



RIIO-T3 Investment Planner

A digital solution that transforms manual task management by centralizing plans and proposals, enabling users to analyze, compare, and choose the best options efficiently.



asset
intelligence

| nationalgrid

Problem Statement

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.

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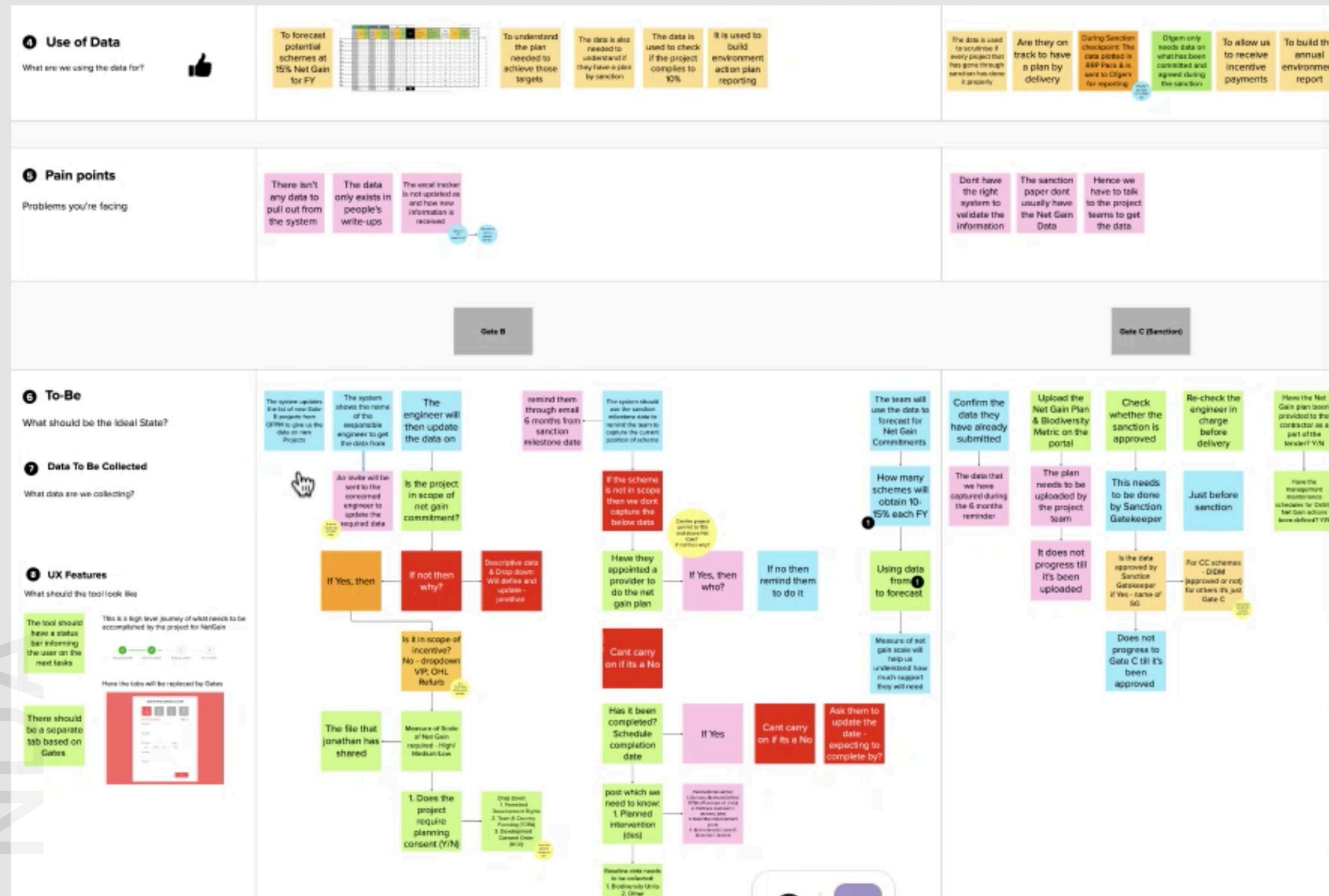
Goal

National Grid needed a better way to **manage** asset health and plan investments. They wanted a digital tool to help teams **build, compare, and prioritize plans** using real data—making planning faster, clearer, and more accurate. Users can view and understand the **health of assets**, helping them make informed **decisions** for the network while creating and managing portfolios. Asset Intelligence (AI) is a module within Electricity Transmission (ET).

- **Role:** UX/UI Designer
- **Responsibilities:** Research, Wireframe, Prototyping, Usability Testing, Collaboration
- **Team:** 1 UX/UI Designer, 8 Developers, 1 Project Manager
- **Tools:** Mural, Figma
- **Project Duration:** 6 Months

User Interviews

From our discussions with key stakeholders, project managers, and journey owners, we uncovered valuable insights into their workflow challenges.



We conducted a **collaborative Mural board session** with all users to **identify key challenges in the current workflow**. The session revealed major pain points, including lack of asset health monitoring, inefficient network decision-making, and fragmented teams and processes. Users also highlighted difficulties in managing network portfolios, limited planning capabilities, and poor data sharing. Overall, the process underscored a reactive rather than proactive approach to asset and network management.

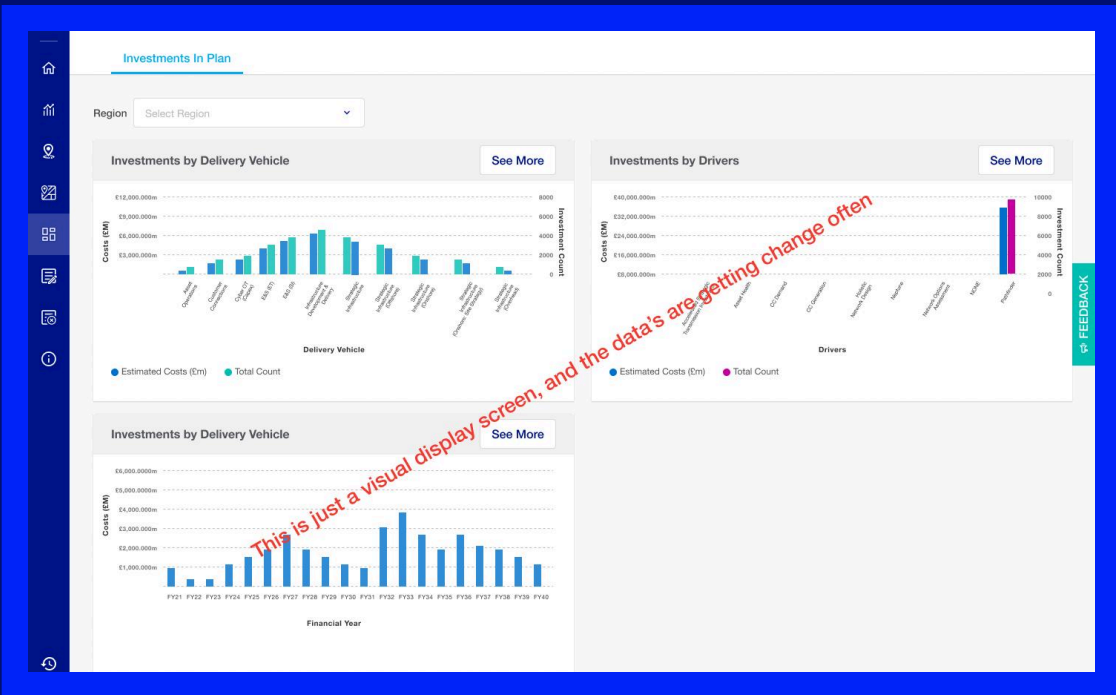
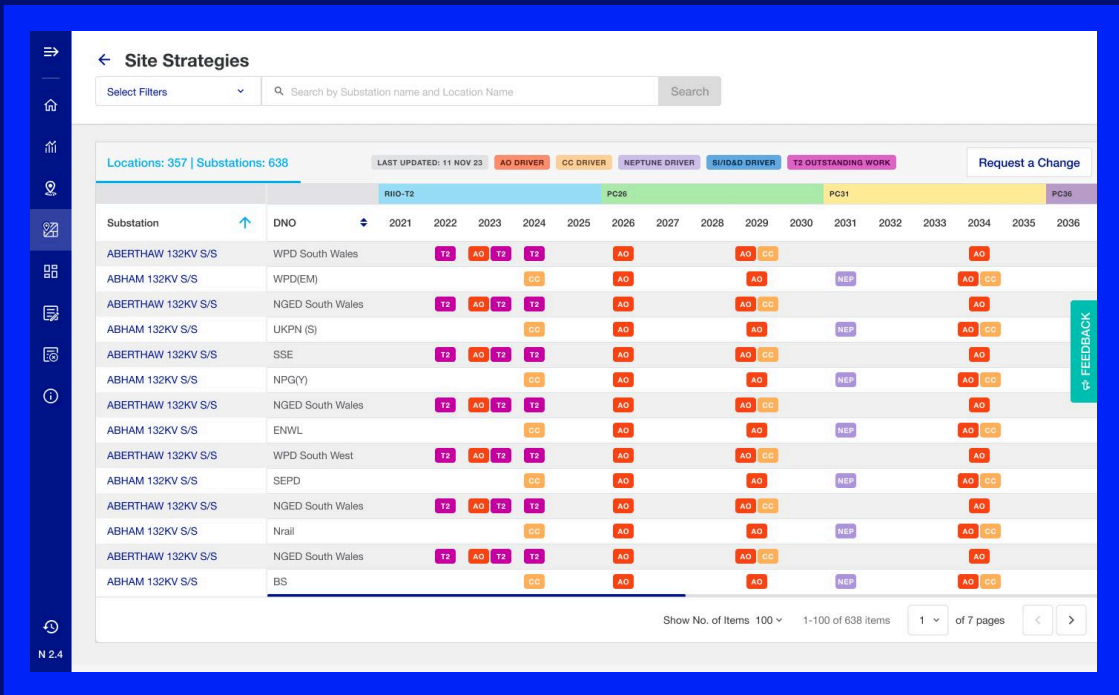
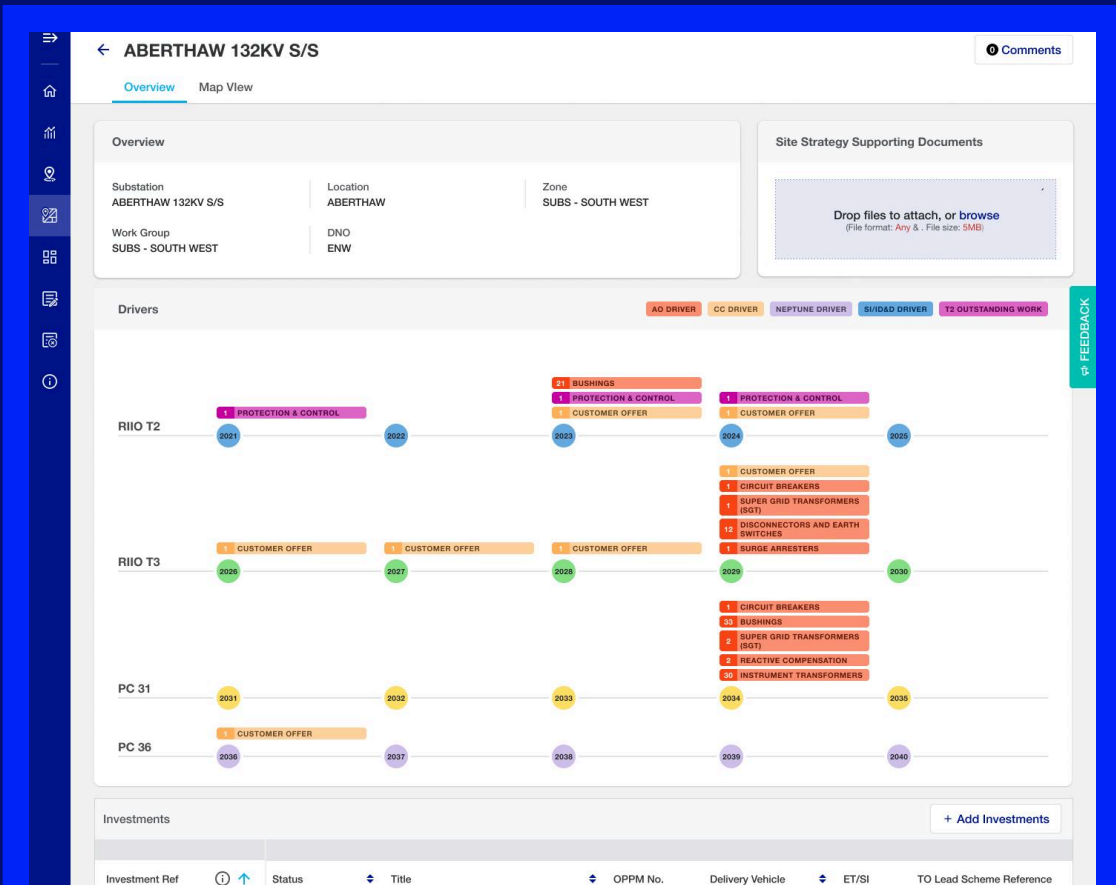
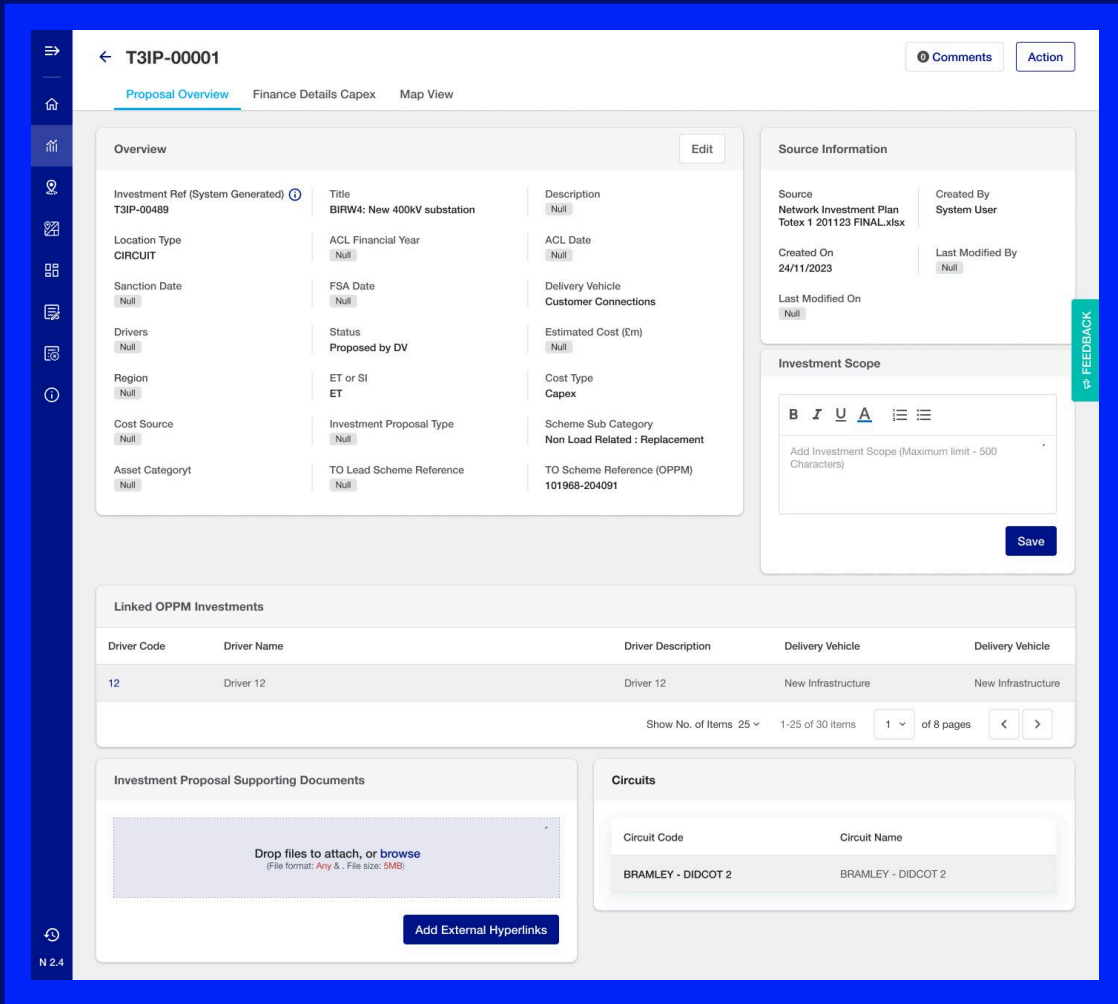
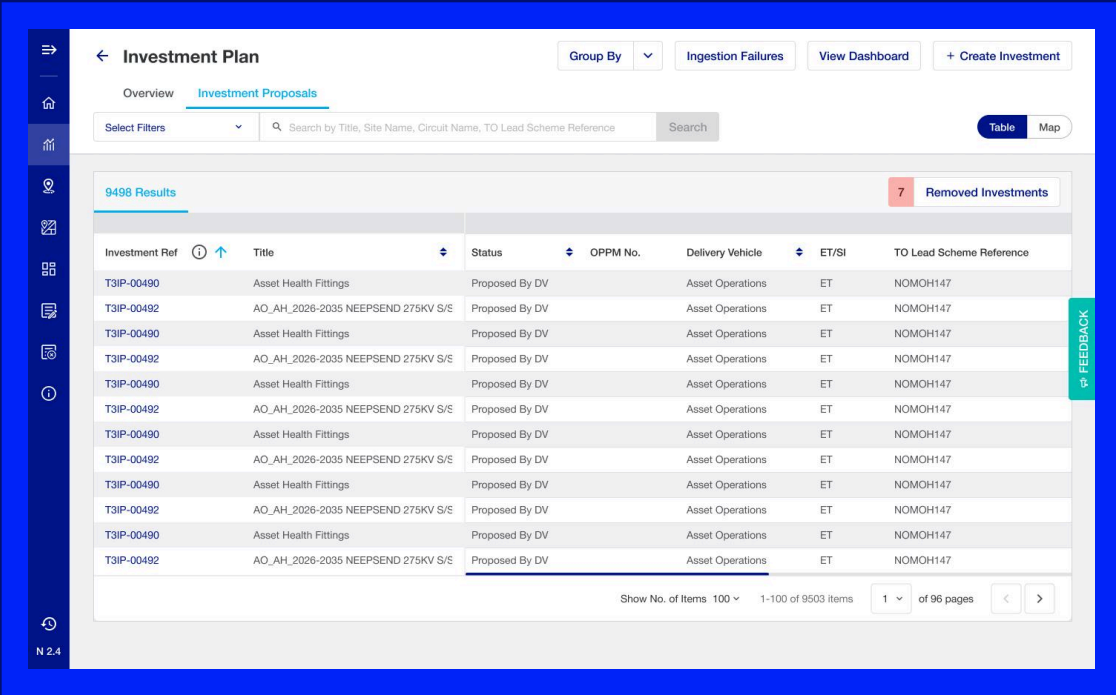
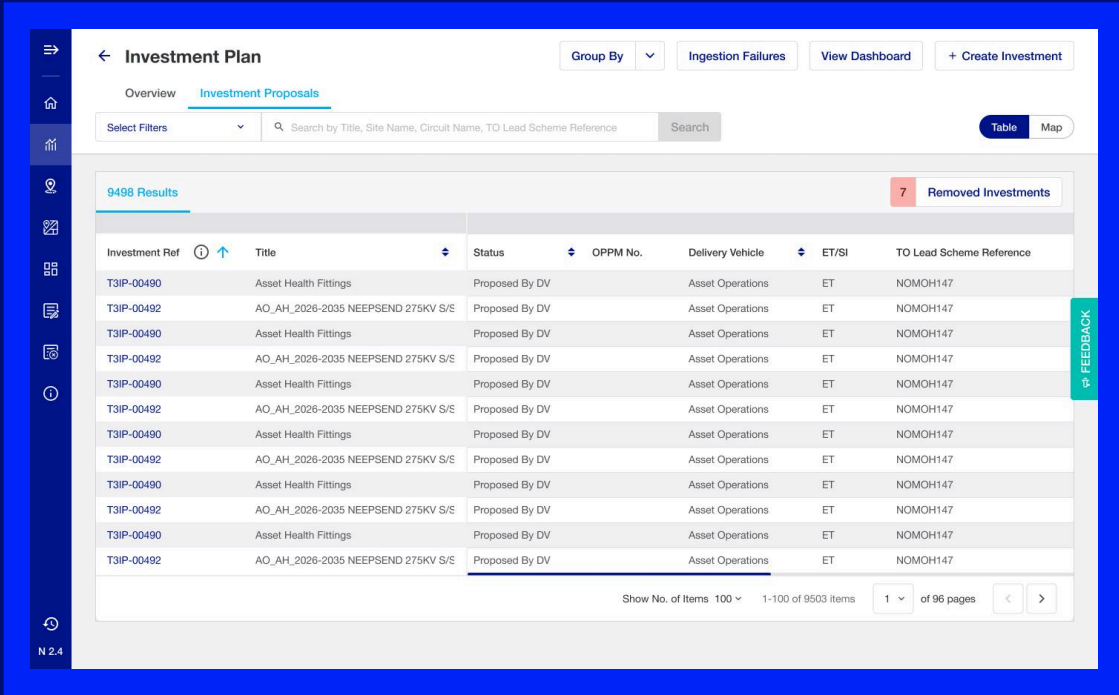
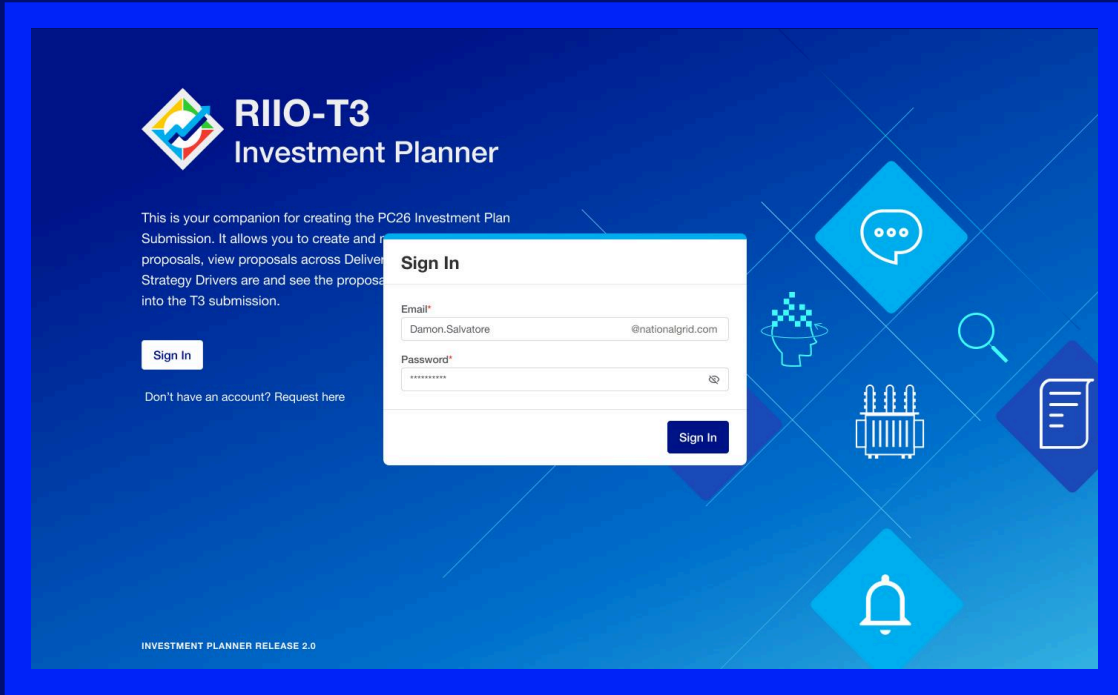
Insights from Research

1. Lack of Asset Health Monitoring
2. Inefficient Network Decision-Making
3. Portfolio Management Difficulties
4. Limited Intervention Planning
5. Fragmented Teams and Processes
6. Inadequate Data Sharing and Collaboration
7. Reactive Approach to Asset Management

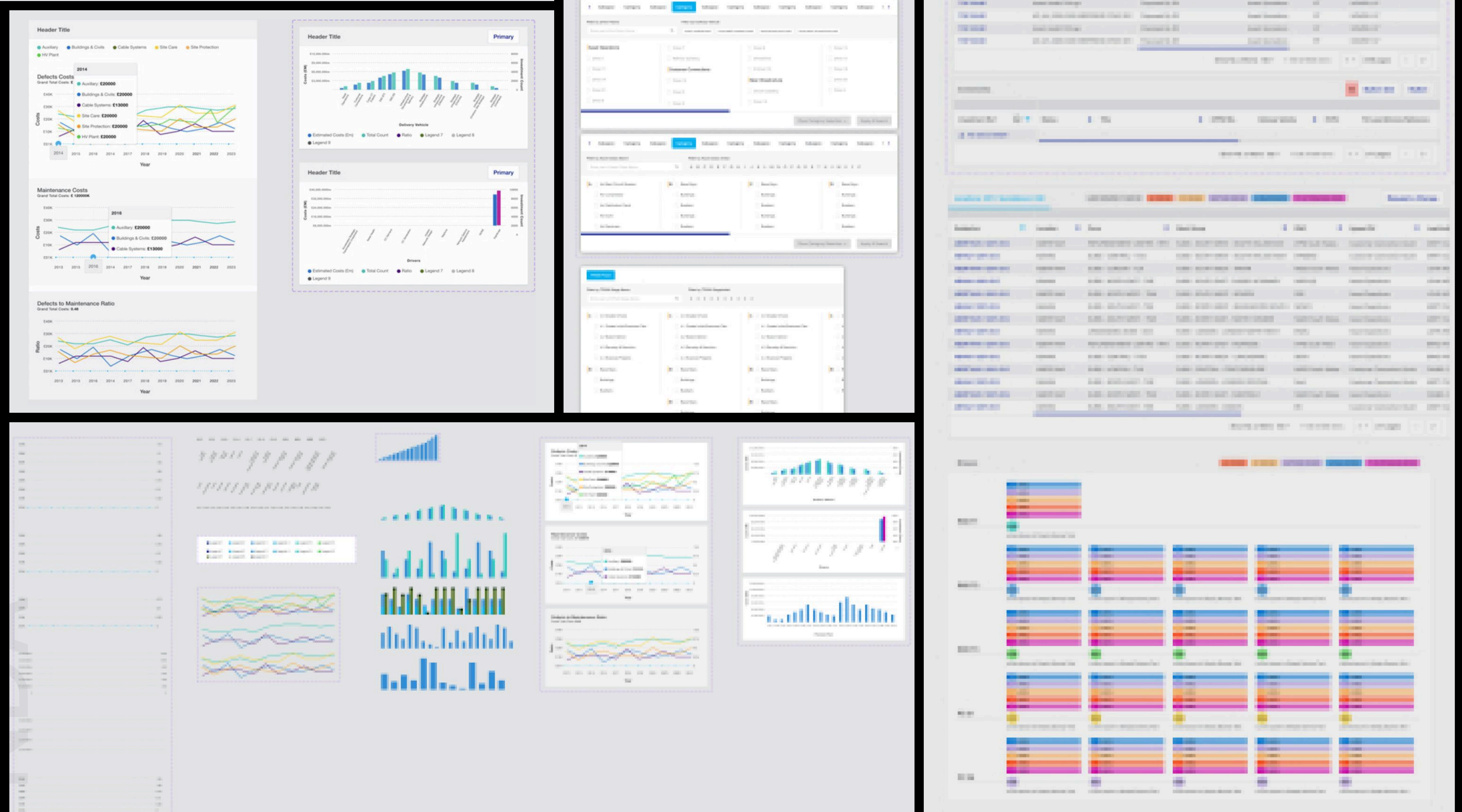
User Needs

- They emphasized the **need** for a comprehensive overview of planned estimates and detailed analysis segmented by site or circuit, which is crucial for crafting the most effective plans.
- Their **idea** centers around creating a unified platform that consolidates all planning and proposal data, allowing seamless management and enabling side-by-side comparisons of different proposals. This capability would empower them to make well-informed decisions about which proposals to advance.
- Ultimately, this digital transformation **aims** to replace the existing manual process, significantly enhancing users' ability to manage daily tasks with greater accuracy and efficiency.

Hi-Fi Designs



Design Systems



Logo Options



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SELECTED

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Final Screen

- Stakeholder Demos: Internal and external presentations
- Specs & Assets: Delivered to developer

Note: The working file was developed within the client's secure environment. As a result, prototype links are no longer accessible outside that environment.

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