



# RIIO-T3

## Investment Planner

A digital transformation of a manual process that allows users to manage their day-to-day tasks more efficiently.

Role: UX/UI Designer

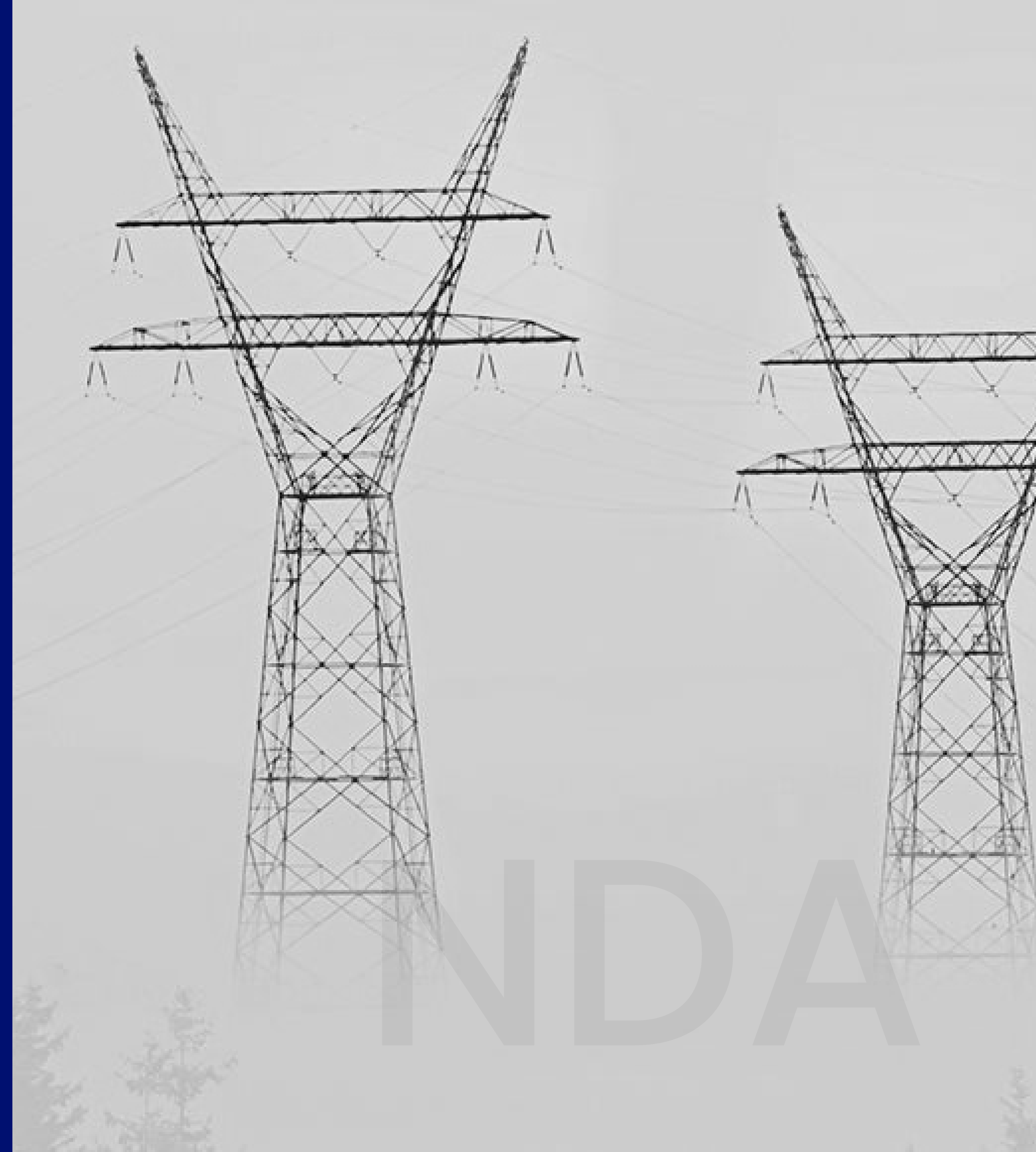


asset  
intelligence

| nationalgrid

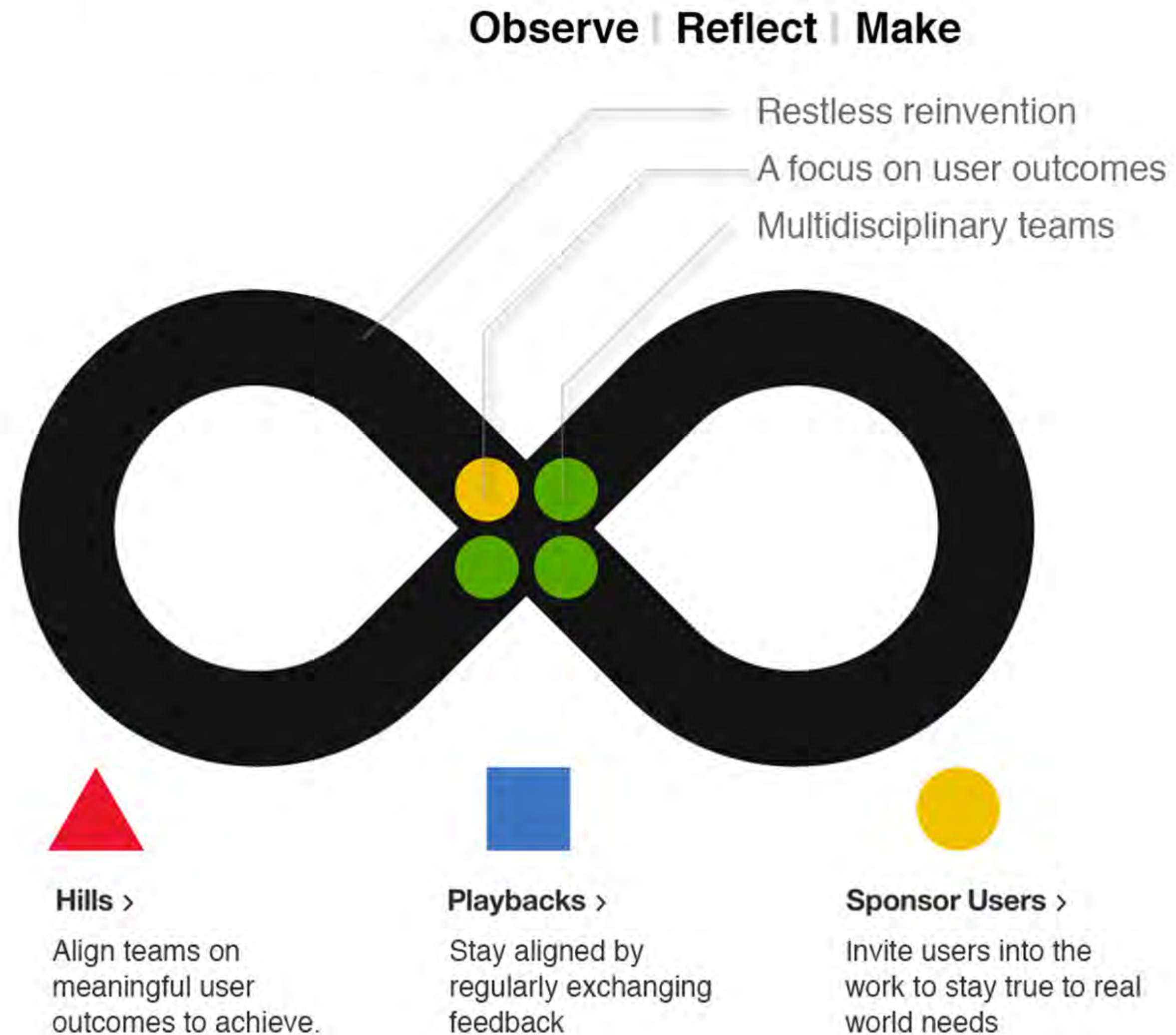
# Overview

- A manual process that is digitally transformed for helping employees to effectively do their daily duties.
- National Grid users can find and understand the health of assets helping to make the right decision for the network, creating and managing Portfolios.
- One platform for aggregating all Plan and proposal related details, managing them, and having a provision to compare one against each other to reach an informed decision on which proposal to carry forward for the plan.
- An overview of projected estimates and analysis based on site/circuit to create the best possible plan.
- The site/circuit-specific analysis and forecasted estimations are considered to create the most practical plan.



# Design Process

IBM Design Thinking is a scalable framework to help teams understand and deliver continuously. You begin by making a conscious commitment, as a team, to prioritise your users over other, sometimes competing, business concerns.



AND

## Observations

Ability to compare Investment on different attributes and parameters. This will help inform the investment decision making process as to which Investments should go into the investment proposals.

The stakeholders to see a wholistic picture of the proposed Network changes and identify items such as duplication across Delivery Vehicles / Schemes etc.

NDA

## Interviews


- Discuss the unique needs and pain points with Stakeholders, managers.
- Investigate the root causes of the identified product issues.


## Primary Research


To fully understand user behaviours, procedures, and difficulties observe and engage with users in their natural environments.




# Pain Points

- **Limited Visualisation**

Spreadsheets are primarily designed for data and numerical information, making it challenging to visually represent the product. This limitation can hinder the ability to convey complex design concepts or user experiences effectively.
- **Lack of Collaboration**

Spreadsheets may not be the best platform for collaborative design work. Design is a multidisciplinary effort involving various stakeholders, and relying solely on spreadsheets can make it difficult for team members to contribute and share their insights in a real-time, interactive manner.
- **Inefficient Iteration**

Design often involves multiple iterations and changes based on feedback. Making frequent updates to a spreadsheet may become cumbersome and time-consuming, slowing down the design iteration process and potentially leading to errors.
- **Challenges in Scaling**

As the complexity of the design project increases, managing and organizing information in a spreadsheet becomes more challenging. The lack of specialized design tools may impede the scalability of the design process.



The task of manually maintaining, updating, and examining the spreadsheets was challenging for National Grid users, and this process was designed to provide a digital product. Since the manual method has taken more time and most times it was tough to accomplish on time.

[illegible]

This tool allows employees to create and manage investment proposals, view site strategy drivers, review proposals across delivery vehicles, and see the plans that are carried over into the RIIO-T3 submission.

### Select Filters

🔍 Search by Substation name and Location Name

Search

Locations: 357 | Substations: 638

LAST UPDATED: 11 NOV 23

AO DRIVER

CC DRIVER

NEPTUNE DRIVER

## T2 OUTSTANDING WORK

Reques

R110-T2

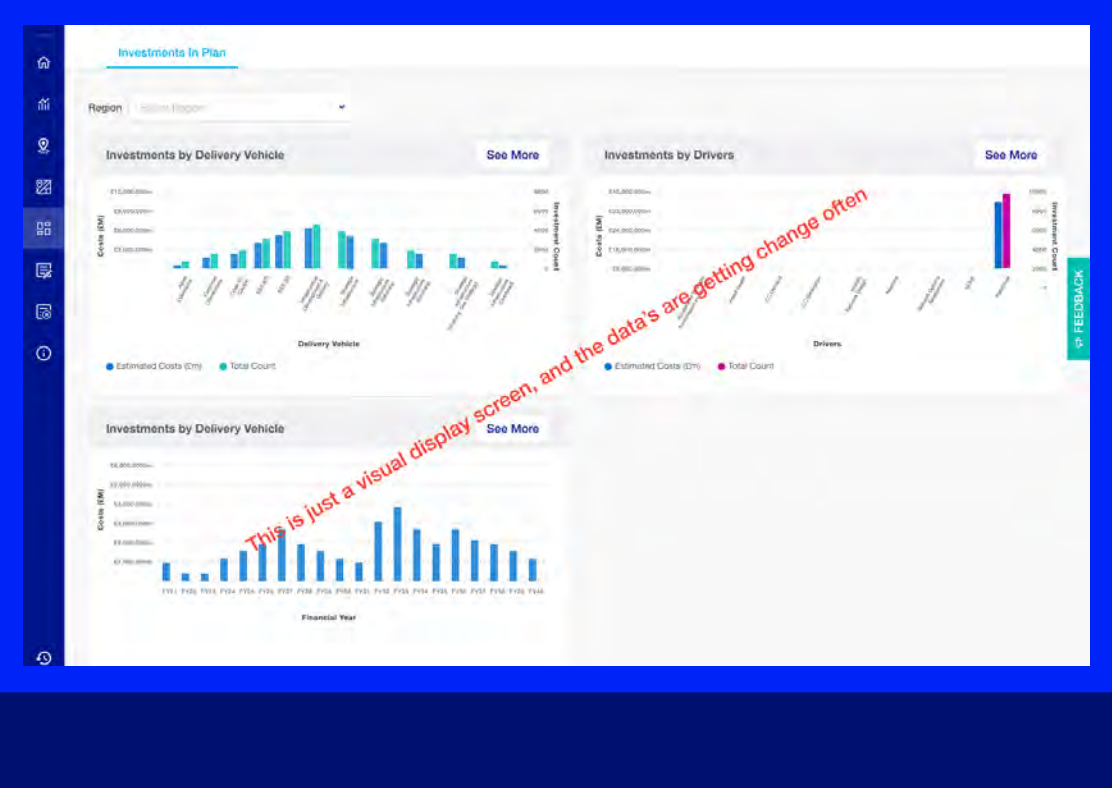
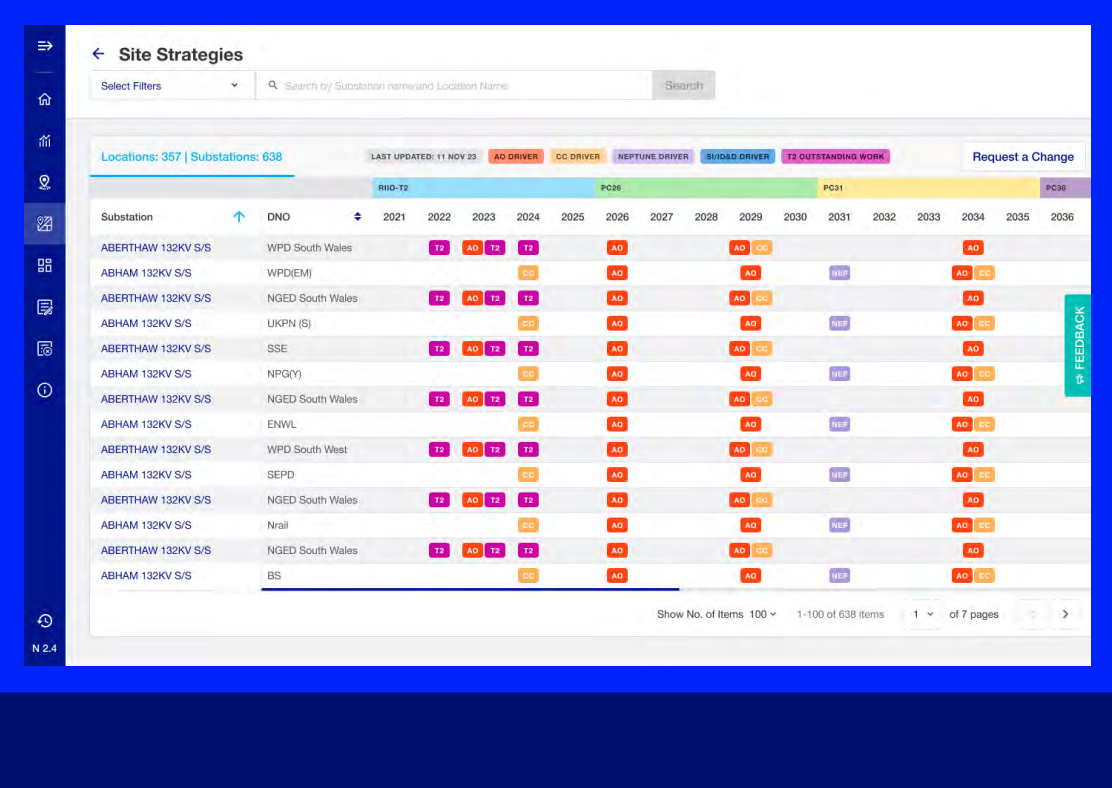
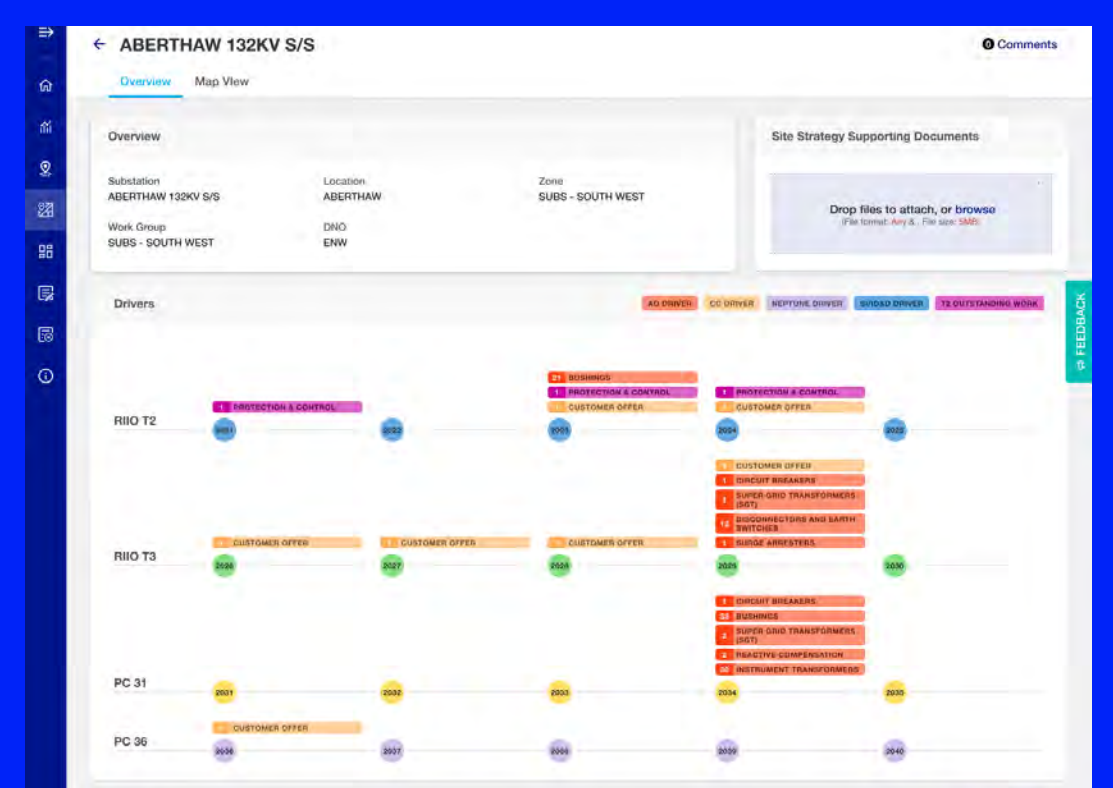
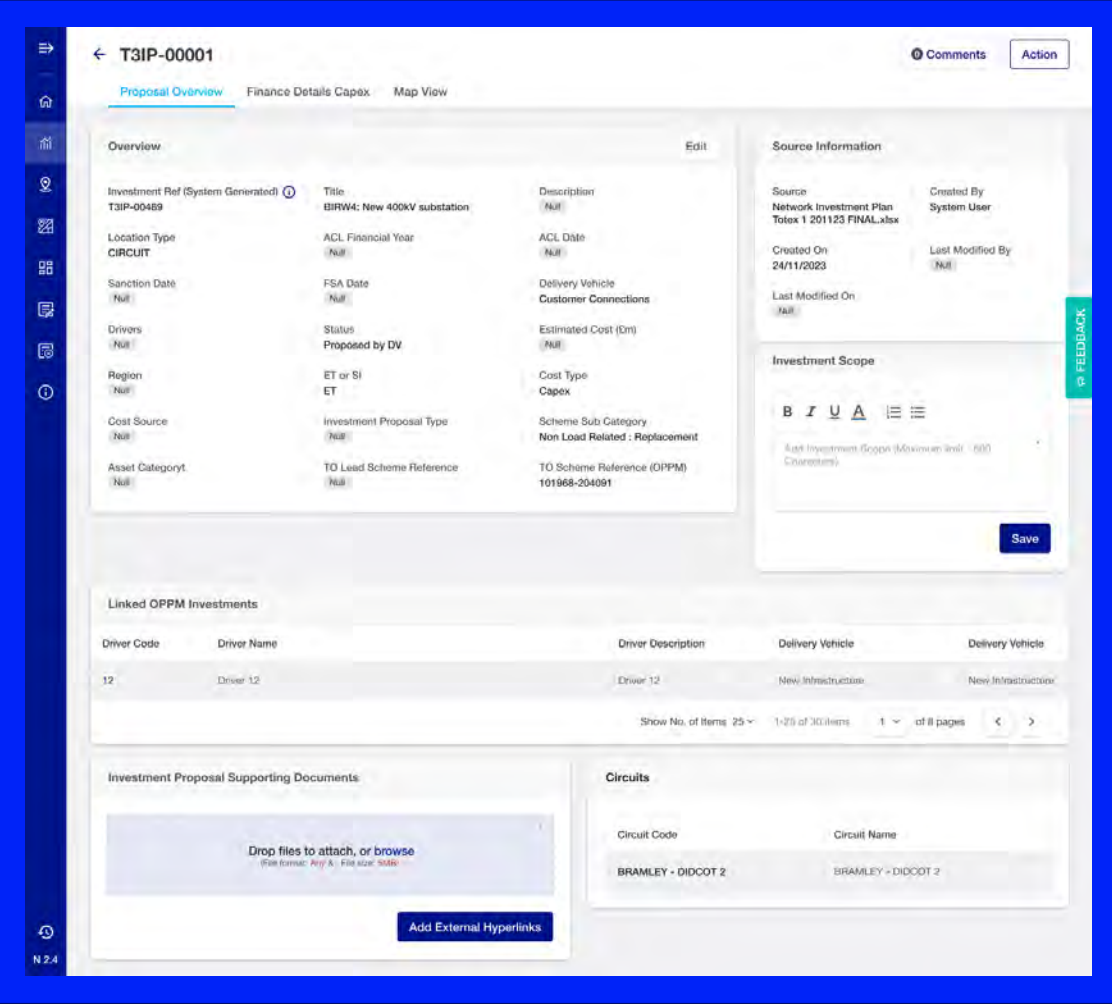
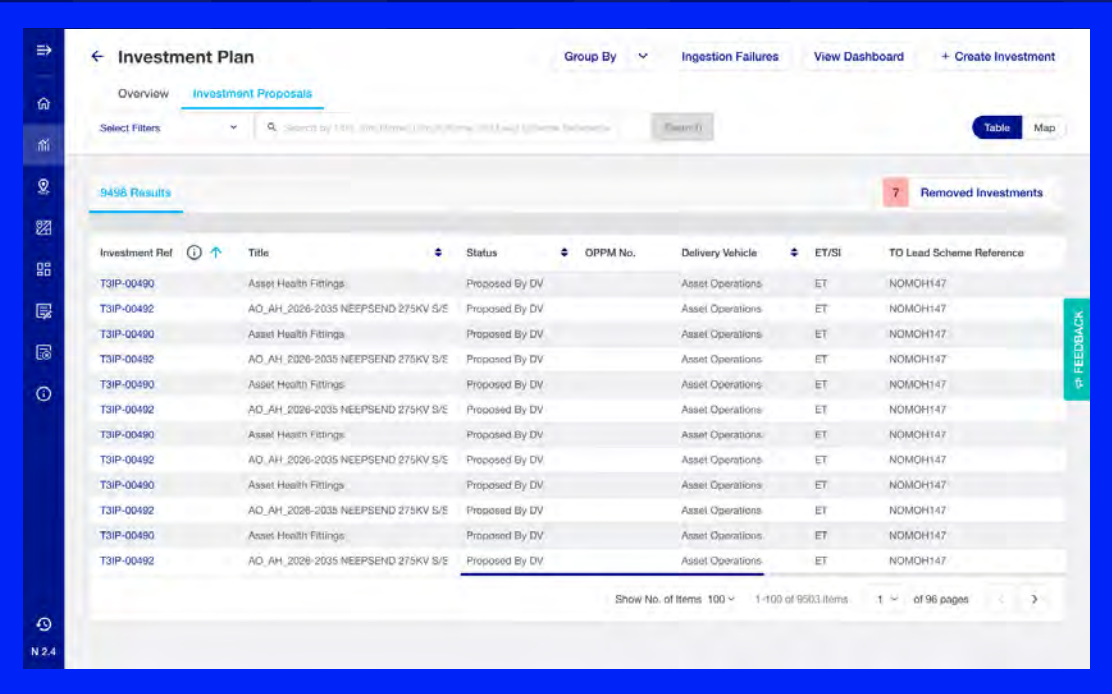
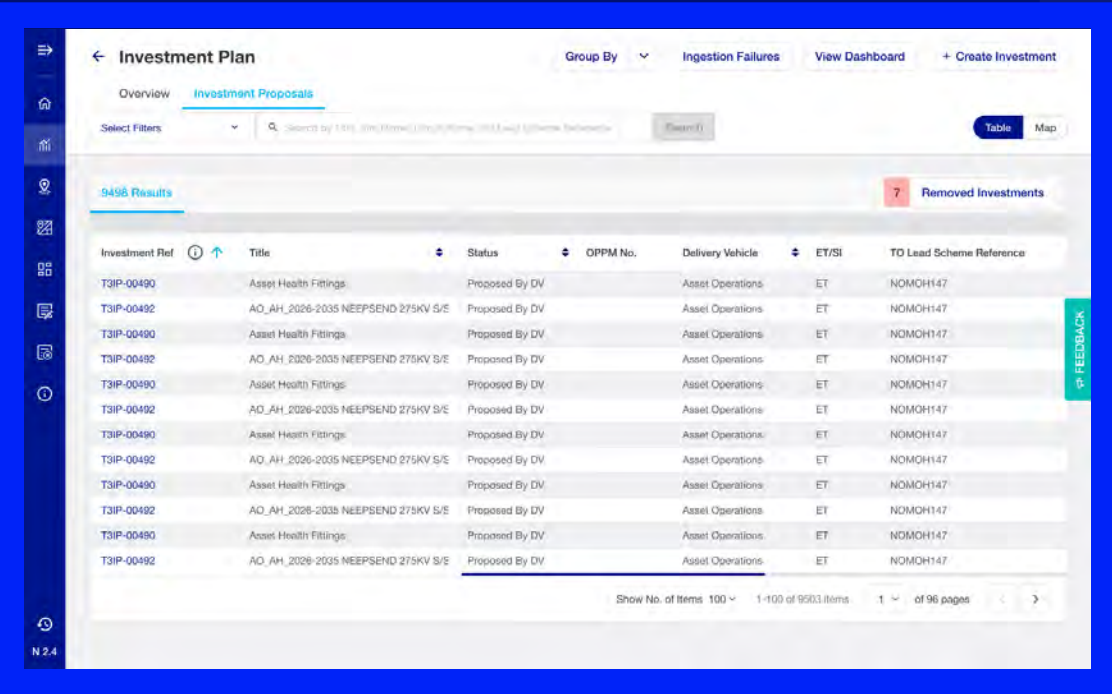
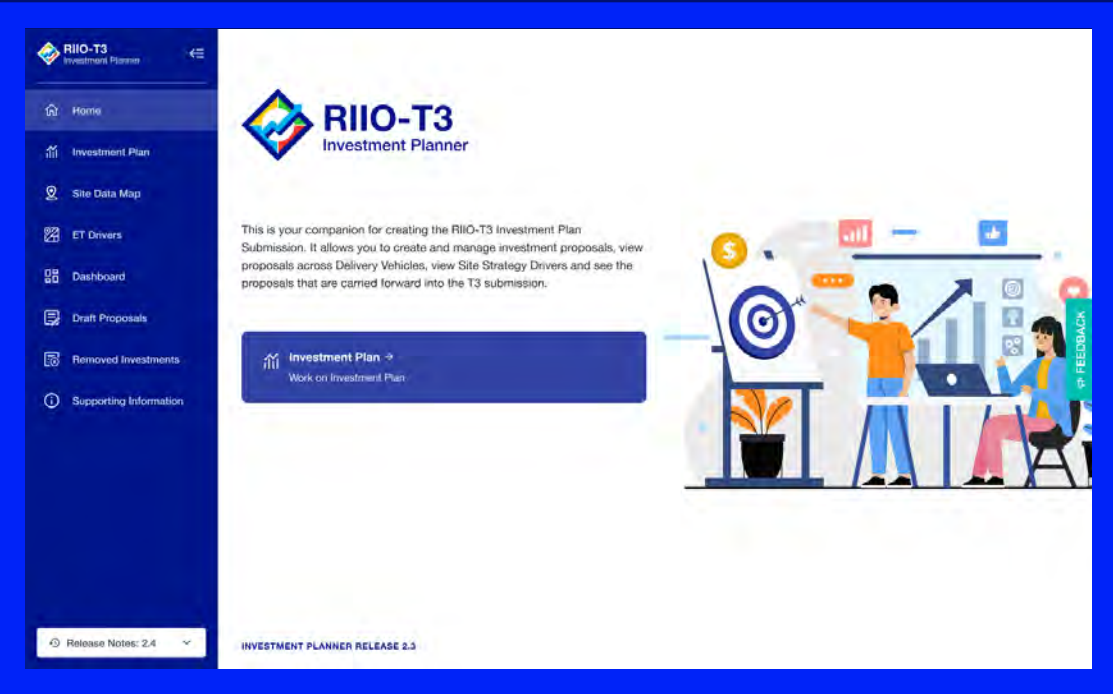
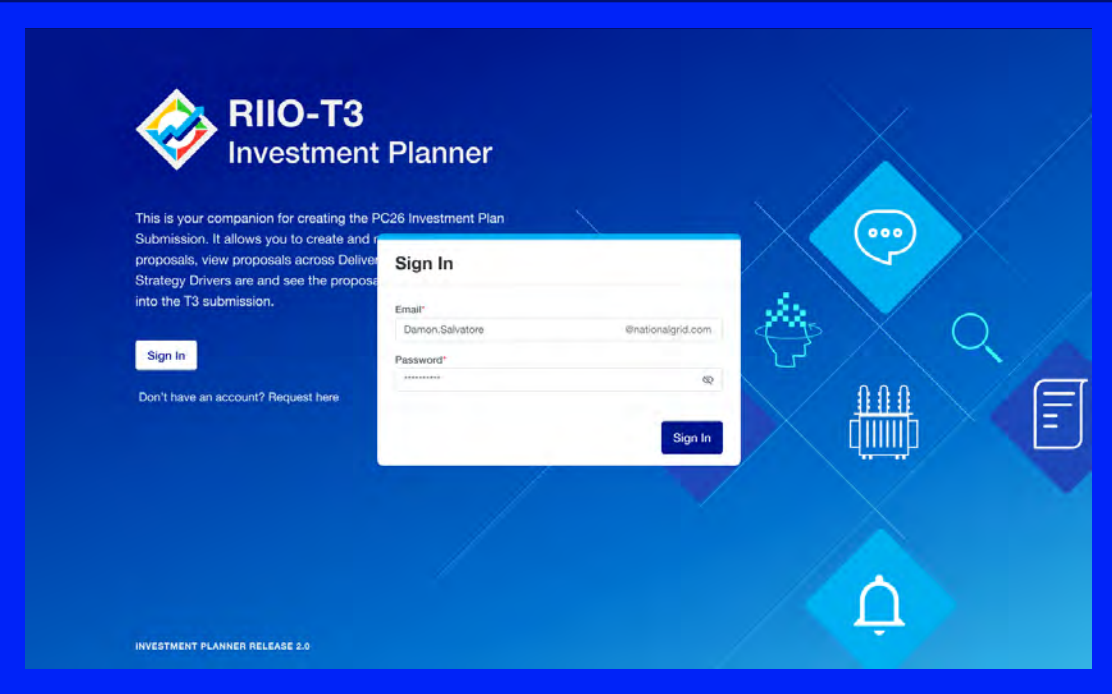
PC26

PC31

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ABHAM 132KV S/S	WPD(EM)					CC			AO			AO			AO	CC	
ABERTHAW 132KV S/S	NGED South Wales		T2	AO	T2	T2			AO			AO	CC			AO	
ABHAM 132KV S/S	UKPN (S)					CC			AO			AO			AO	CC	
ABERTHAW 132KV S/S	SSE		T2	AO	T2	T2			AO			AO	CC			AO	
ABHAM 132KV S/S	NPG(Y)					CC			AO			AO		NEP		AO	CC
ABERTHAW 132KV S/S	NGED South Wales		T2	AO	T2	T2			AO			AO	CC			AO	
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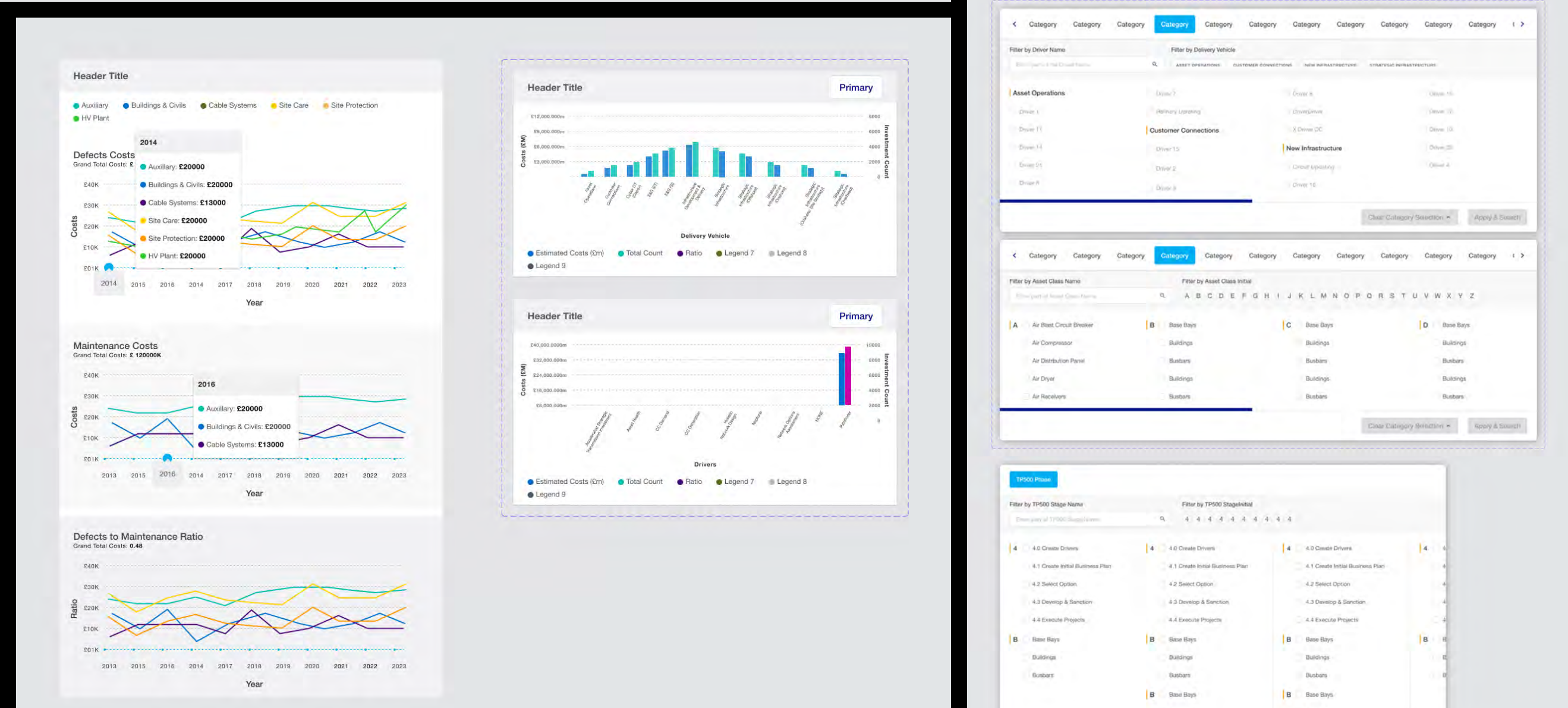


# Final Designs





# Design Systems



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Filter by Driver Name

Filter by Delivery Vehicle

Asset Operations

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# Conclusion

- This product can create and manage Portfolios in Asset Intelligence and find out the health of your assets to assist you make the best decision for the network.
- Create, maintain, share, add intervention decisions, and more. There are two kinds of sharing: sharing with me and sharing with others.
- This is companion for all the needs around managing ET network investments.
- Investigate the network, develop investment drivers, make investment ideas, and work on putting together the overall investment plan for the upcoming submission.

