

Tactical wins in managing asset master data for data strategy realisation

Charlie Sleiman – Mastering SAP 2023

About Endeavour Energy



2.7 million people

living and working in Sydney's Greater West, Blue Mountains, Southern Highlands, Illawarra and South Coast of NSW



20,000

new customers per year



225,000

customers with renewable energy generation



25,000

square kms across



60,000

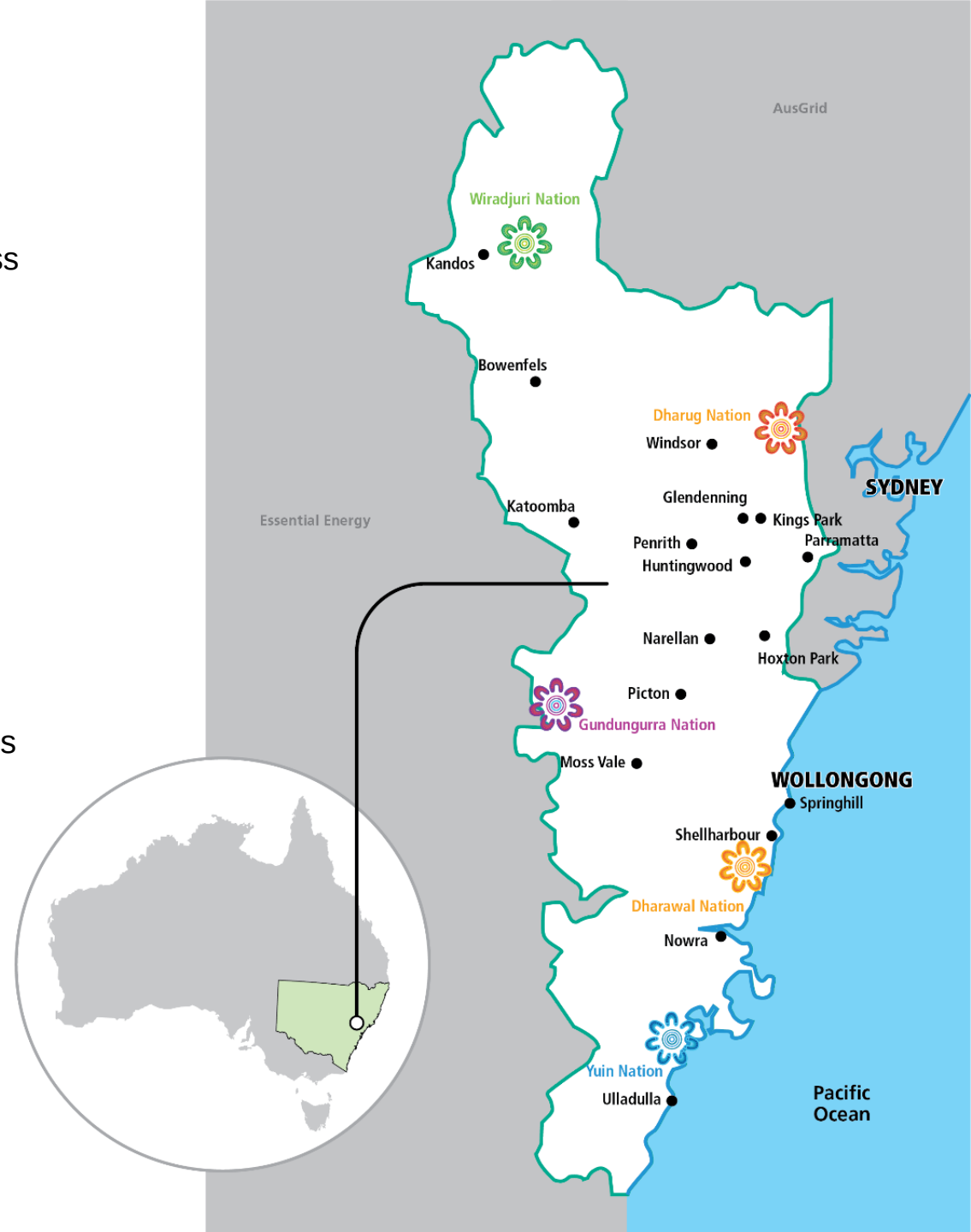
km of powerlines



207

major substations

*Powering
communities for a
brighter future*



Agenda

- Data Strategy and Governance at Endeavour Energy
- The link between Data Governance and operational efficiency
- Why tactical wins matter?
- Why should Data Governance be ongoing?



Data Strategy and Governance at Endeavour Energy



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The link between Data Governance and operational efficiency



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Why tactical wins matter?



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Why should Data Governance be ongoing?



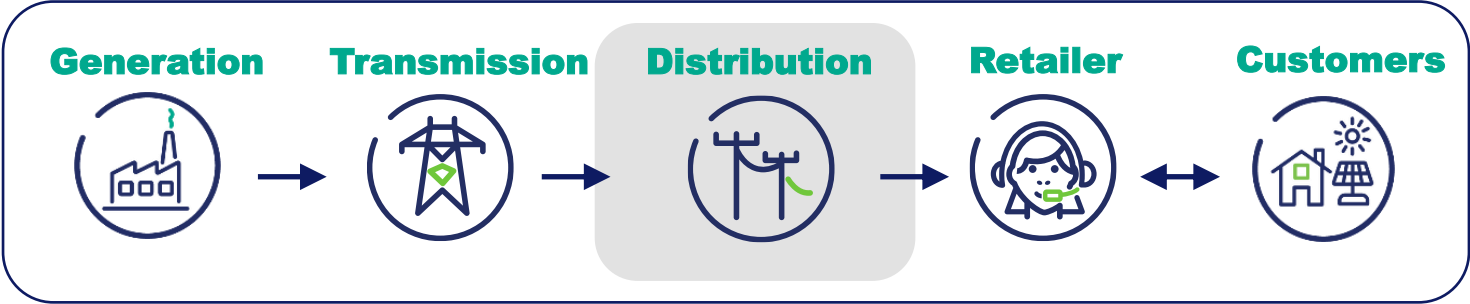
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Data Strategy and Governance at Endeavour Energy

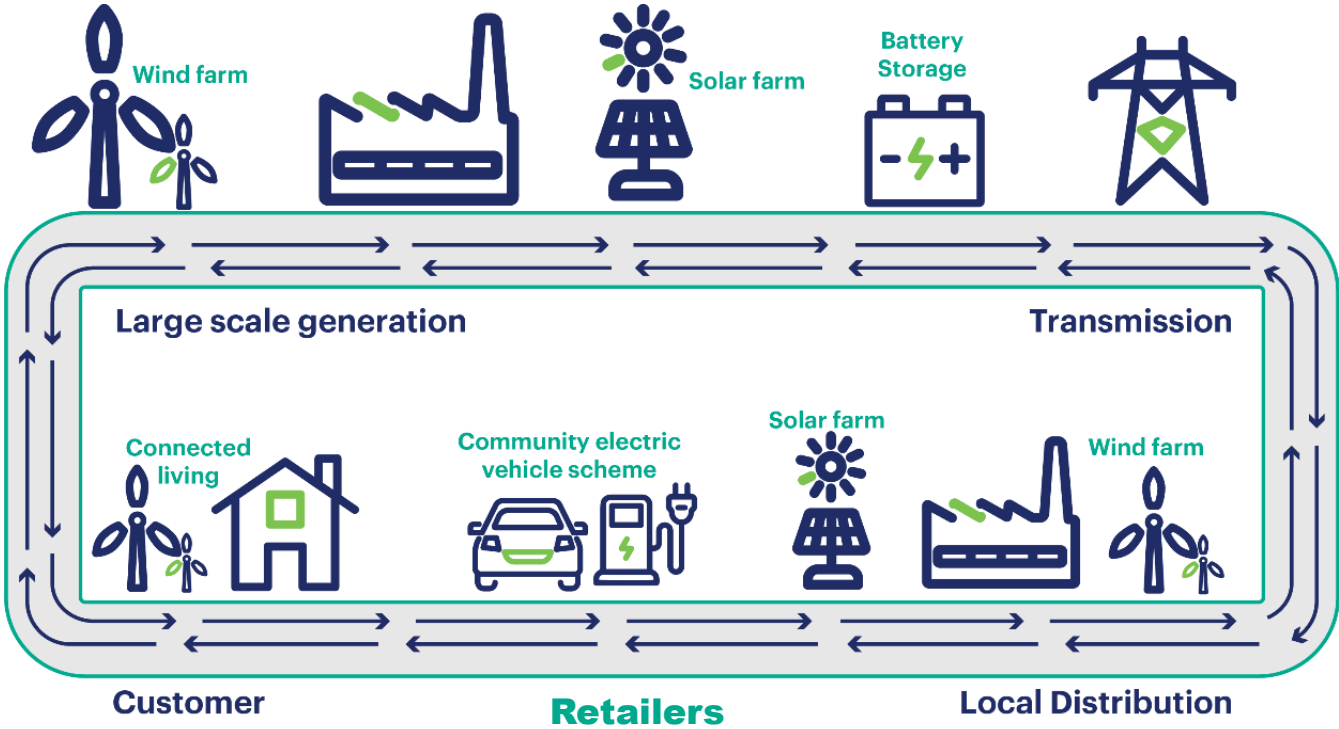
Our changing role in the energy supply chain as a dynamic services operator.

All industries are undergoing disruption

Traditional supply chain



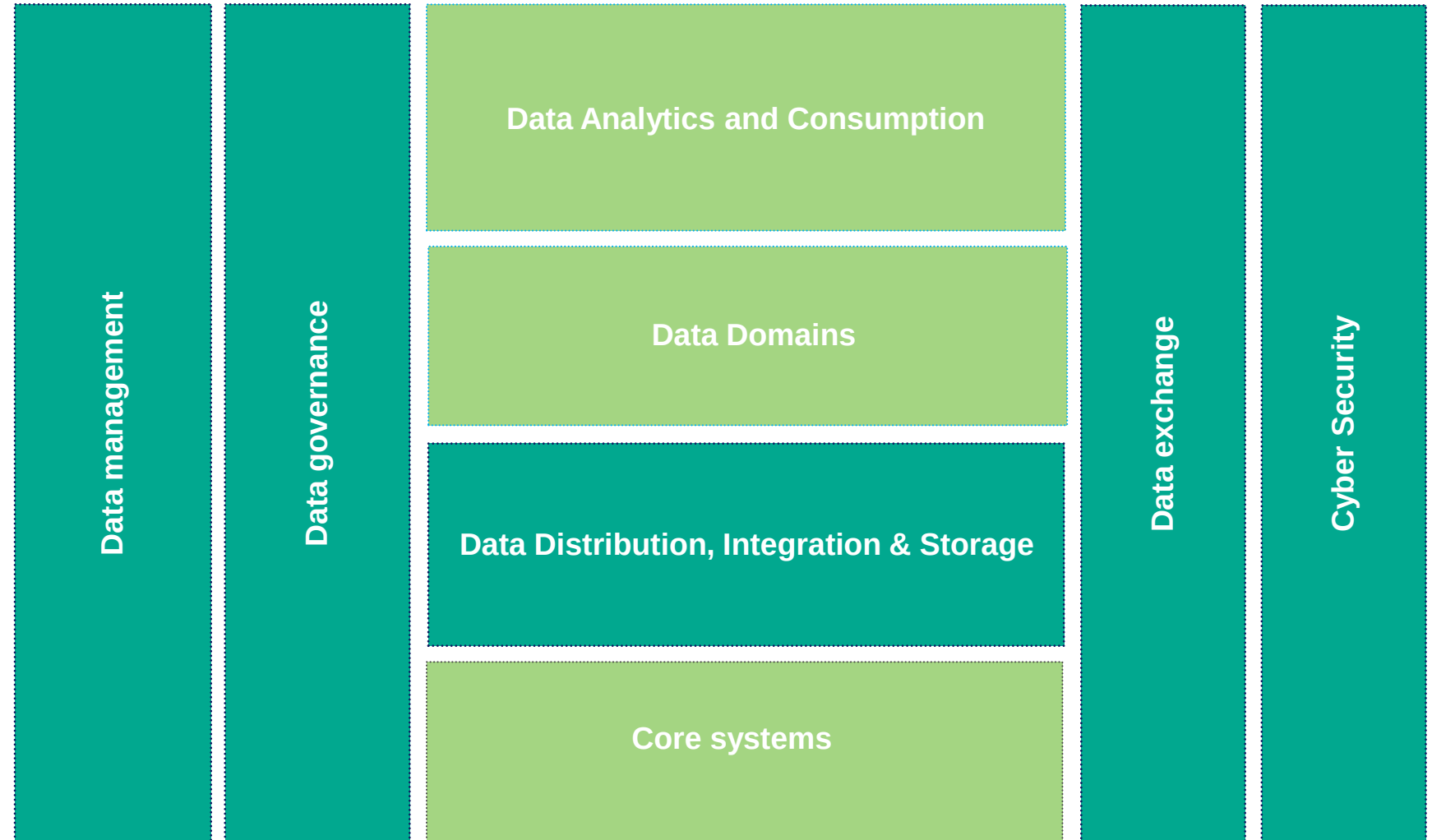
The supply chain today



Our strategy & capability model

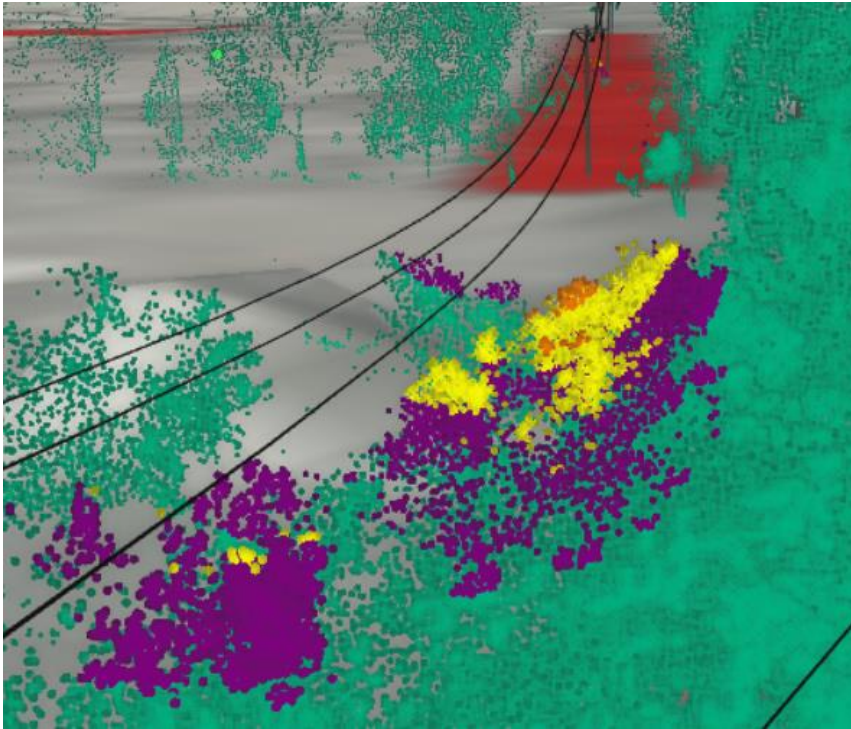
Core principles for our stakeholders

- Trust the data
- Make the data accessible
- Self-service



Our world is complex – assets are even more so! Analytics is a tool to deal with complexity

As industries are disrupted and the world moves at pace our incredibly smart people don't have the capacity to work as we have. Granular data from new sources combined with new ways of analysing lets us work smarter and be more precise than ever before. Automating these insights lets our people build strategies and be confident in decisions

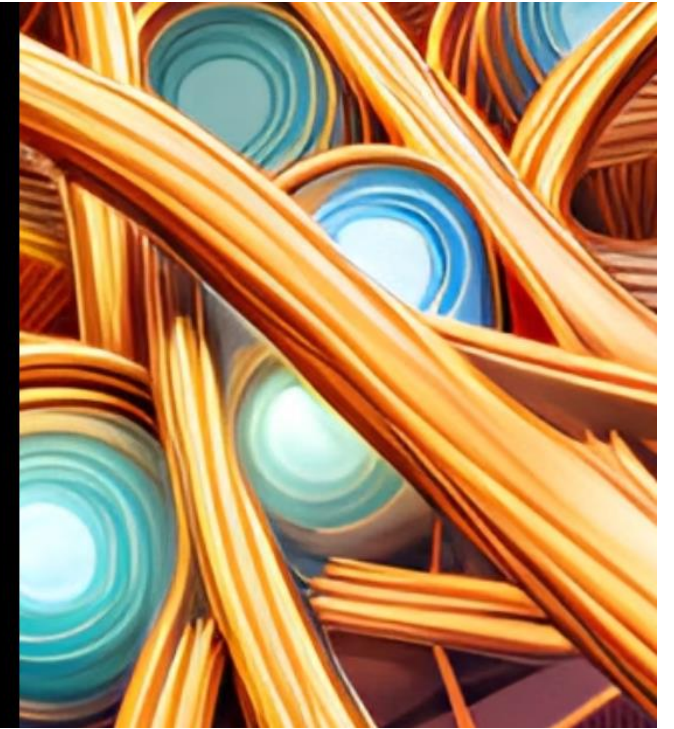


Automated scanning and analytics allows us to predict vegetation growth in minimising bushfire risk

Navigating the Complex World of Assets with Analytics

As we navigate the complex world of assets, one thing is clear: the challenges we face are numerous and multifaceted. From managing large-scale systems to dealing with a constantly changing landscape, it can be difficult to make sense of it all. That's where analytics comes in.

By leveraging data and advanced algorithms, analytics can help us gain insights into our assets that would otherwise be impossible to obtain. Whether we're looking at performance metrics or predicting future trends, analytics allows us to make informed decisions that can have a significant impact on our asset management strategy.



Description auto-generated with AI. Tech is moving at pace and enables complex concepts/analytics to be generated near real time

Our journey



SAP go live



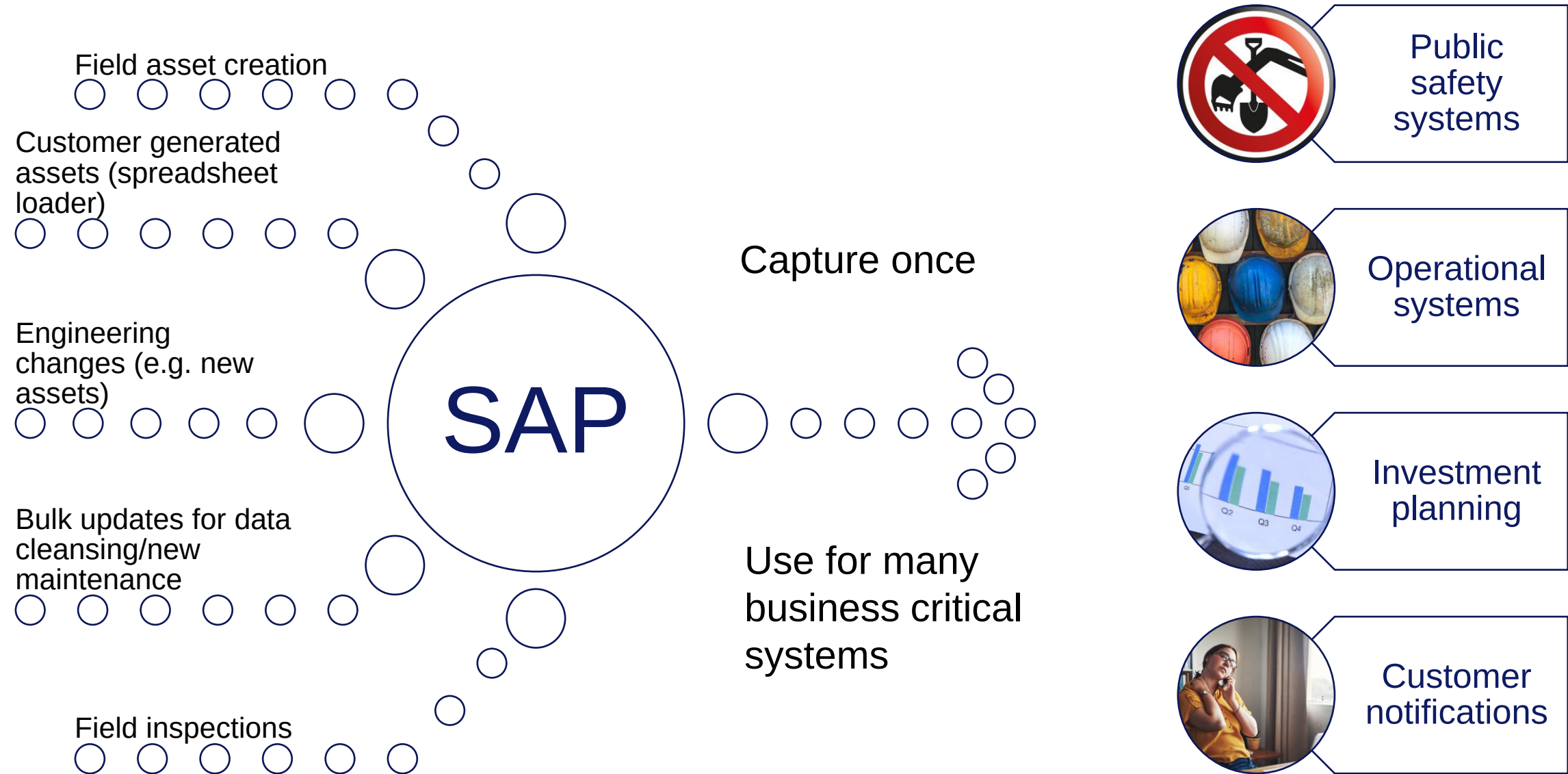
Data strategy



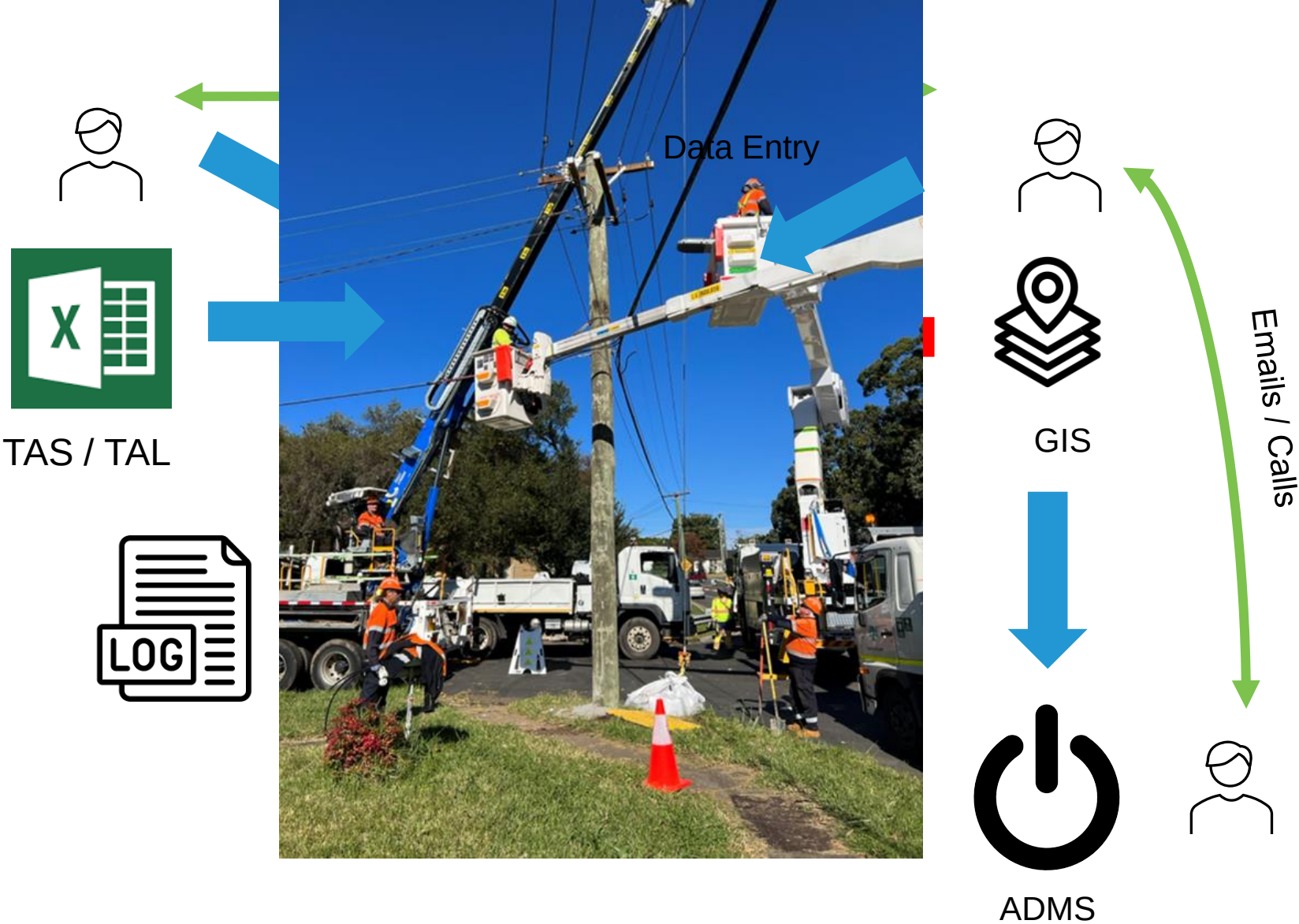
MDO

The link between Data Governance and operational efficiency

How do we gather data



Case Study – Master Data Asset Data Loading



How do we ensure quality

Old way

Manual review

Basic mandatory checks using BRF and macros

Inflexible quality reporting

Transformation

Automated/pre-filled entry

Utilise PowerBI and flexible tools to report on progress

Workflow and responsibility systemised

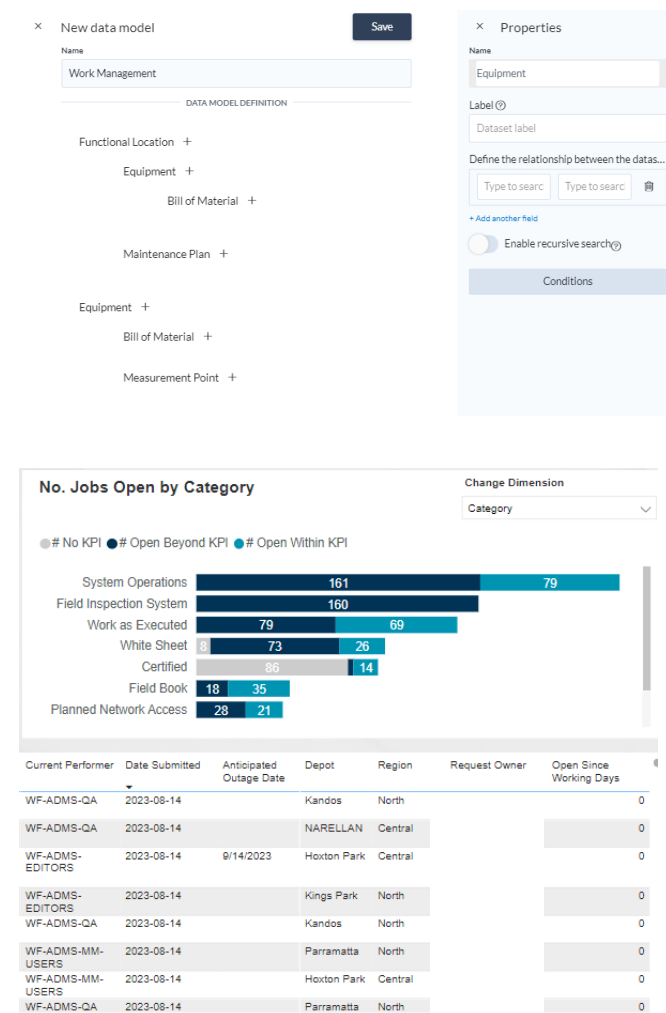
Microsoft has blocked macros from running because the source of this file is untrusted. [Learn More](#)

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Rule Bindings

[View Failed Data](#) [View Impact](#)

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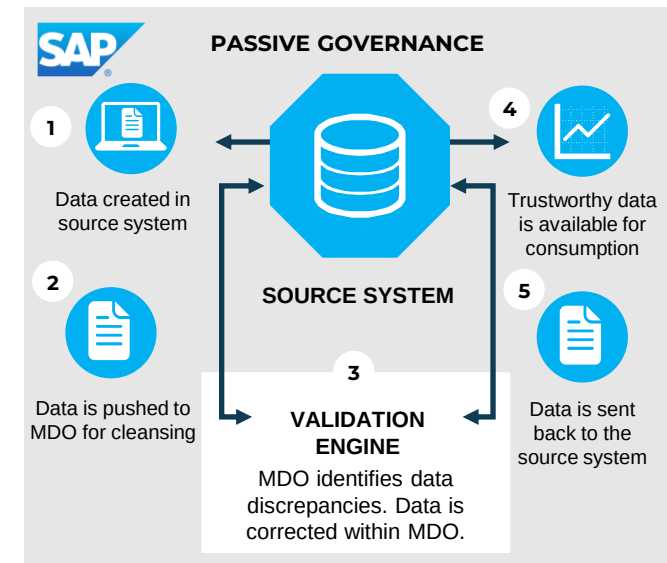
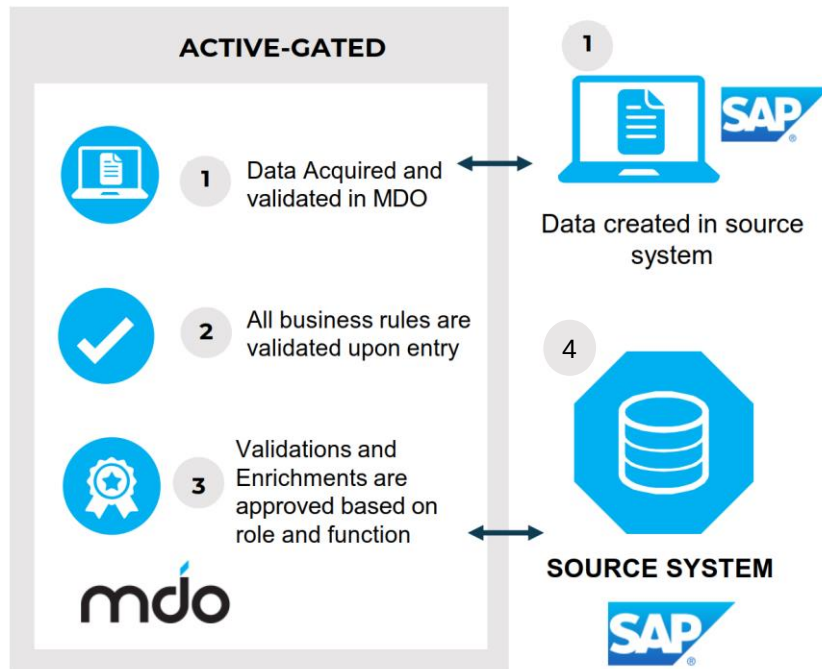
Improving the data quality

Active governance

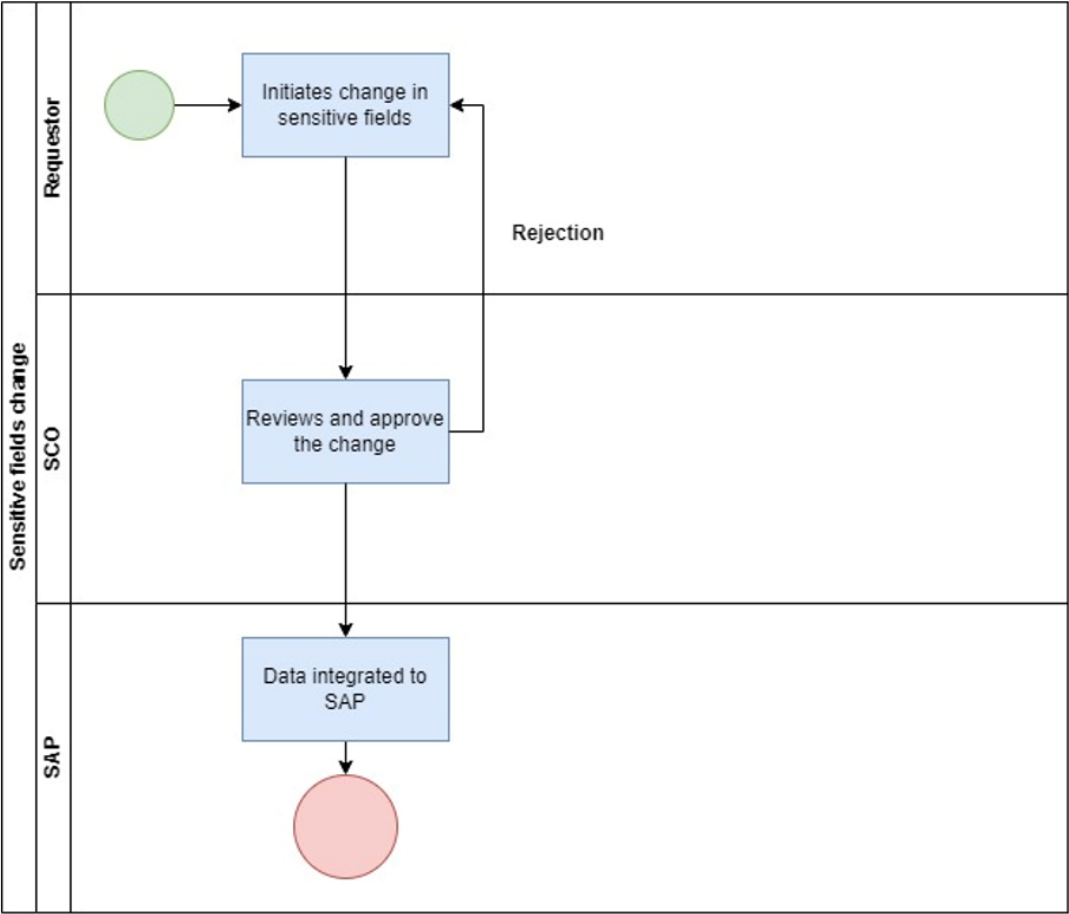
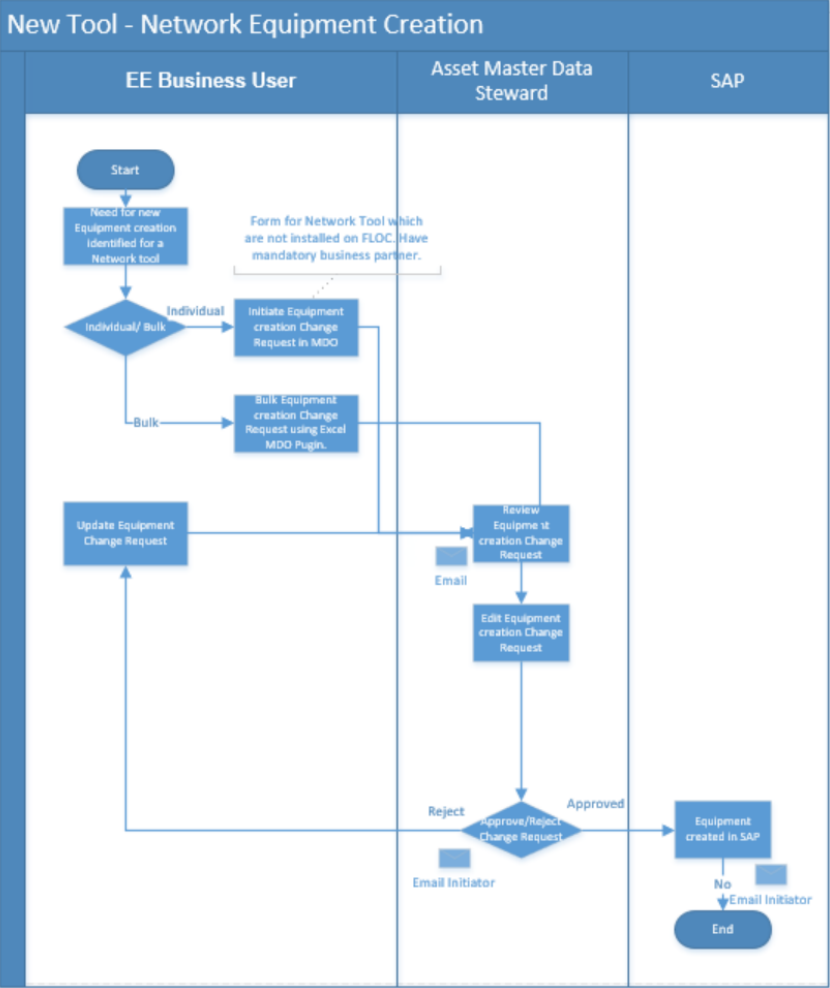
- Workflows (not emails or workflows, but automated/more efficient) processes
- Controls on data entry (Promoting good data)
- Simple process for our people to do in field offices

Passive governance

- Monitoring the quality (Identifying bad data)
- Must be intuitive and accessible
- Dashboard reports for Data Quality Assessment



Defined processes



Progress with MDO to date

Lessons Learnt

Stakeholder engagement
varied

Data Custodians

Timeboxing didn't work

Worked Well

Buy in

Partnerships

Efficiencies didn't work



Why tactical wins matter?



**Endeavour
Energy**

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Why do tactical wins matter

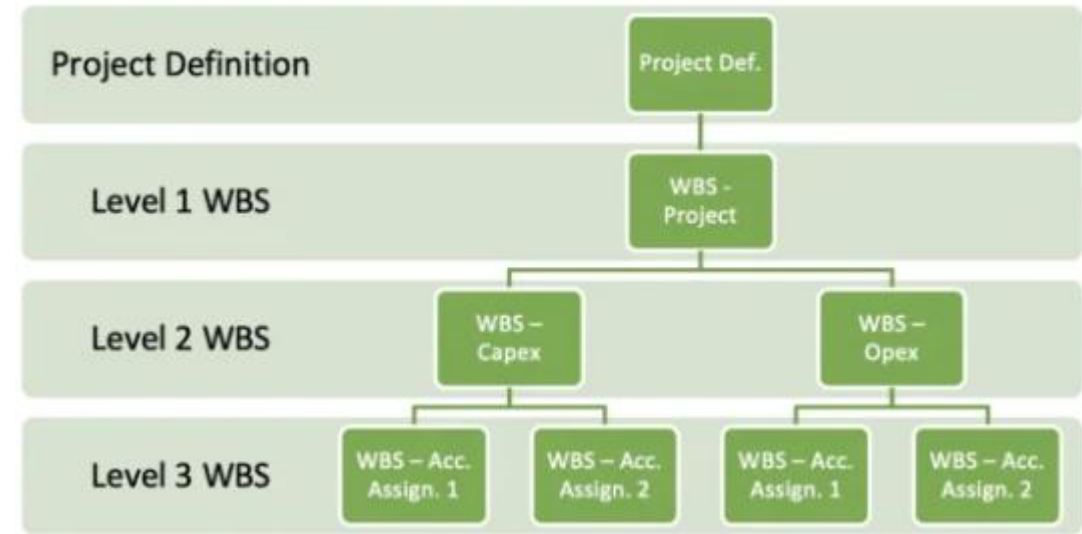


Licence
TO **Build**

Tactical wins

Staff training

\$200k / year savings
with no capital outlay



Why should Data Governance be ongoing?

Why should data governance be ongoing?

Compliance

Quality

Security

Innovation

**Decision
making**

What's Next?

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graph LR; A((What's Next?)) --- B[Roll out MDO to other domains]; A --- C[Re-invent our Data Community]; A --- D[Artificial Intelligence];
```

Roll out MDO to other domains

Re-invent our Data Community

Artificial Intelligence



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