Maximo User Group UK & Ireland 2022

IBM Innovation Studio, York Road, London

Transport for London

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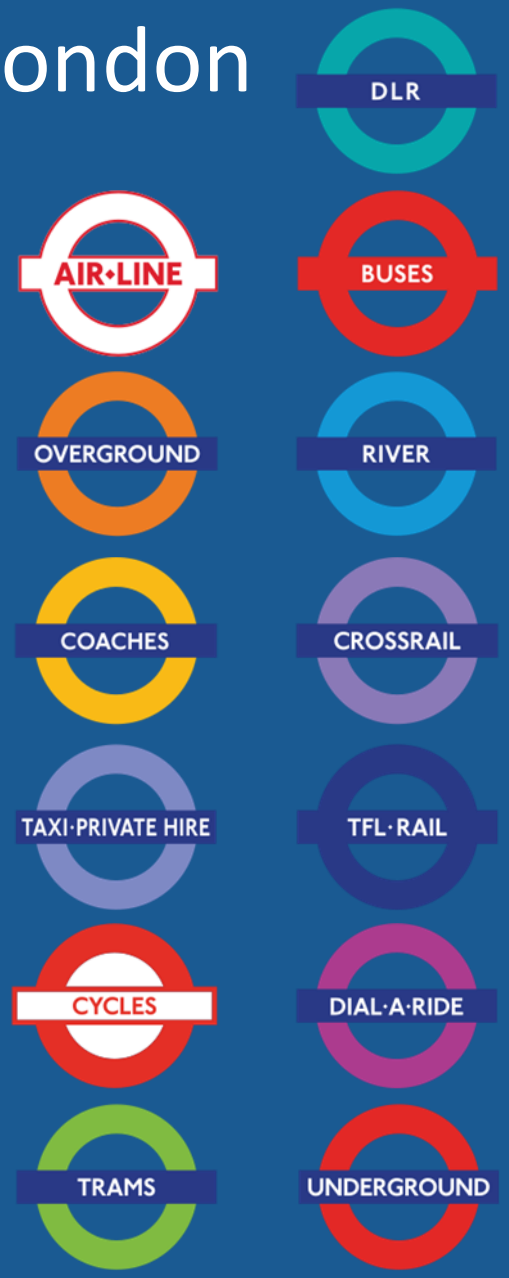
Transport for London



Formed in 2000, TfL is the integrated transport authority responsible for meeting the Mayor's strategy and commitments on transport in London.
We run the day-to-day operation of the Capital's public transport network and manage some of London's busiest roads

We manage a bus fleet of around 9,300 vehicles operating across 675 routes.

London Underground has 11 lines covering 402km and serving 270 stations. Handles up to five million passenger journeys a day and at peak times, there are more than 540 trains in service

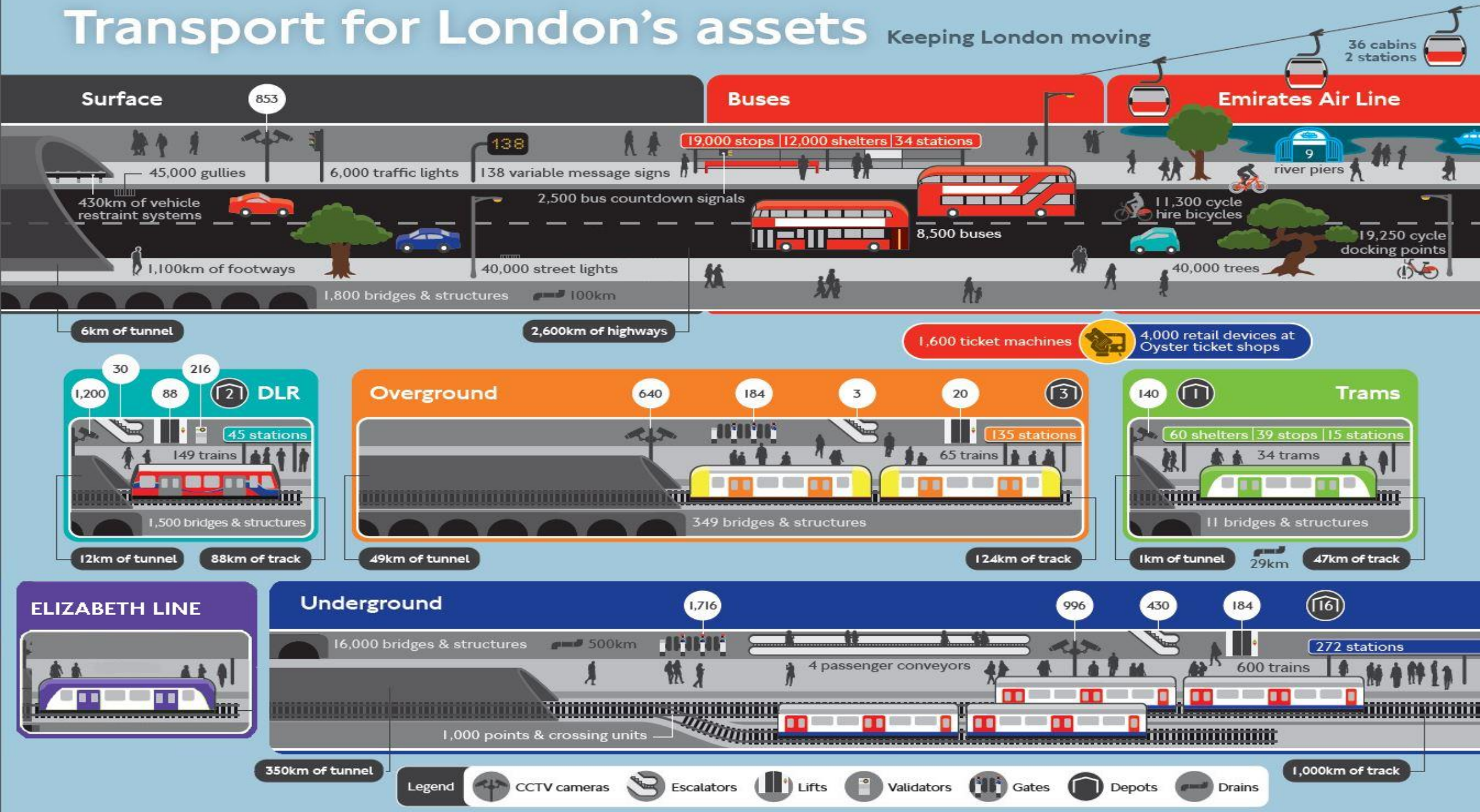
The DLR has 45 stations and 149 vehicles

The London Overground network covers 112 stations across six routes

There are 14,790 kilometres of road in London. The Transport for London Road Network (or "red route" network) accounts for 590 kilometres (around 5% of the total road network in London, but carrying about 30% of the city's traffic!)

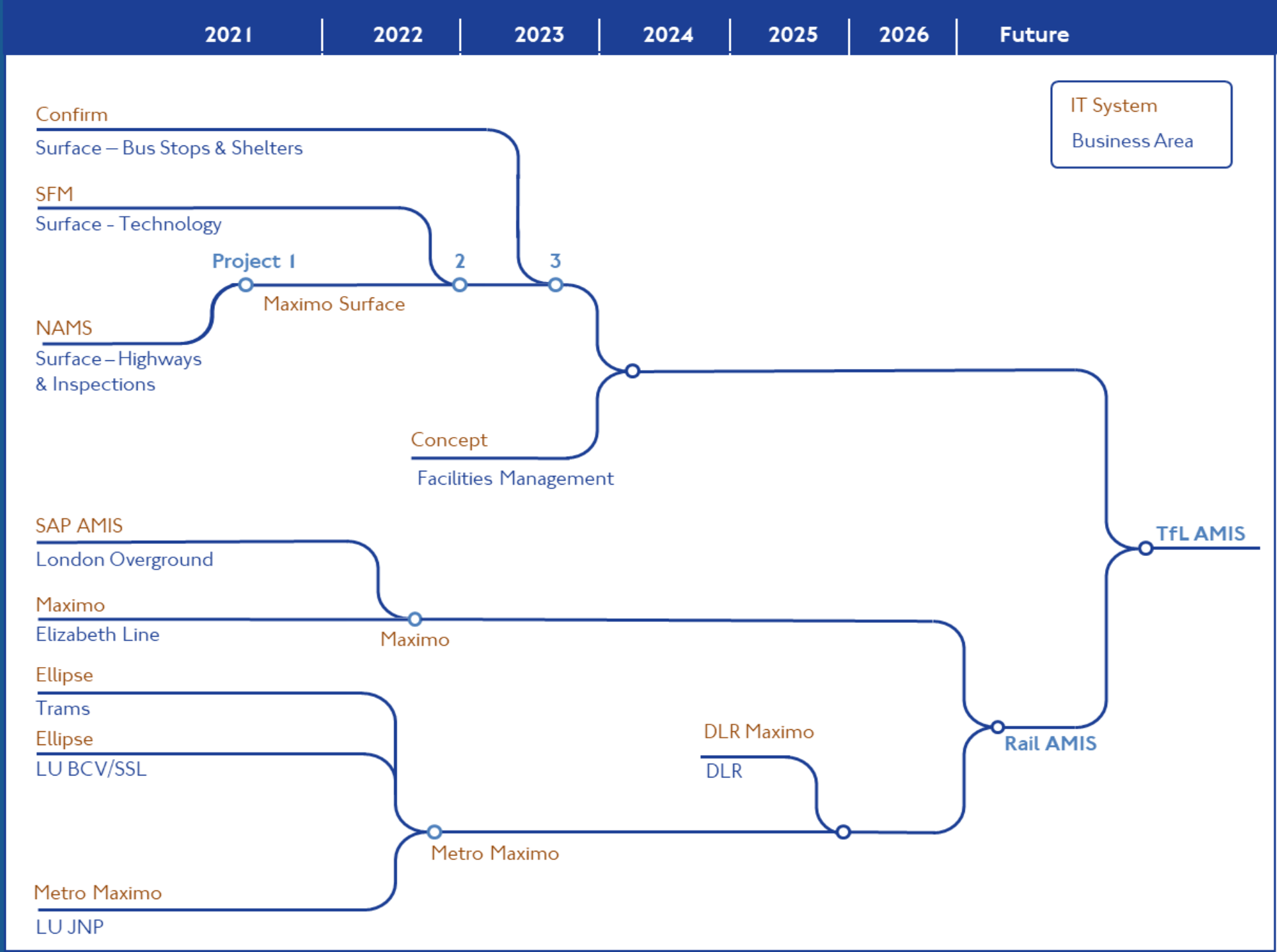
Transport for London's assets

Keeping London moving



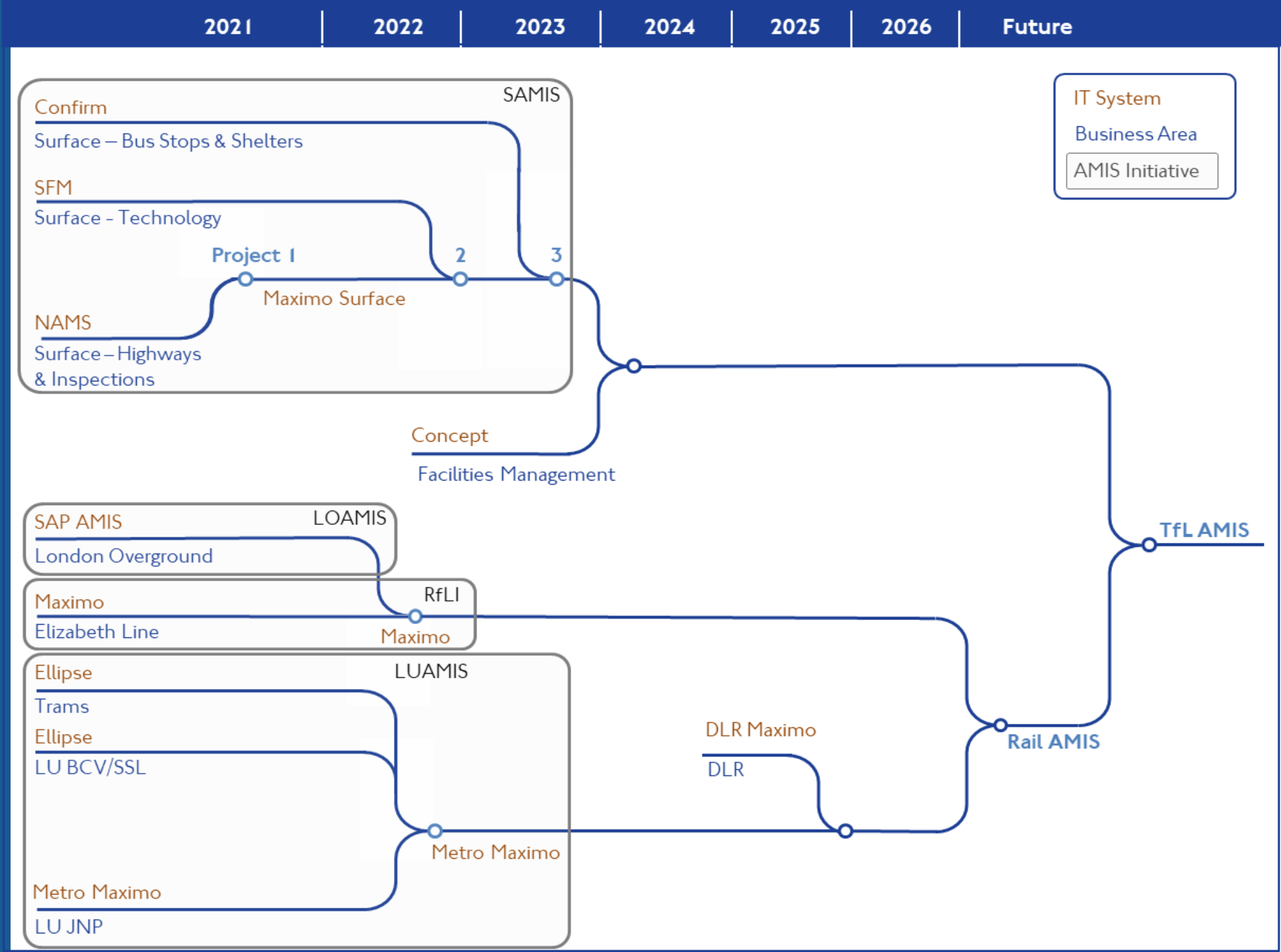
Systems Consolidation Vision

Localised consolidation with a view to eventual convergence

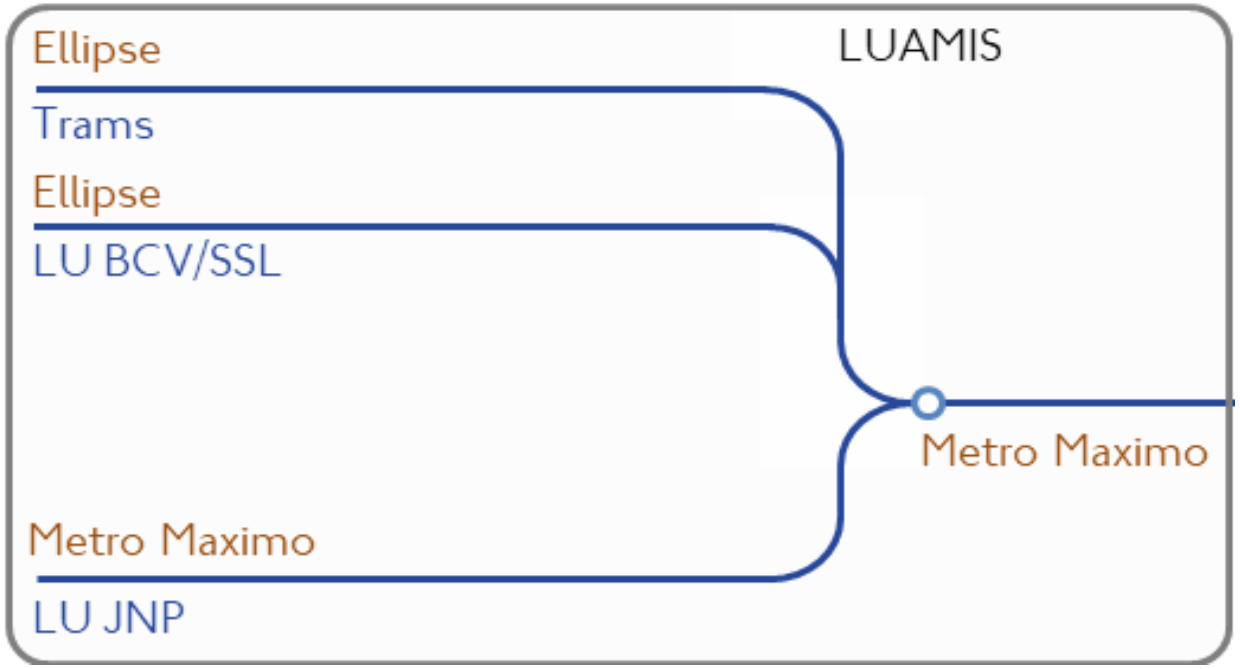


Delivery Projects

There are several AMIS initiatives that are delivering the systems consolidation strategy



London Underground Asset Management Information System (LUAMIS)



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AMIS | Vision

AMIS will deliver one asset system for LU and Trams to achieve a safer, more reliable and affordable railway, providing a better service for our customers

The scope of AMIS is to decommission Ellipse and transition LU and Trams to the use of Metro Maximo

Why

We can't stay where we are because…

- We are currently maintaining and operating two asset management systems, Metro Maximo and Ellipse, which creates barriers for those in pan-LU teams.
- Segregating our asset information in this way creates gaps in our data and increases risks to the safety, performance and compliance of our operations.
- We are paying two sets of maintenance and upgrade costs.
- London Underground (LU) is now a single, fully integrated pan LU asset operations team. As such, we need a single asset management system that gives us a full and reliable picture of the business assets.

What

When this change has been successful…

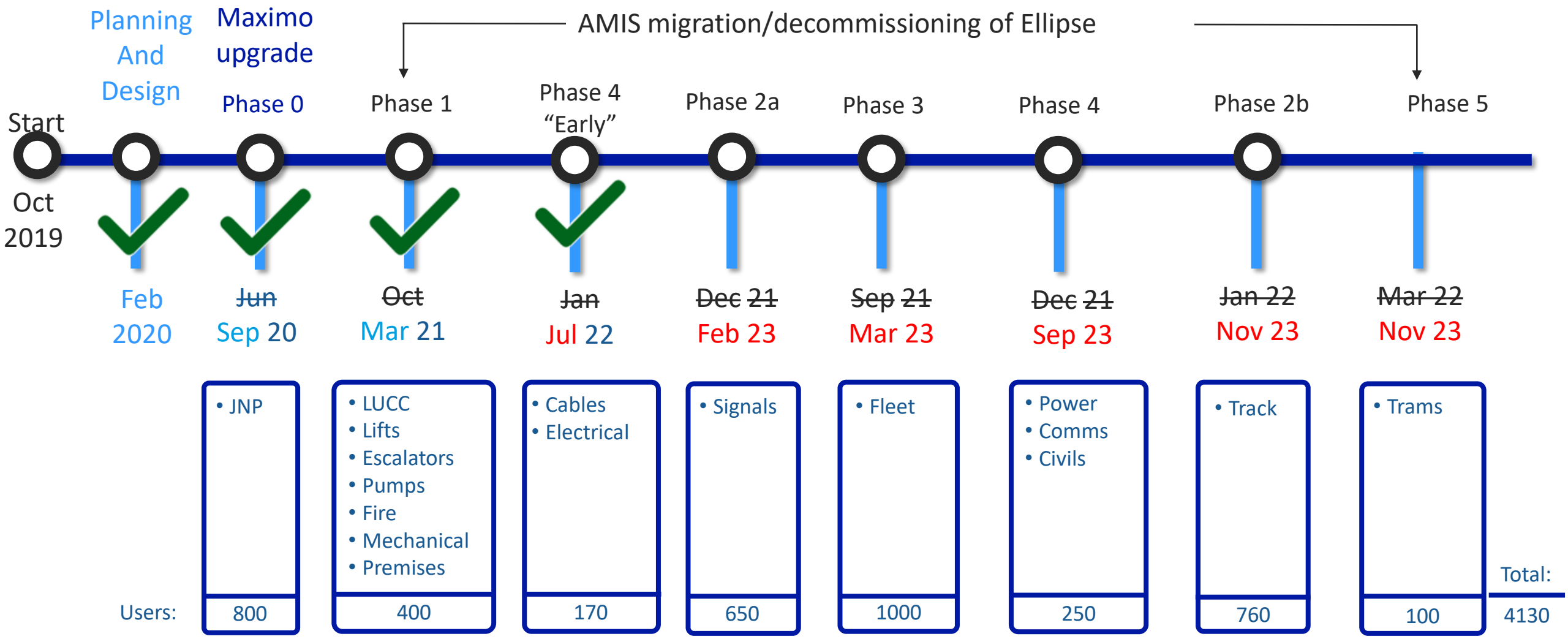
- We will have one asset management system and mobile solution.
- Data will be consolidated, standardised and aligned including a single Asset Hierarchy.
- We will have one set of business rules and processes embodied by the system.
- We will have reduced our future upgrade, support and maintenance costs.
- We will be able to operate as one team.

How

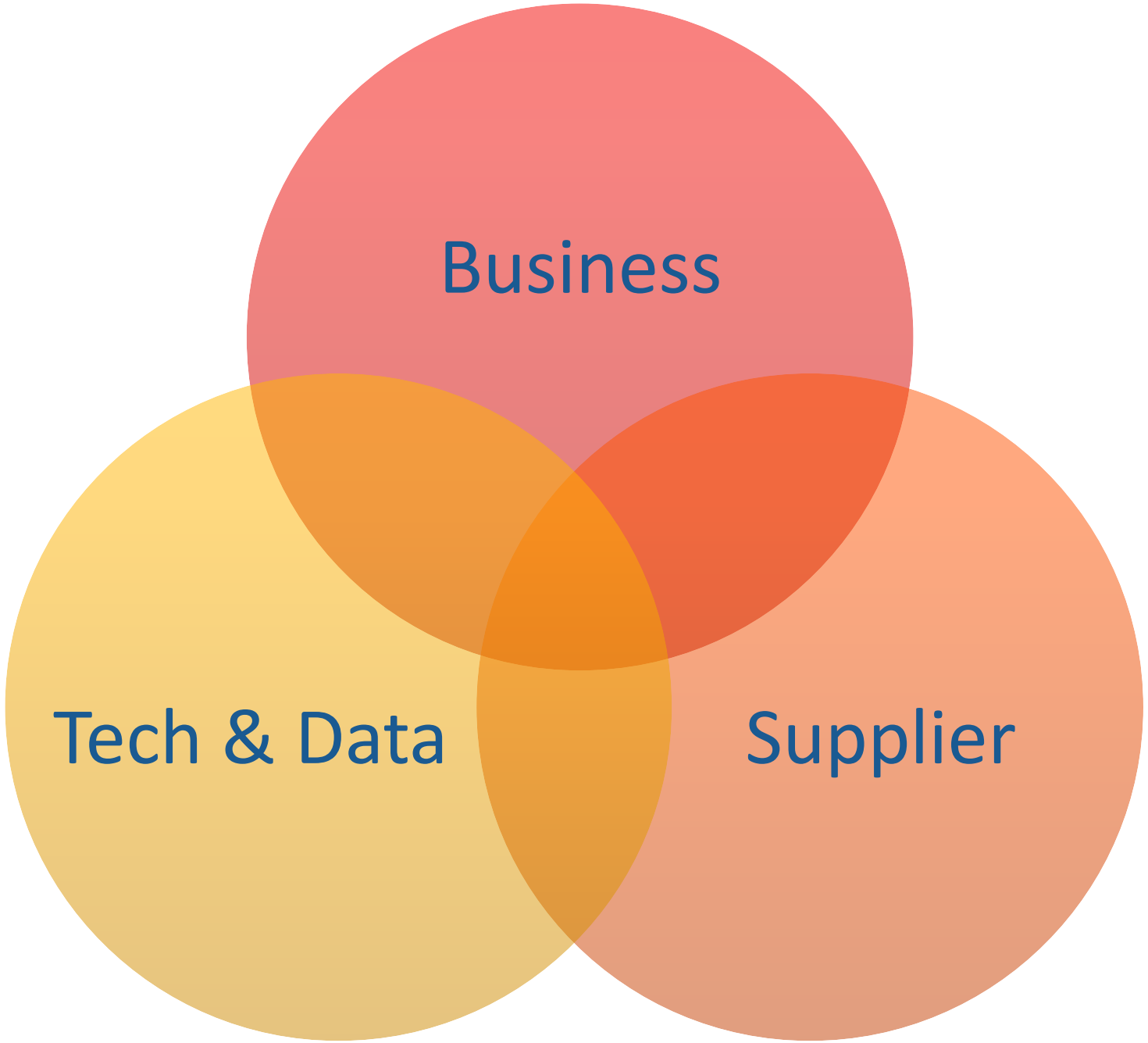
To achieve this we will...

- Continue aligning and standardising our Asset Hierarchies, processes and reporting, so that the move to a single system is easier and we can get value from it early on.
- Consolidate our existing systems and functionality to create a stable foundation for the future.
- Work with the business and asset areas to understand your needs and make Maximo work for you.

AMIS | Timeline and Progress



LUAMIS Project Structure



Lessons Learned

ALIGNED OBJECTIVES

ACCOUNTABLE AND ACTIVE BUSINESS LEADERSHIP

STRONG PROJECT MANAGEMENT

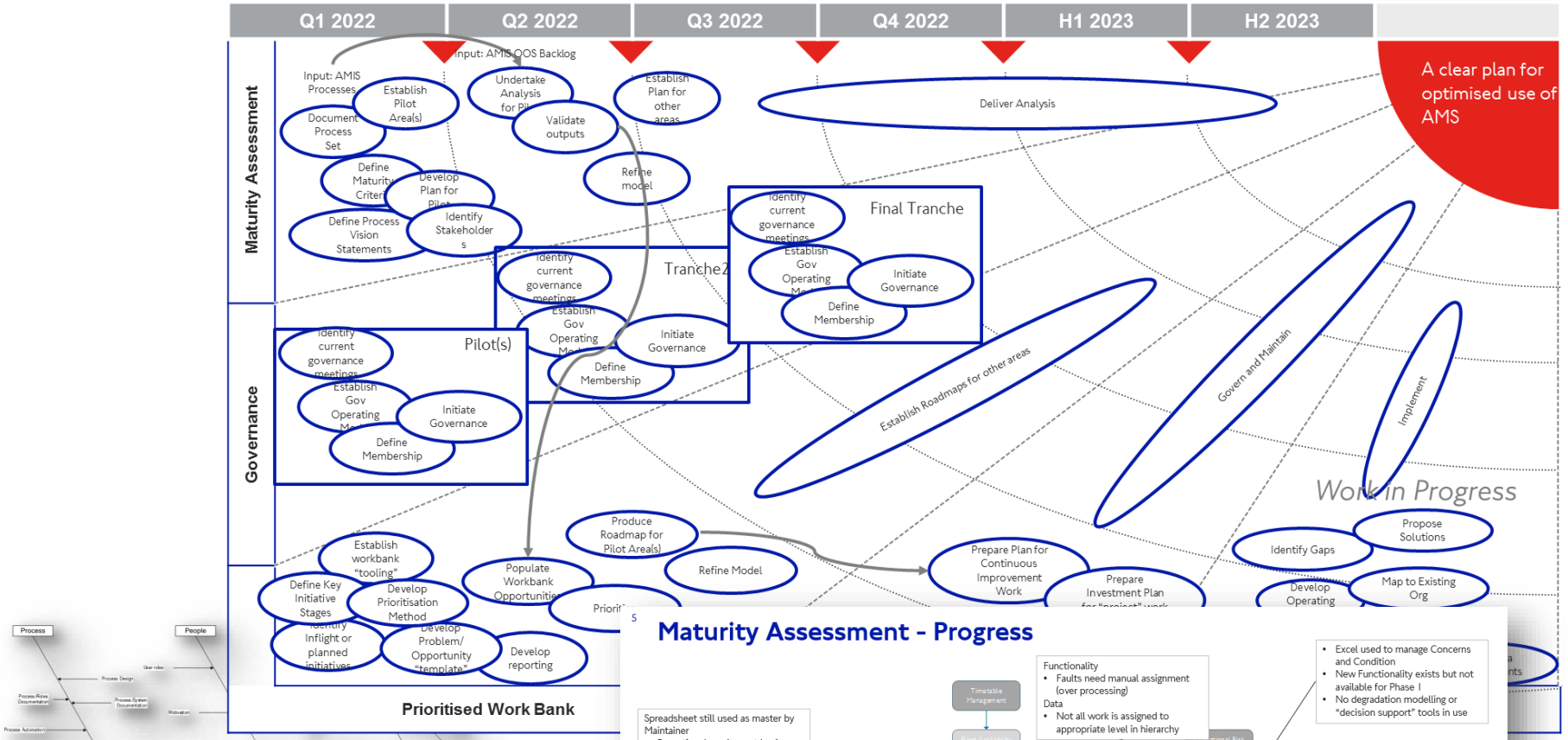
ENOUGH PEOPLE WITH THE RIGHT SKILLS

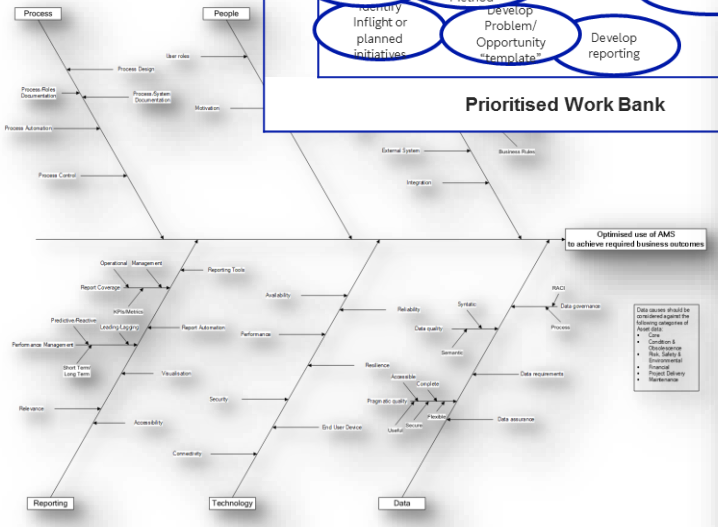
Planning, Problem Solving, Critical Thinking, Ownership, Leadership

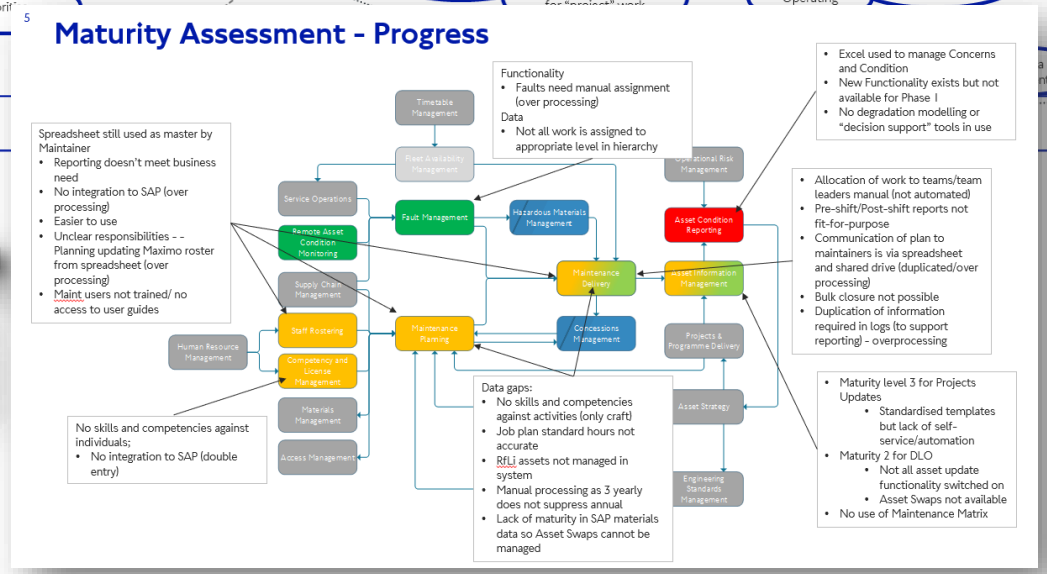
Post Go-live Time to embed

LUAMIS is part of a journey

Continuous improvement







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Thank You