insight for transformative decisions



ERP

Back Go to service windows Export To AZM

BUSINESS APPLICATIONS: 15 - SERVERS: 54 - CORES: 132 - MEMORY: 418 GB

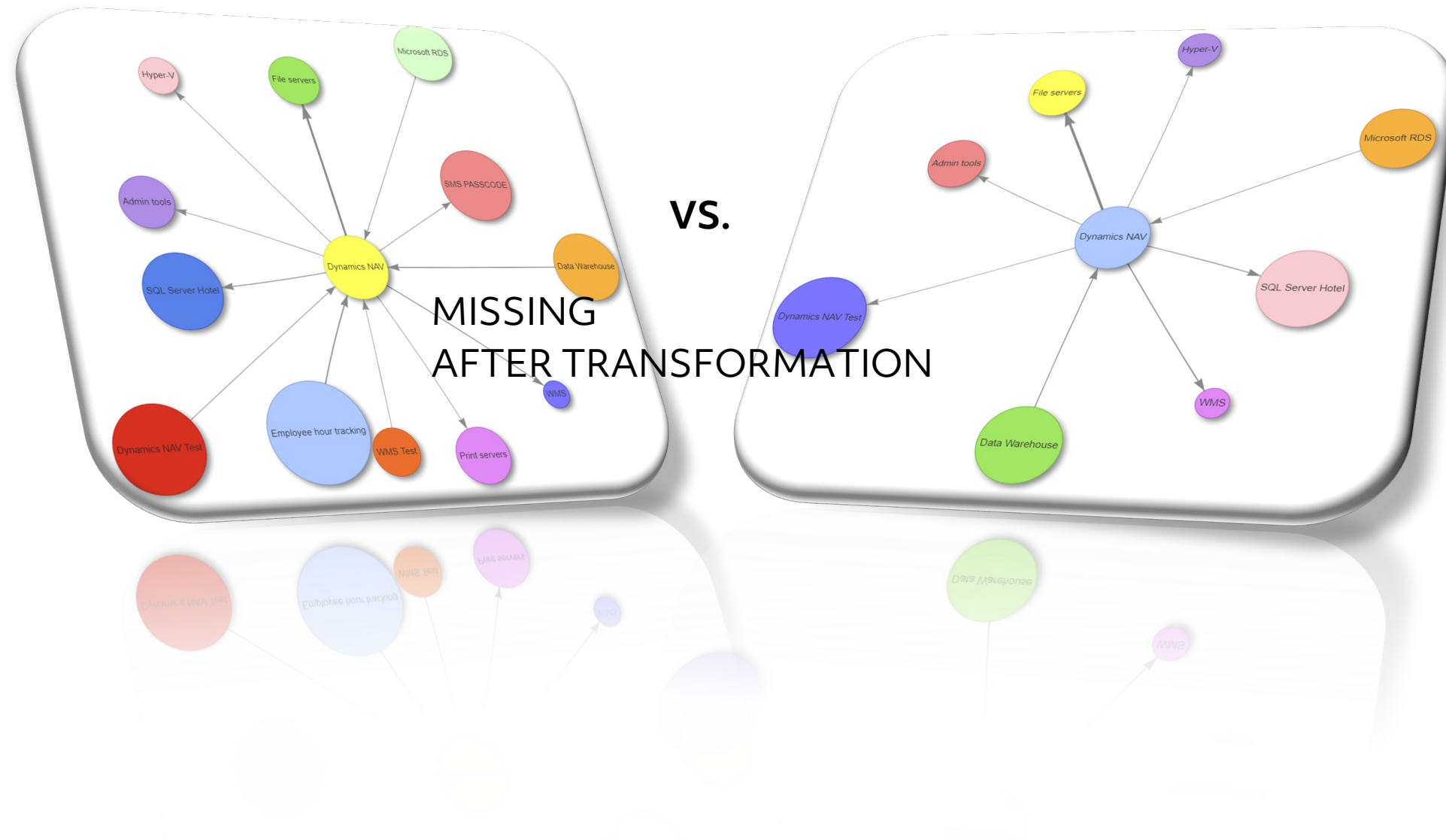
BUSINESS APPLICATIONS	SOFTWARE	Instances
Service		
Windows Process Activation Service		22
World Wide Web Publishing Service		22
ASP.NET State Service		19
Diagnostics Tracking Service		15
Microsoft Antimalware Service		15
Microsoft Network Inspection		15
NSClient++ (x64)		15
Google Chrome Elevation Service (GoogleChromeElevationService)		12
SQL Server Browser		12
SQL Server VSS Writer		11
Microsoft Edge Elevation Service (MicrosoftEdgeElevationService)		10
IIS Admin Service		8

12 DATABASE
SERVERS

22 WEB SERVERS

Change Tracking

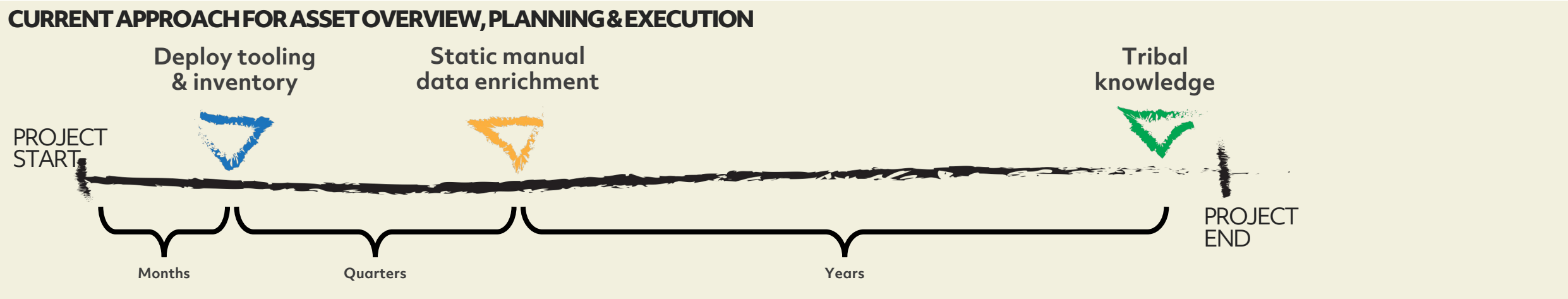
Establishes & compares historic baselines to current estate



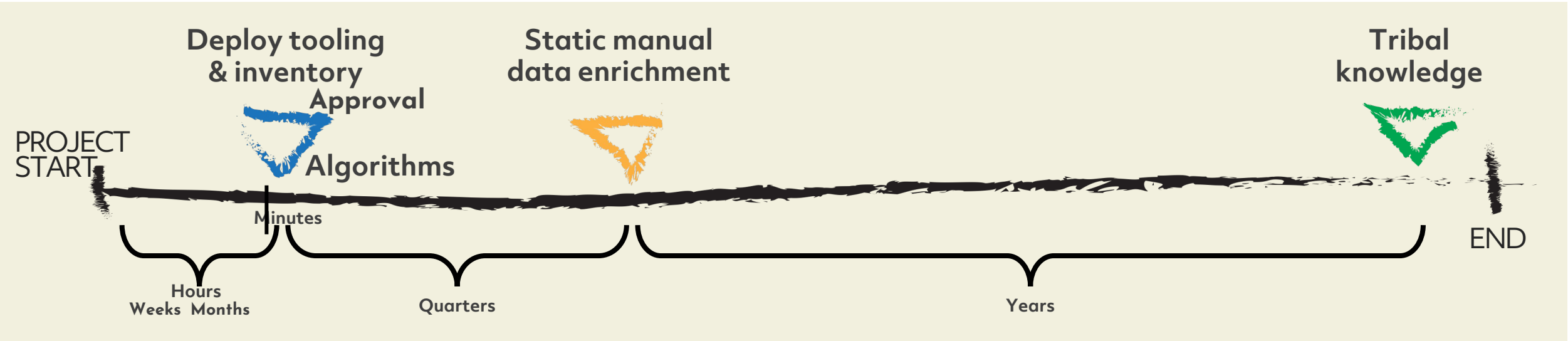
Predictability

- Accelerates lead time to execution (faster time to results)
- Hitting – not missing – deadlines & stay on budget
- Democratizing insights – enabling re-thinking across it & Business units
- Improved quality – through new & innovative designs
- Reduced risk

Execute in weeks not years



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“Whenever I start to explain technology to business owners and management I lose them.

With Mugato, for the first time we have a dialogue tool and a way to visualize highly complex information in an easy to digest form”

*Christian Jørgensen
Head of Infrastructure
Øresund Bridge Consortium*