national**grid**

RIIO-T3

ET3 Atypical Non-Load, Non-Lead Interventions EJP Summary

Enterprise Delivery Management

Digitalization

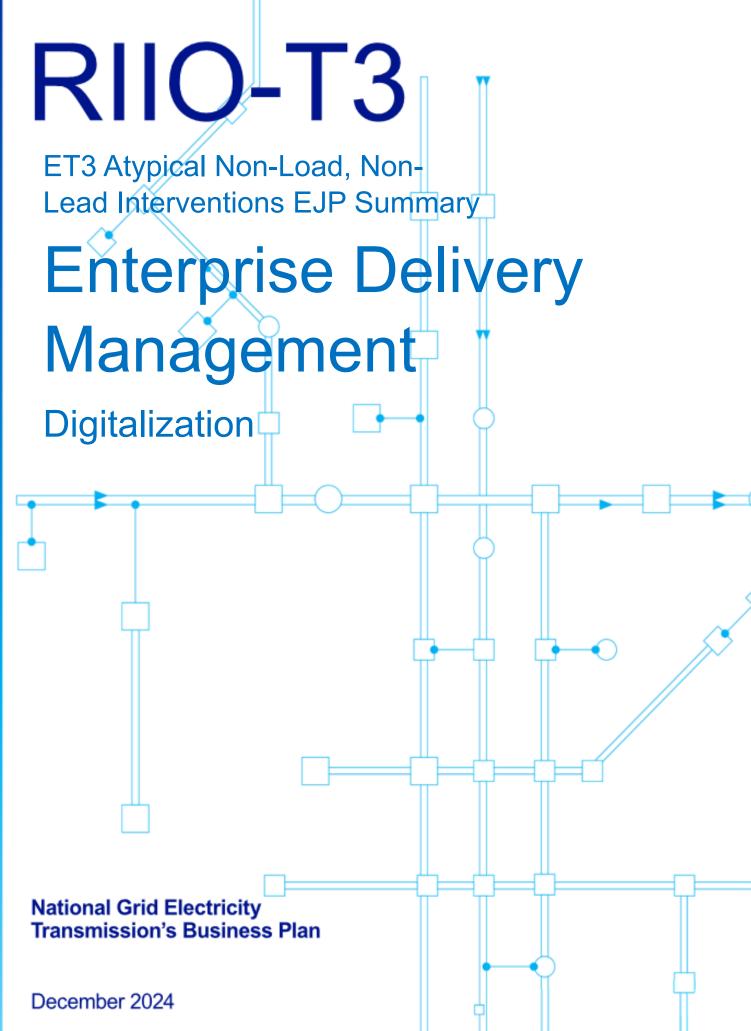**National Grid Electricity Transmission's Business Plan**

December 2024

Enterprise Delivery Management - Investment Summary

This investment seeks to enhance the Enterprise Delivery Management capability of the National Grid Electricity Transmission (NGET), aiming to improve the efficiency and scalability of work delivery while maintaining the integrity of the Electricity Transmission Network. The focus is on leveraging digital tools and data to enhance operational effectiveness, adaptability, and strategic decision-making capabilities. This investment will target six interdependent capabilities: Planning, Portfolio Management, Resource Management, Competency Management, Strategic Workforce Planning, and Work Management.

Drivers for Digital Investment

The extensive expansion of the transmission network to incorporate new renewable energy sources necessitates the transformation of project delivery and management approaches. The imperative to deliver an increased volume and complexity of work requires a comprehensive data-driven view of progress through the delivery lifecycle, resource management, and strategic alignment with long-term energy goals. Advanced digital tools and AI will facilitate a comprehensive, data-driven overview, reducing risks and maximizing efficiency.

Options Considered

The optioneering analysis evaluated various options using market data, industry benchmarks, and benefits analyses. Options considered included retaining current solutions, increasing in-house build and extending the usage of the existing platform and implementing an integrated digital solution with enhancements.

Preferred Option

Our preferred option is the most cost-effective, leveraging digital tools to provide a unified view of work programmes, advanced data analysis, AI capabilities, and strategic regional planning. It ensures optimal project selection, improved resource management, and enhanced operational efficiency.

The preferred solution proposes the implementation of fully integrated digital Enterprise Delivery Management solutions and enhancements. The six capabilities will integrate to create a digitally cohesive environment covering Planning, Portfolio Management, Resource Management, Competency Management, Strategic Workforce Planning and Work Management.

Timeline

The roadmap outlines the order in which the capabilities will be built to achieve the overall vision, adjusted through the product development process with continuous stakeholder feedback. Key milestones include building on our foundational planning capability, integration of further EAM capabilities, and strategic investments in Competency Management and Resource Management.

Conclusion

The delivery of integrated and programmatically accessible platforms under the RIIO-T2 programme is crucial for enhancing work and competency management capabilities. By adhering to the proposed roadmap, NGET aims to build these capabilities, ensuring stakeholder feedback guides priorities, and maximizing consumer value. Continuous evaluation and adaptation will be key to success, ultimately fostering a more efficient and integrated operational framework.