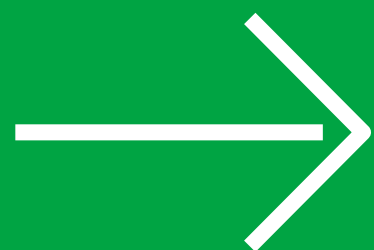




Digitalisation Action Plan SP Transmission

June 2026



Contents

Our Digitalisation Strategy & Action Plan

6 Month Highlights

Stakeholder Engagement

Our Digital Pillars

T2 Project Updates

T3 Project Updates

RIIO-T2 Programme Summary

Data Best Practice

Our Digitalisation Strategy & Action Plan

To support the successful completion of SP Energy Networks [RIIO-T2 business plan](#) goals and commitments and the commencement of RIIO-T3 business plan, we have developed our [Digitalisation Strategy and Action Plan \(DSAP\)](#) which has been designed to align with [Ofgem’s DSAP guidance & principles](#), ensuring transparency, accuracy, and accessibility of our digital products and services.

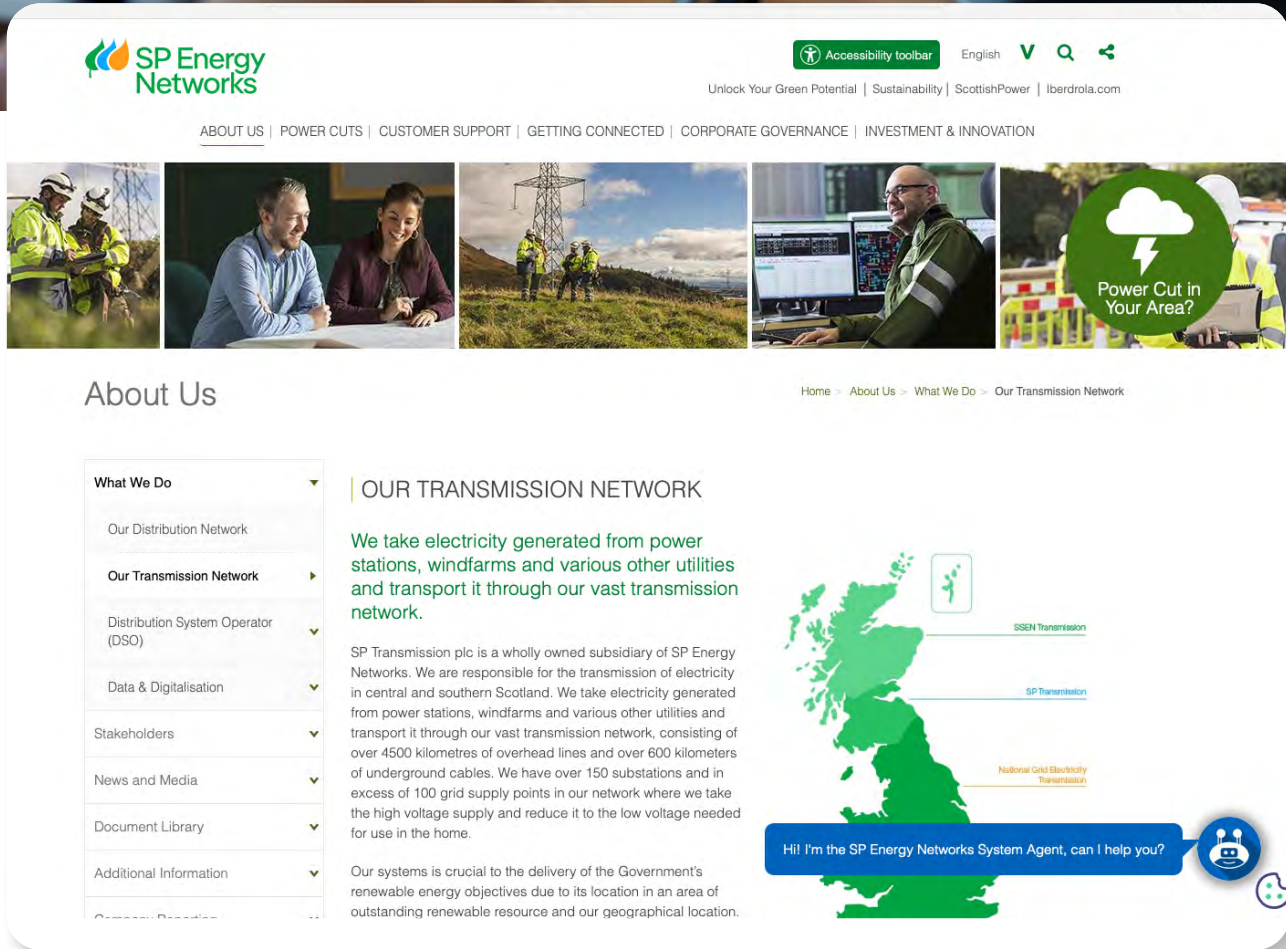
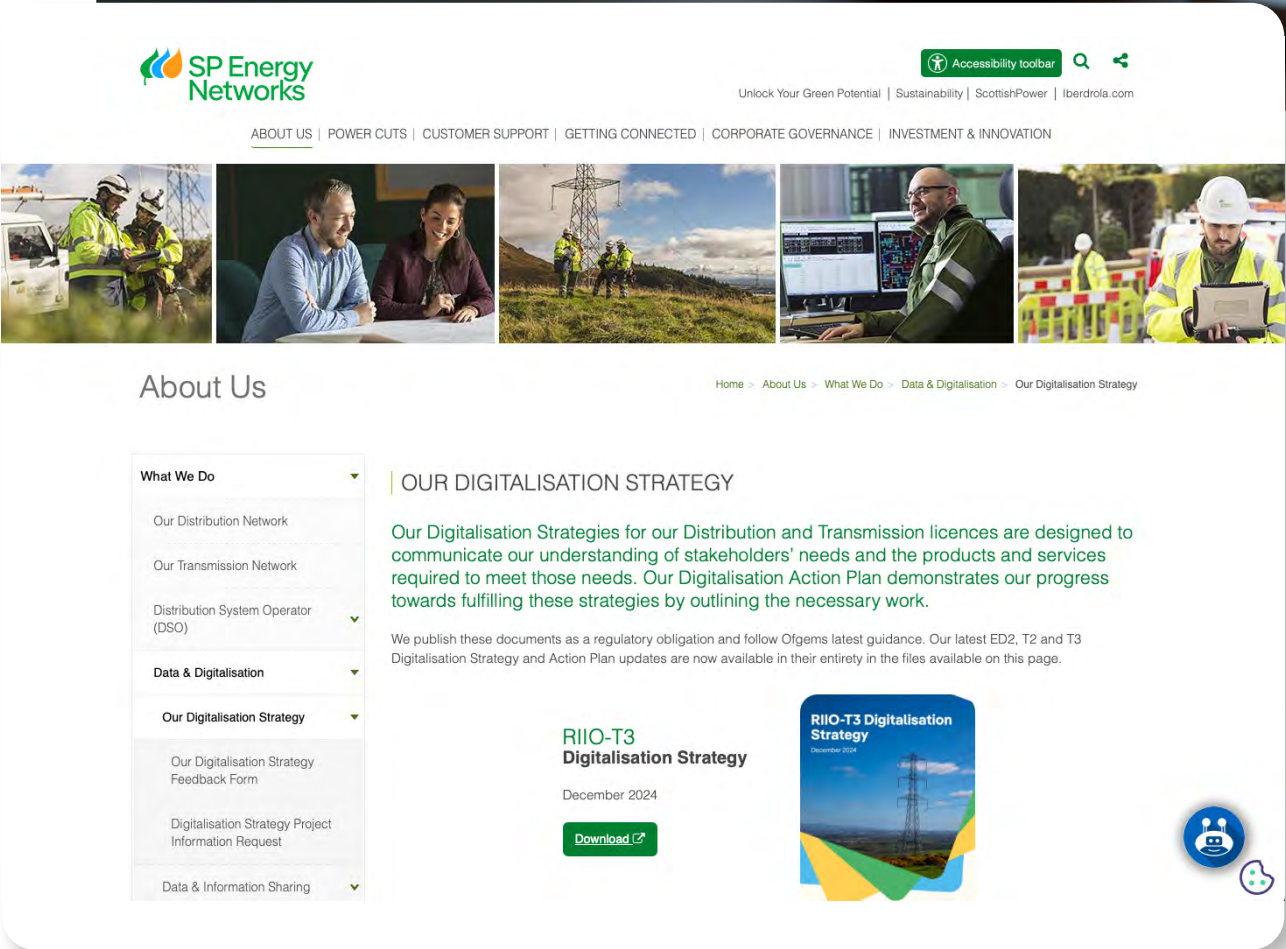
Our previous T2 [digitalisation strategy](#) and our most recent [T3 digitalisation strategy](#) outline the vision, goals, and benefits of digitalisation, focusing on the “why” and “what” of our initiatives. It prioritises providing benefits to stakeholders and the public interest, taking full advantage of opportunities to deliver benefits early and iterate improvements to products and services. The strategy is informed by stakeholder engagement, ensuring that our products and services meet the needs of our customers and stakeholders.

This [digitalisation action plan](#) details the steps and progress in closing down all RIIO-T2 projects and the initiation of new RIIO-T3 projects, focusing on the “how” and “when” of our initiatives. It ensures visibility about the nature and status of actions, performance measurement, and stakeholder feedback.



This Digitalisation Action Plan

- Provides a view of the progress of delivering the initiatives within our digitalisation strategy.
- Is updated and published every 6 months detailing the progress made since the last update and the planned activities for the next 6 months.
- Describes the stakeholder engagement and feedback received over the past 6 months and how this has influenced our longer-term digitalisation strategy.
- Highlights the key deliverables completed during the RIIO-T2 period and the status of the RIIO-T3 deliverables currently in progress.
- Highlights the customer benefits that will be seen by the implementation of each of our digitalisation initiatives.
- Provides progress updates on our enhanced maturity with Ofgem’s Data Best Practice.



6 Month Highlights

BIM

BIM provides the digital integration of asset design, construction, management, and operation, connecting project delivery systems, sustainability data, 3D asset models, digital twin capabilities, and digital information for field-based teams.

In the last 6 months the BIM team have closed out the following T2 elements of this initiative.

Batch processing now possible due to enhancement of Projectwise to ACC migration tool. This has increased the migration capability across the SPT and SPM quality teams to speed up the migration from the Projectwise platform ahead of the December deadline.



Federation of models from SPT Drawing Office and external designers now possible through clash detection. This should lead to improved model quality being submitted, reduced process and re-work and increased project throughput across the design functions.



ACC Build information reporting and population dashboards now available. This should create better Management Information visibility across the Core and Strategic portfolio's and enhance reporting and project control.



Data Catalogue

We have carried out over 750 new Data Quality checks on our datasets in our Data Catalogue tool, Informatica. This provides us with a quantitative measure of our data quality that we can monitor and use to establish improvements plans where required. These checks were carried out for the datasets on our Open Data Portal and we publish the results, providing transparency for our stakeholders. You can access the data quality assessments on our [Portal](#).

750+
New Data
Quality checks
carried out on
our datasets

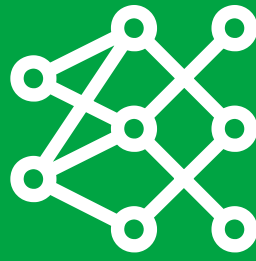


Open Data Portal

In the last six months, we have had over 30,000 data downloads on our Portal and have seen our API calls approximately double to 2 million.

This supports our improved API capability launched in the last 6 months. We have also had over 800 new registered users on our Portal, a 300% increase from the previous 6 months.

800
New Registered Users



30,000+
Data downloads on our portal.



CRM Enhancements

In 2023, SPEN introduced a Salesforce CRM to provide a solution that would allow a single view of our customer interactions to be held and managed through the Moments that Matter interactions. In the last six months, we have delivered a series of T3 enabling enhancements within Salesforce covering: Connections Reform readiness; User Experience improvements; and improvements to data access and visibility for our SPT teams.

142
User stories
delivered over an
18-week period

Over
300,000
data points
bulk updated

Eliminated the
need to export
to Excel/
PowerBI for
reporting



Stakeholder Engagement

At SP Energy Networks, stakeholder engagement is at the heart of our operations and strategic planning. Our approach is designed to foster meaningful interactions with our stakeholders, ensuring that their voices are heard, and their needs are met. This commitment to engagement was a cornerstone of our RIIO-T2 projects, continuing into our RIIO-T3 plans, reflecting our dedication to delivering value and accountability.

Customer Focus

Our primary focus is on our customers. We believe that understanding and addressing their needs is crucial to our success.

Through regular consultations, surveys, and feedback mechanisms, we gather valuable insights that help us tailor our services and improve customer satisfaction. This customer centric approach ensures that we remain responsive and adaptive to the evolving demands of our stakeholders.

Internal Stakeholder engagement

Before embarking on the T3 price control period, we held a series of workshops with key internal teams to validate the business plan and confirm that our priorities remained aligned with the organisation’s vision. These sessions provided an opportunity to challenge and refine proposed activities, ensuring that each initiative supported our strategic objectives. They also helped establish clear measures of success, enabling us to track progress and ensure that the delivery of the business plan achieves the intended outcomes and benefits.

Give us feedback

Your feedback, insight and views assist us in shaping our future plans. We would welcome your feedback on the steps we are taking to update and deliver our Digitalisation Strategy and Action Plan (DSAP). Your insight will be used to inform the development of our future plans.

[Give us Feedback >](#)

Request more information

We would be delighted to discuss our Digitalisation Strategy and Action Plan including any projects, initiatives, timescales, and more with you, and look forward to receiving your queries. If you have any questions regarding any of our current or future projects, please complete our feedback form.

[Request More Information >](#)

Empowering Stakeholders through Data Sharing



Our Improved Open Data Portal >

Improving Standardisation & Machine Readability >

Our stakeholder events and providing guidance >

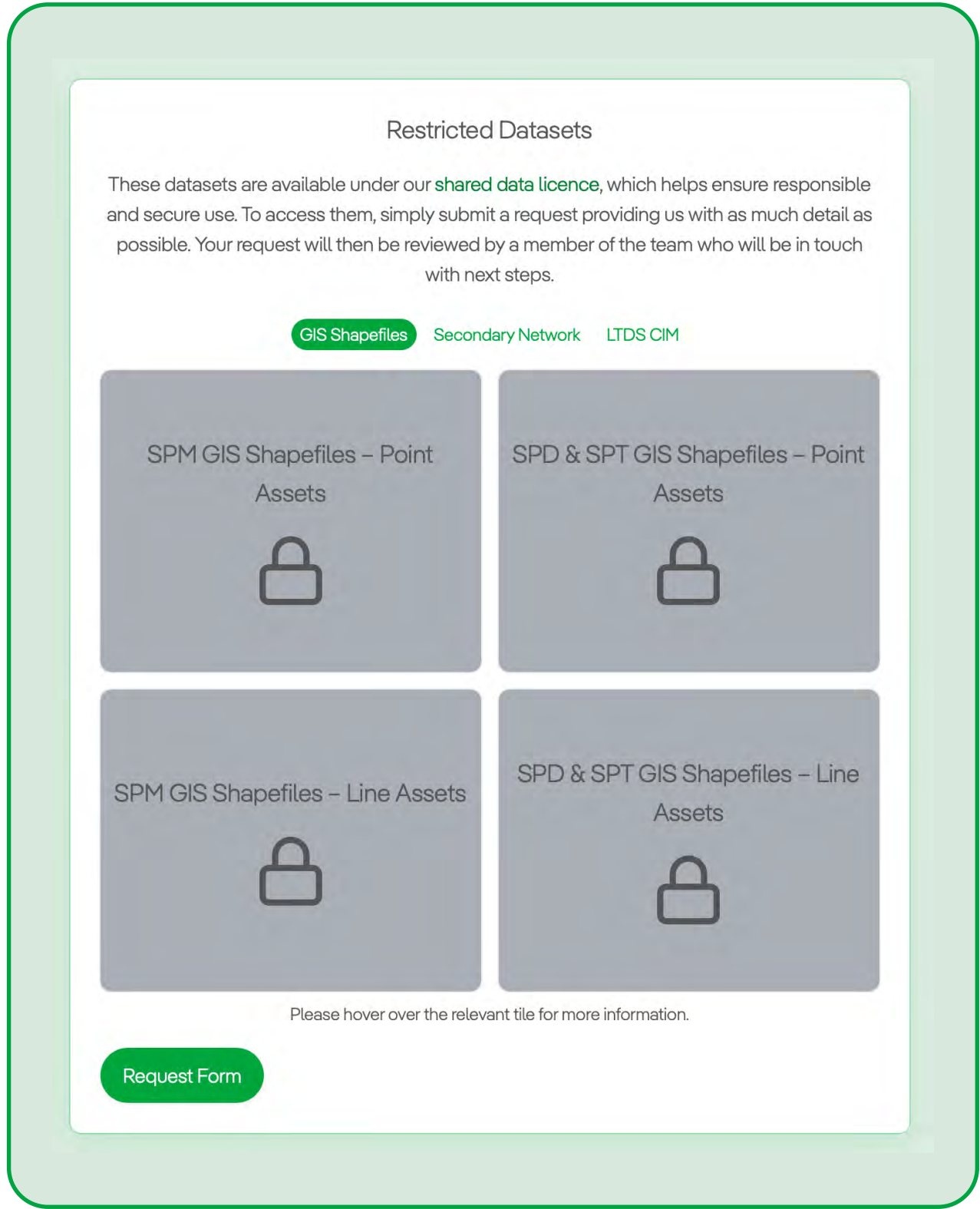
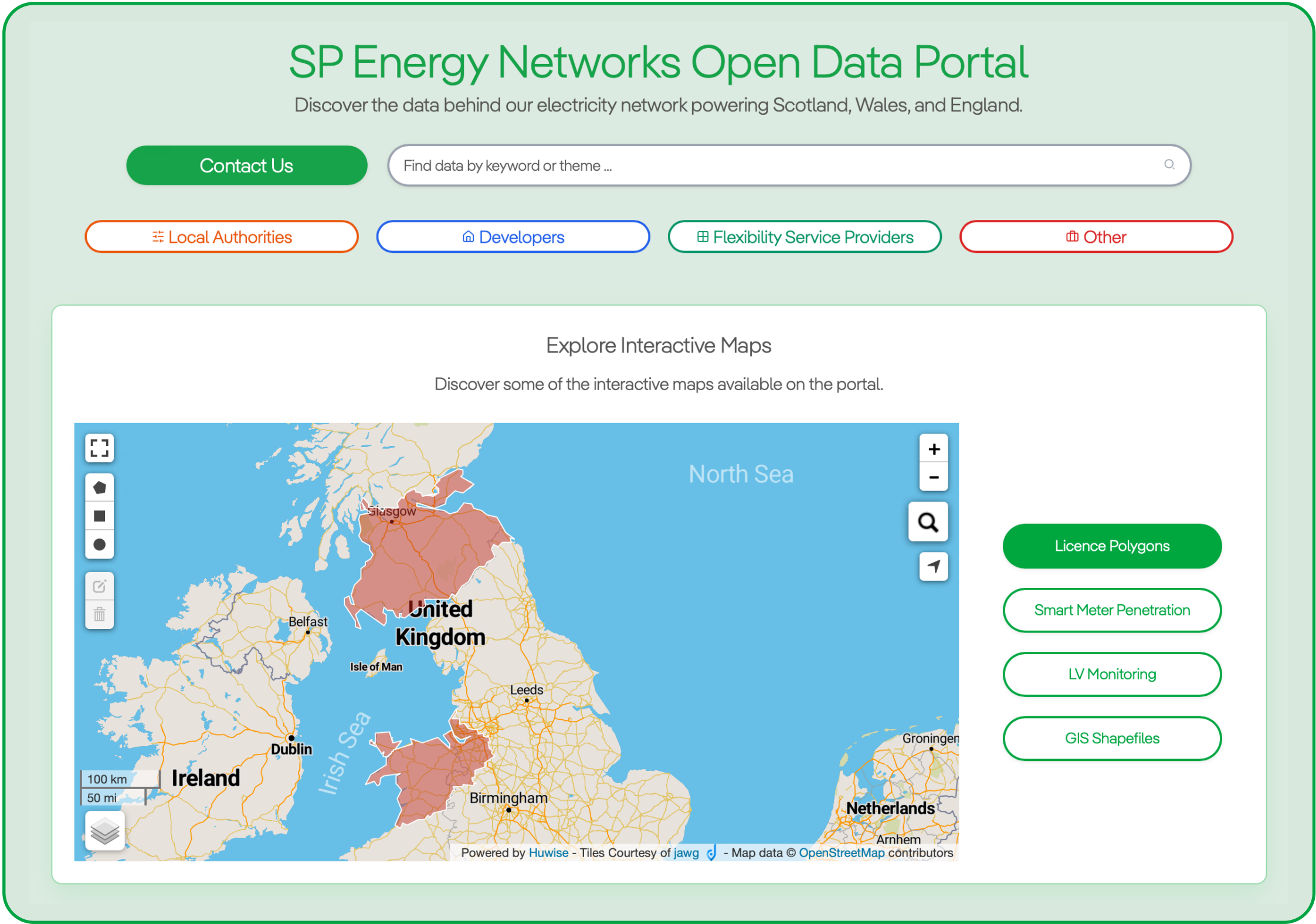
Our Improved Open Data Portal

In December 2025, we launched our new our [Open Data Portal Homepage](#) – delivering what stakeholders asked for and more:

- Geographic map of our data – shows how our data aligns with the world around us and in what regions.
- Creation of User personas – helping people find what they need faster, and in a more bespoke manner.
- Asset themes – improved navigation to datasets, helping people find what they need.
- Highlighting Shared datasets – improved visibility of Shared Licence datasets, helping people understand our offerings.
- Highlighting Feature pages – additional navigation.

We also launched our new Market Place – an area of our Portal which Contains all datasets and visualisation in one place – with SPEN the only UK DNO to launch this.

Our new Market Place also Includes an enhanced API console, making the technical capability more intuitive, supported by guidance through our “How To” library.



Empowering Stakeholders through Data Sharing



Our Improved Open Data Portal >

Improving Standardisation & Machine Readability >

Our stakeholder events and providing guidance >

Improving Standardisation & Machine Readability

- We have made it easier to access APIs through the new marketplace – reducing barriers for stakeholders to use APIs to access data more quickly and easily.
- A [video guide](#) and more detailed guidance document have also been published to assist users new to APIs use them with commonly used tools.
- We updated our keywords & themes to help improve to improve discoverability.

The screenshot shows the SP Energy Networks API Console. The main heading is 'Distribution Network Live Outages'. On the left, there's a query builder with fields for SELECT, WHERE, GROUP BY, ORDER BY, LIMIT, OFFSET, REFINE, EXCLUDE, and LANGUAGE. The central panel displays a JSON response for a query with 200 OK status. The response includes a total count and a list of results, each with details like fault_id, licence_area, region, status, planned_outage_start_date, date_of_reported_fault, etr, voltage, and postcode_sector. At the bottom, there's a code editor with tabs for cURL, Python, and Javascript. The Python tab is active, showing a sample code snippet for making an API request.

Interactive query builder

Example responses

Example code
(Python, JavaScript & cURL)

Our API Guide

The screenshot shows the 'Welcome to your Open Data Learning Hub' page. It includes a welcome message and a video player for a 3-minute watch titled 'Open Data - How do I connect data using API'. The video player has a PowerBI logo and a 'Watch on YouTube' button.

Supporting Multiple File Formats

The screenshot shows the 'SPD & SPT GIS Shapefiles - Line Assets' page. It lists various file formats supported, including Flat file formats (CSV, JSON, Excel), Geographic file formats (GeoJSON, Shapefile, KML, FlatGeobuf, GPX), and Data analysis file formats (Parquet). Each format has a link to the whole dataset.

Empowering Stakeholders through Data Sharing

Our Improved Open Data Portal >

Improving Standardisation & Machine Readability >

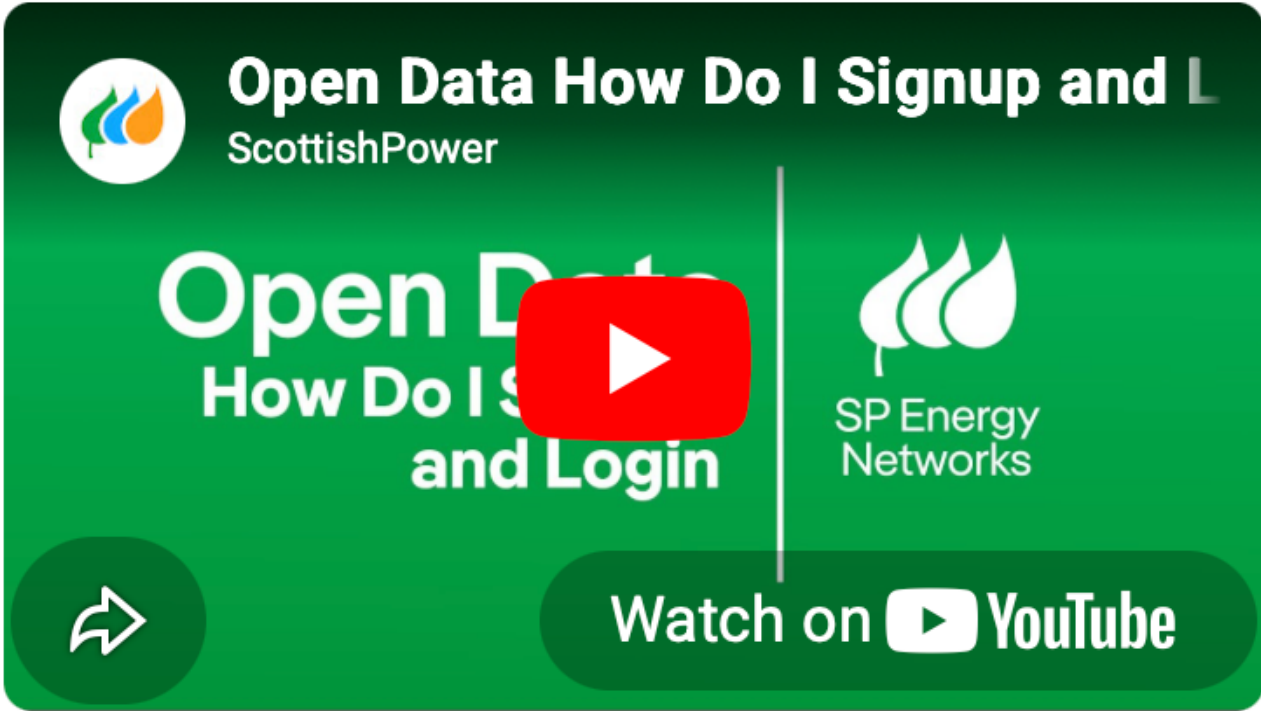
Our stakeholder events and providing guidance >

Our stakeholder events and providing guidance

- We are continually improving our Portal, taking updates to our stakeholders through Events, Webinars and Communications
- We launched our Open Data Learning Hub, a video library of “how to guides” to help users understand our data, insights and updates.

1. How do I sign up and login?

In this guide, you will learn how to sign up and login to the Open Data Portal.

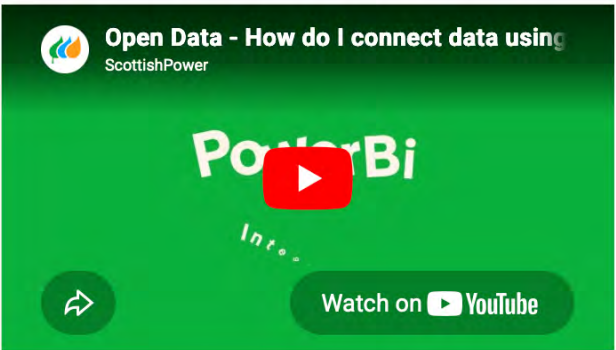


Key steps:

1. Choose your option: Click login if you already have an Opendatasoft account, or sign up if you're new.
2. Enter your details: Provide your login credentials or complete the sign up form.
3. Complete the process: Click login or create my account to finish — you're all set!

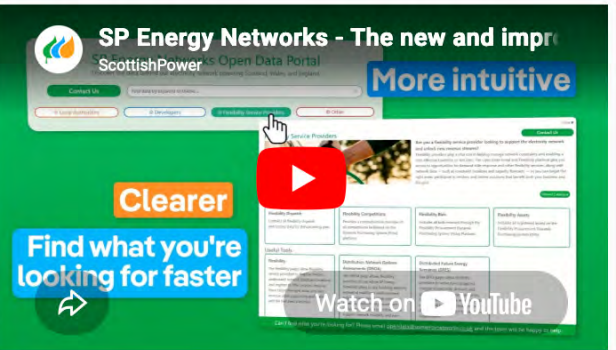
Download Full Guide Here

API Guide



Discover the new API console feature on our refreshed Open Data Portal in just a few minutes. Our video walkthrough takes you through the steps to be able to confidently use APIs with our data for faster and easier access. Learn how to use APIs with both Excel and PowerBI. Watch and start exploring now!
→ 7-minute watch

New Homepage Now Live!



Discover the new Open Data Portal in just a few minutes. This video takes you through the new look of the homepage, highlights the new interactive map, and provides insights into the new Data Marketplace – all built around your feedback and to support your open data needs.
→ 4-minute watch

Flexibility Data



Discover the importance of flexibility data and how it helps shape a smarter, cleaner, more adaptive electricity network. Learn how to access our flexibility feature page and explore the key tools that allow service providers to identify opportunities and make informed decisions.
→ 4-minute watch

Our Approach to Data Quality



Discover how we measure data quality—and why it matters to your work. Understand what makes data trustworthy and how it supports smarter, more informed decisions.
→ 3-minute watch

Our Digital Pillars

Our RIIO-T2 & RIIO-T3 digitalisation strategy is built upon four pillars, each designed to drive our data & digital transformation and support our strategic goals. Over the following pages we detail each project completed as part of our T2 plan and currently being delivered as part of T3, describing the project and its goals, the progress made over the past six months, an overview of activities planned for the next six months and how we will measure its success.



Pillar 1- Focus on Customers & Stakeholders:

We will develop digital solutions to enhance customer experience when engaging with SPEN, providing greater online functionality for customers to “sell-serve” while streamlining processes to Increase the speed of a connections offer. We will engage our customers and stakeholders on an annual basis and update our digital plans to reflect emerging priorities and incorporated into the design of any tools / systems.

Pillar 2- Facilitate Network Growth:

We will develop digital solutions to enhance project management, network design and land management capabilities to accelerate the T3 programme of capital delivery while facilitating collaborative working with our contractors and other 3rd party suppliers.

Pillar 3- Smart Network & Asset Management:

We wil develop digital solutions to enhance our asset management capabilities and increase the use of technology to optimise our field operations, ensuring continued network reliability. We will deliver the technology solutions required to support our environmental & sustainablity ambitions and targets.

Pillar 4-Becoming a Data Driven Organisation:

We will build on our established foundations of data governance, sharing and security, engaging on an ongoing basis with our stakeholders to ensure we provide secure and high-quality data which surpasses the need of Data Best Practice.

T2 Project Updates

Initiatives	Summary	Progress to completion of T2	Activities planned for the next six months	Measures of Success / Customer Benefit
Asset Condition Based Decision Support (CBRM)	The deployment of a tool to capture and record asset condition information through sensor technologies to reflect the live SPT asset risk profile and enable improved management decisions throughout the life cycle of the asset. Previously SPT largely followed a reactive approach to the maintenance of its assets with intervention undertaken in response to indications of asset health or performance degradation during regular inspections and condition monitoring activities. We will create a proof of concept to allow us to demonstrate the viability and measure the value gained from a condition-based asset decisioning platform.	Project delivered and benefits assessed.	N/A - Completed.	- Facilitation of improved data analytics and assessment of datasets across an integrated system. - Analysis of data trends to allow for asset deterioration rates to be reviewed for asset intervention decision making. - Improve network resilience resulting in a reduction of customers off supply due to unexpected faults or extreme weather events.
Data Sharing Infrastructure (DSI)	The DSI MVP project in the industry is taking form and SPEN have set up project structures this encompasses platform deployment, data use-case development and data sharing governance.	- SP Energy Networks has actively contributed to the development of the DSI MVP by providing skilled participants across key areas. These contributions have been delivered through established working groups, including; Service & Data Product Requirements, Legal, Technical, Security, and Management. - These working groups will play a critical role in shaping both the MVP and the enduring DSI solution. - Additionally, based on the results from the DSI workstreams, the team are progressing their internal design for implementation, considering internal governance and standards.	- Collaborate with the NESO on key use-cases, and design & develop those for testing. - Deploy Data Preparation Node. - Establish scalable data models and pipelines aligned to priority business use cases. - Enable consistent, high-quality data outputs to support post MVP delivery.	- Documented design and implementation plan, aligned to NESO developments. - Governance stage-gates met in our design authority and governance forums.

T2 Project Updates

Initiatives	Summary	Progress to completion of T2	Activities planned for the next six months	Measures of Success / Customer Benefit
Data Governance Platform	The implementation of our Data Governance Platform, Informatica, will support us in the establishment of a data catalogue; a detailed inventory of all our data assets and their associated metadata. The tool also allows us to quantitatively measure the quality of our data, assign roles and responsibilities, establish a business glossary and show the lineage of our data assets from source.	- Scanned and analysed metadata for asset-related tables within the SAP master asset register, covering over 700 tables and 11,000 columns. Implemented more than 150 data quality checks on key asset datasets to support targeted data cleansing and improvement activities. - Completed over 580 Data Quality Checks for our new datasets on our Open Data Portal and published the results for stakeholder transparency.	- Enrich SAP metadata within Informatica by defining business terms, assigning data ownership, and applying data security classifications. - Complete scanning, profiling, and enrichment of remaining SAP data tables. - Continue to scan, catalogue, and govern asset data across systems in line with the Informatica deployment plan.	- Establishment of data accountabilities in SPEN for all datasets in our data catalogue. - Ongoing expansion and development of SPEN data catalogue; delivering in line with our 2026 deployment plan. - Establishment of Data Quality framework; regular assessments of Data Quality and processes in place to monitor the score. - Enhancement of maturity against the 11 principles of Ofgem’s Data Best Practice - Increased visibility of the data that exists in our organisation.

T2 Project Updates

Initiatives	Summary	Progress to completion of T2	Activities planned for the next six months	Measures of Success / Customer Benefit
Open Data Portal	Our Open Data Portal offers a single, user-friendly interface for exploring, filtering, viewing, downloading, and consuming our data. We continuously expand the available datasets and enhance the features of our Portal to facilitate sharing data that meets the needs of our customers and stakeholders.	• Successfully concluded 270 Open Data Requests recieved from our stakeholders, including requests for information on the location of our Transmission network assets and planned network activity. • Launched the new Open Data Portal homepage to support imprpoved customer journey. • Migrated to the new Huwise Data Marketplace and updated all asset themes and keywords to allow greater asset visibility. • Publication of 9 new datasets on our Open Data Portal in line with our stakeholder needs covering asset data and operational data. • Provided an new enhanced API capability with supporting user guide and video. • Completed a series on stakeholder engagement sessions and 2025 survey to input to our 2026 Roadmap. This includes a highlights videos on the portal. • Published our first substation reference table to improve interoperability of our published datasets. • Continued to publish and refresh Data Quality Assessments for new and existing datasets on our Portal. • Uploaded our first Glossary to help with the user journey and usability of our datasets.	• Migration of our Transmission heatmaps from the SPEN website onto the Open Data Portal to improve user journey. • Improvements to Data Governance visibility via a new landing page, updated risk assessments and methodologies and revised metadata. • Continue to publish new datasets on our Portal with a focus on dashboards and tools to improve the usability of our data. • Host a webinar aimed at providing an introduction to our Open Data Portal and helping our stakeholders access the data they need. • Continue to standardise datasets where appropriate to improve interoperability. • Explore the use of new AI developments.	• Stakeholder feedback through Open Data surveys and use of feedback forms. • Trend analysis of user interactions with our Portal. • Incremental improvements in Data Quality across our available data.

v

T2 Project Updates

Initiatives	Summary	Progress to completion of T2	Activities planned for the next six months	Measures of Success / Customer Benefit
Building Information Modelling (BIM)	The digital integration of asset design, construction, management and operation of any project. The integration to our portfolio and project management system for construction units, data integration for sustainability, 3D models of SPT assets, digital twin workflows, and supplying digital data to field workers.	• Batch processing tooling delivered to allow construction project documentation held in Projectwise to be easily migrated to ACC Docs.. • Move to BAU of the ACC Model Co-Ordination module to allow clash detection and federation of models from SPT Drawing Office and external designers delivered. • Deployment of ACC Insights & Reporting to allow ACC Build information reporting and population dashboards delivered. • Progress to date has highlighted opportunities to strengthen the Bill of Quantity solution through a redesigned approach. To ensure the best quality outcome, the deliverable will be carried forward into T3 for completion.	• N/A - Completed.	• Improved quality across all aspects of the project planning lifecycle from design to delivery. • Reduction in time, effort and cost of changes throughout project life cycle resulting in cost efficiency for customers and reduced variation from original designs. • Improve project implementation by seamless data sharing with design engineers coordinating and making changes within one environment, improving customer satisfaction.

T2 Project Updates

Initiatives	Summary	Progress to completion of T2	Activities planned for the next six months	Measures of Success / Customer Benefit
ESCOMS Replacement	Estates, Consents and Management System, which is used to manage and report on land rights and consents. Replacement platform delivered in May 2024 with programme of subsequent continuous improvement.	Project delivered and benefits assessed.	N/A - Completed.	- Improved ways of working, with significant levels of automation increasing efficiency and ability to prioritise jobs and manage teams and workflows with measured effectiveness. - Centralised, secure and fully supported solution that allows for GDPR transparency, improved data management and enhanced reporting capabilities.
GIS Platform Upgrade	Our Geographic Information System (GIS) is an integral system for our asset master data and is used throughout our asset management systems. Investment in the migration of our GIS platform from the current software (due to become obsolete from 2025) to ArcGIS Pro on the Utility Network data model, the upgraded software with enhanced functionality.	- Completed interface redevelopment aligned to the UN data model. - Stabilised subnetworks to support go-live readiness (97% complete). - Finalised symbology standards. - Established a robust “change-only” update process, increasing confidence for go-live.	- Complete performance testing and User Acceptance Testing (UAT). - Deliver end user training. - Complete migration and production cutover to the UN model by September. - Transition into Hypercare support phase.	- Migration to UN (Utility Network) data model in ArcGIS Pro will enable new capabilities for analysis and manipulation of information as well as for representation (3D and 4D). - Improved functionality out of the box in new ArcGIS Pro environment allows for more configuration over customisation of tools – reducing future obsolescence and therefore expenditure. - Increased accuracy of the real world location of our assets within our corporate systems improves our ability to effectively manage them.

T2 Project Updates

Initiatives	Summary	Progress to completion of T2	Activities planned for the next six months	Measures of Success / Customer Benefit
Mobility & Scheduling	Streamline processes related to field activities for planned and reactive work to improve Operational Efficiency, Customer Service and Safety and Environmental Performance.	- Investment & Connections work streams moved from legacy systems and are now planned, scheduled and work is executed through Salesforce Field Service for all licences. - Work has commenced to move reactive work stream to Salesforce field Service. - Continuing with migration from Field Work Management System to Geofield. - Cloud solution is now ready for decommissioning of Field Work Management System.	- Complete move of final work stream “reactive work” to Salesforce Field Service. - Decommissioning of FWMS, Visual Planning Board and MCompanion.	- Improved Health & Safety through better visibility of data and information in the field. - Improved Customer Service through quicker response times. - Improved operational efficiency through optimised scheduling and better visibility of resources and field work.
CRM Platform Implementation	Consolidation of multiple customer service solutions that are currently made up of a suite of disparate systems into one single system to manage all customer interactions and provide a 360 degree view of the customer.	Project delivered and benefits assessed	N/A - Completed.	- A single view of all customer interaction across SPEN provides insight and quicker resolution paths for live chats or telephony interactions. - Increased volume of customer enquiries resolved first time. - Reduced volume of enquiries that need more than one person to resolve.

T2 Project Updates

Initiatives	Summary	Progress to completion of T2	Activities planned for the next six months	Measures of Success / Customer Benefit
Biodiversity and Natural Capital	Development and pilot of methodologies and tools for delivering Biodiversity and Natural Capital assessment. Creation of a desk based baseline of Natural Capital across our network using GIS capabilities, in collaboration with stakeholders and other DNOs.	Project delivered and benefits assessed.	N/A - Completed.	- Natural Capital tool and Optioneering tool successfully embedded in routing/siting decision making processes. - Minimisation of impacts on biodiversity from development of network. - Enhancement of natural capital across the network where possible.
Carbon Accounting	Creation of a carbon accounting process by developing the ability to report and monitor on the carbon impact of all of SPEN's activities and processes.	Project delivered and benefits assessed.	N/A - Completed.	- Visibility of total carbon impact associated with projects. - Ability to improve decision making based on potential carbon impact prior to project approvals.
Power System Analysis Software	This initiative covers the adoption of new Power Analysis tool capabilities to enhance functionality and facilitate analysis of new network challenges. At the start of the T2 period DIgSILENT PowerFactory was used to undertake network analysis of the transmission network. Further investment in modelling tools is expected to meet the needs of the changing transmission network.	Additional licenses purchased. The deployment of a database server will roll over to T3.	N/A - Completed.	- Increase understanding of potential impacts on the network due to changes in connected generation and load. - Upgraded Power System Analysis Software will improve overall Whole System Design.

T3 Project Updates:

Pillar 1 - Delivering tools and insights for our customers and stakeholders

Initiatives	Summary	Measures of Success / Customer Benefit	Progress in the Last Three Months	Activities Planned for the Next Six Months
CRM Enhancements	Further develop and integrate our CRM solution to streamline processes and enhance our customers' experiences. Customers will receive a joined-up service where all the information relating to their interactions with us is available at the point of interaction. Understanding when and where maintenance and network outages are planned, develop a customer facing platform to make this information.	Reduction in time taken for a customer to be presented with a connection offer after submitting an application. Increased visibility of network outages, minimising disruption to customers.	High-level use cases for the programme were gathered and put to tender, and procurement process in progress.	Complete supplier selection and commence implementation of the cost management capability.
Customer Led Connections	Developing self-service tools that allow connections customers to create indicative designs and costings. Improving the speed in which a connections offer is provided to a customer looking to connect to our network.	Empowers customers with the ability to make informed decisions quickly, reducing time and effort required to plan and budget for a new connection.	High-level use cases for the programme were gathered and put to tender, and procurement process in progress.	Complete supplier selection and commence implementation of the cost management capability.

T3 Project Updates:

Pillar 2 - Facilitating network growth through data & digital solutions

Initiatives	Summary	Measures of Success / Customer Benefit	Progress in the Last Three Months	Activities Planned for the Next Six Months
Smart IM System	Enable a more accessible and connected information landscape by allowing users to quickly locate, trust, and utilise information held across multiple systems, supporting better decision-making and data quality.	- Improved accessibility of information across multiple business systems through a single search and discovery capability. - Reduced time spent locating and validating information. - Improved data quality and confidence in information used for project and operational decision-making.	Analysis and Discovery phase complete.	Procure and implement the Smart Information Management solution and support adoption across users.
Integrated Asset & Geospatial Information Capability	Integrate engineering, asset, and geospatial data to create a richer digital view of the network, improving collaboration, planning, and understanding of infrastructure assets.	- Improved visibility of asset and engineering information through a more connected view of the network. - Enhanced collaboration between project, engineering and asset management teams - Reduced effort associated with accessing and reconciling information across multiple systems.	Analysis and Discovery phase complete.	Finalise solution approach and begin procurement and implementation of integrated asset and geospatial information capabilities.
Digital Twin Enablement	Lay the foundation for a digital representation of the transmission network, enabling better visibility, simulation, and decision-making throughout the asset lifecycle.	- Establishment of a clear roadmap towards Digital Twin capability across SPT. - Improved understanding of asset information gaps and future digital requirements. - Creation of the foundations required to support data-driven asset lifecycle decision-making.	Established workstream and initiated activities to assess current capabilities	Define the Digital Twin roadmap and complete analysis and discovery.
Reality Capture & Site Digitisation Capability	Expand digital visibility of projects and assets through reality capture technologies, reducing reliance on physical site visits and enabling more informed delivery and assurance activities.	- Improved visibility of project progress through real-time images of sites and assets. - Reduced requirement for site visits through greater access to trusted digital information. - Enhanced collaboration and issue identification through comparison of captured site data against design intent.	Requirements for the programme have been gathered, and procurement process kicked off.	Complete procurement and begin deployment of site scanning and digitisation capabilities..

T3 Project Updates:

Pillar 2 - Facilitating network growth through data & digital solutions

Initiatives	Summary	Measures of Success / Customer Benefit	Progress in the Last Three Months	Activities Planned for the Next Six Months
Integrated Project Delivery & Commercial Information	Create a connected digital workflow between design, construction, and commercial processes, reducing manual intervention and improving information flow across project delivery teams.	- Reduced manual transfer of information between project delivery and commercial systems. - Improved visibility and traceability of project queries and commercial events. - Enhanced efficiency through automated and connected business processes.	Initiated integration planning activities and defined business and technical requirements.	Complete solution design and implementation of integrated workflows between project delivery and commercial management platforms.
Integrated Planning & Project Delivery Capability	Connect design and construction information to project planning and delivery data to provide greater visibility of progress, performance, and schedule information across the project lifecycle.	- Improved alignment between project planning and project delivery activities. - Increased visibility of project performance through integrated reporting and insights. - Reduced manual effort associated with maintaining information across systems.	Established workstream and initiated activities to assess current capabilities	Complete solution design and implementation of integrated planning and delivery reporting capabilities.
Common Data Environment Optimisation	Continually improve the digital environment used to manage project and asset information, driving greater efficiency, standardisation, and collaboration across SPT programmes.	- Increased adoption and value realised from SPT's Common Data Environment. - Improved consistency of information management and collaboration across projects. - Reduced administrative effort through workflow automation and process optimisation.	Delivered enhancements to improve automation, administration, and efficiency within the Common Data Environment.	Develop and prioritise a pipeline of future enhancements to further improve information management and digital delivery processes.
Programme Milestone Management	Replace manual reporting processes with a more connected and transparent approach to programme milestone management, improving visibility and control across a growing portfolio.	- Improved visibility of key delivery milestones across the programme portfolio. - Reduced manual effort associated with milestone reporting and governance activities. - Enhanced ability to make timely delivery decisions based on trusted programme information.	Requirements for the programme have been gathered, and procurement process in progress.	Finalise procurement and deploy the solution to improve programme visibility and reporting.

T3 Project Updates:

Pillar 2 - Facilitating network growth through data & digital solutions

Initiatives	Summary	Measures of Success / Customer Benefit	Progress in the Last Three Months	Activities Planned for the Next Six Months
Scheduling & Schedule Assurance Capability	Introduces advanced digital scheduling and assurance capabilities, supporting proactive management of delivery performance, schedule health, and programme risk.	- Improved schedule quality and consistency across projects and programmes. - Increased visibility of schedule risks and delivery confidence. - Enhanced assurance capability to support informed investment and delivery decisions.	Completed proof-of-concept activities to validate approaches for schedule assurance, schedule health monitoring, and schedule risk analysis.	Implement the scheduling solution, establish governance processes, and begin adoption across priority programmes.
Cost Management Capability	Establishes a digital cost management capability to provide consistent, reliable cost information and enable data-driven investment decisions across the portfolio.	- Establishment of a single source of truth for project and portfolio cost information. - Improved accuracy and consistency of cost forecasting and reporting. - Enhanced ability to make data-driven investment decisions across the portfolio.	Requirements for the programme have been gathered, and procurement process in progress.	Complete supplier selection and commence implementation of the cost management capability.
Existing project management platform upgrade	Upgrade the current Microsoft Project platform to maintain a secure, supported, and resilient digital foundation for project delivery.	- Continued access to a secure and supported planning platform. - Reduced technical and cyber risk associated with legacy technology. - Improved resilience and sustainability of SPT's digital project controls capability.	Requirements for the programme have been gathered, and procurement process in progress.	Complete the platform upgrade and transition users to the enhanced environment.
Contract Lifecycle Management Capability	Digitise and standardises contract management workflow, providing a shared platform for collaboration, transparency, and commercial control across SPT projects.	- Improved control and visibility of contract management activities. - Increased collaboration across internal teams and supply chain partners through a shared digital platform. - Enhanced governance, compliance and auditability of commercial processes.	Successfully deployed the solution to initial projects and continued rollout preparation across additional programmes.	Expand adoption across further projects and continue embedding standardised contract management processes.

T3 Project Updates:

Pillar 2 - Facilitating network growth through data & digital solutions

Initiatives	Summary	Measures of Success / Customer Benefit	Progress in the Last Three Months	Activities Planned for the Next Six Months
Contract Planning & Performance Discovery	Define the future digital capability required to support contract planning and performance management, ensuring processes, data, and technology operate as a connected ecosystem.	• Clear definition of future digital requirements for contract planning and performance management. • Improved alignment between people, processes and technology. • Establishment of a roadmap for future digital transformation within the contract planning and performance function.	• Progressed business process analysis and stakeholder engagement activities to define future contract planning and performance requirements.	• Finalise requirements, develop the implementation roadmap, and progress solution design activities.
Digital Approvals & Workflow Capability	Replace paper-based approvals with secure digital workflows, improving efficiency, governance, and traceability across key business processes.	• Reduced approval and document turnaround times. • Improved compliance through consistent and auditable approval processes. • Reduced reliance on manual and paper-based workflows.	• Requirements for the programme have been gathered.	• Select a preferred solution and commence implementation of digital approval workflows.
Consolidation of Land Rights Records	Create a trusted and centralised digital source of land rights information, improving accessibility, governance, and decision-making.	• Establishment of a single trusted source of land rights information. • Improved accessibility and transparency of critical project data. • Reduced duplication and manual handling of information.	• Initiated analysis and discovery phase.	• Define the target solution and establish a roadmap for implementation and data consolidation.
Integrated Land & Project Planning Capability	Connects operational land and planning milestones with wider project planning data to provide a more joined-up view of network activities, supporting improved coordination and decision-making.	• Improved alignment between land and planning commitments and project planning activities. • Reduced duplication of information across systems. • Enhanced decision-making through access to connected operational and project data.	• Assessed current processes and identified opportunities to improve alignment between operational and project planning information.	• Agree the preferred delivery approach and implement improvements to support integrated planning and decision-making.

T3 Project Updates:

Pillar 2 - Facilitating network growth through data & digital solutions

Initiatives	Summary	Measures of Success / Customer Benefit	Progress in the Last Three Months	Activities Planned for the Next Six Months
Mobile Workforce Capability	Enable mobile-first ways of working by providing field teams with real-time access to systems and information, improving productivity and reducing duplication.	- Increased productivity of field-based teams through mobile access to systems and data. - Reduced duplication of effort and manual rekeying of information. - Improved timeliness and quality of data captured at source.	Completed deployment of mobile devices to field teams and delivered training to support adoption of digital ways of working.	Transition into business-as-usual operation while monitoring benefits realisation and user adoption.
Portfolio Management	Provide a single planning platform that supports consistent project management, improved portfolio visibility, and more effective delivery of SPT's investment programme.	- Establishment of a consistent planning capability across SPT projects and programmes. - Improved visibility of portfolio performance and delivery status. - Enhanced decision-making through access to trusted project schedule information.	Successfully deployed the solution to initial projects	Further embed planning standards, reporting capabilities, and portfolio-level visibility across project delivery teams.
Risk Management	Digitise and standardise risk management across the portfolio, enabling greater visibility, consistency, and informed decision-making throughout project delivery.	- Improved consistency and transparency of risk management across the portfolio. - Enhanced visibility of project and programme risks to support proactive intervention. - Improved decision-making through access to trusted risk information and analytics.	Continued implementation of solution, including system configuration, process standardisation, data migration and user onboarding activities.	Complete deployment of the solution across targeted user groups and projects. Embed standardised risk management processes, expand reporting and analytics capabilities, and transition the service into business-as-usual operation with benefits realisation activities underway.

T3 Project Updates:

Pillar 3 - Smart Network & Asset Management

Initiatives	Summary	Measures of Success / Customer Benefit	Progress in the Last Three Months	Activities Planned for the Next Six Months
Asset Reporting & Analytics Capability	Transform the NARM data and reporting process by replacing manual spreadsheet-based workflows with a fully integrated, automated, and standardised data architecture to improve scalability, auditability, and regulatory compliance.	- Improved visibility and trust in asset management data through a single, standardised reporting approach. - Reduced reliance on manual reporting processes, improving efficiency and auditability. - Increased ability to respond to evolving regulatory reporting requirements without significant system redesign.	Reporting enhancements identified and included within tender process for NARM tool licencing. Requirements for the programme have been gathered.	Finalise solution selection and commence delivery of enhanced reporting capabilities and supporting data architecture improvements.
Network Modelling & Analysis Capability	Strengthen SPT's digital engineering capability by providing scalable, high-performance modelling environments that support increasingly complex network planning, analysis, and future energy system requirements.	- Improved network planning and operational decision-making through access to enhanced digital engineering capabilities. - Increased confidence in modelling outcomes through a secure, scalable and standardised analysis environment. - Enhanced ability to assess and accommodate future network and low-carbon technology requirements.	Requirements for the programme have been gathered.	Procure and implement enhanced modelling capabilities to support increasingly complex network studies and future network scenarios.

T3 Project Updates:

Pillar 4 - Becoming a Data Driven Organisation

Initiatives	Summary	Measures of Success / Customer Benefit	Progress in the Last Three Months	Activities Planned for the Next Six Months
Business Intelligence Analysis Framework	Establish a Business Intelligence and Analytics Framework that provides trusted, accessible, and reusable data through a single reporting platform, enabling improved performance visibility and data-driven decision-making across SPT.	- Improved access to trusted and consistent business information through a single source of reporting data. - Increased visibility of project, portfolio and operational performance to support timely and informed decision-making. - Reduced effort associated with producing, validating and maintaining reports through standardised data and reporting processes. - Improved data quality, governance and accessibility to support a more data-driven organisation.	Progressed delivery of the Business Intelligence and Analytics Framework, including development of the data platform, reporting models, governance processes and initial reporting use cases. Activities have focused on establishing the foundations required for scalable and trusted business reporting.	Expand data integration and reporting capabilities, deliver priority reporting use cases, enhance data governance and quality controls, and continue embedding standardised reporting processes to support a data-driven decision-making culture across the organisation.

RIO-T2 Programme Summary

The table below summarises the scope of digital projects and initiatives delivered by SPEN throughout the RIO-T2 price control period to drive the greatest customer and stakeholder value.

Project / Initiative	Status	Expected Delivery Date	Further Scope in RIO-T3	Status Information
Asset Condition Based Decision Support	Complete		Yes	- New tool fully implemented and project closed down. - Further NARM requirements in RIO-T3 to incorporate civil assets in risk models.
Data Sharing Infrastructure (DSI)	In Progress	2027	Yes	- MVP build continues as per Ofgem requirements. - Continued development of DSI expected throughout RIO-T3 period.
Data Governance Platform	Complete		Yes	- Informatica Data Governance platform MVP complete. - Our data catalogue is being built up incrementally, in line with our Informatica deployment plan, which will continue across RIO-T3.
ESCOMS Replacement	Complete		No	- New Salesforce platform now in place. - Different land & planning related improvements part of proposed RIO-T3 scope.
GIS Platform Upgrade	In Progress	August 2026	Yes	- The ESRI Utility Network has been replanned till August 2026. - GIS enhancements programme scoped for RIO-T3 to adopt new features brought by UN.
Mobility & Scheduling	Complete		Yes	- Core Salesforce Field Service platform implemented to manage mobility & scheduling processes. - Full suite of further field service uses cases defined and proposed in RIO-T3 business plan.
Customer Relationship Management Platform (CRM)	Complete		Yes	- Core Salesforce CRM platform now implemented into the Transmission business customer processes. - Programme of continuous improvement to the CRM platform planned over the RIO-T3 period.
Biodiversity & Natural Capital	Complete		Yes	- AECOM natural capital tool implemented in 2025. - Programme of further biodiversity & natural capital initiatives proposed in RIO-T3 business plan.

RIO-T2 Programme Summary

The table below summarises the scope of digital projects and initiatives delivered by SPEN throughout the RIO-T2 price control period to drive the greatest customer and stakeholder value.

Project / Initiative	Status	Expected Delivery Date	Further Scope in RIO-T3	Status Information
Carbon Accounting	Complete		Yes	- Changes made to core asset management system to facilitate carbon accounting by end of 2025. - Programme of further carbon management related initiatives proposed in RIO-T3 business plan.
Power System Analysis Software	Complete		Yes	- Project delivered. - Different network modelling initiatives proposed as part of RIO-T3 business plan.
BIM	Complete		Yes	- Project delivered. - Significant BIM programme proposed within the RIO-T3 business plan.
Open Data Portal	Complete		Yes	- Open data portal platform implementation complete and live on SPEN website. - Continuous enhancement of our Open Data Portal and the available datasets throughout RIO-T2 and T3 to meet stakeholder needs.
Infrastructure Updates (Various)	Complete		Yes	- Multiple technology infrastructure updates completed throughout RIO-T2 period. - Similar upgrade programme required in RIO-T3 as technology continually advances.
SAP Enhancements (Various)	Complete		Yes	- Continuous improvement programme ran over the full RIO-T2 period with improvements to SAP. - Primary focus in RIO-T3 will be SPEN's move to SAP S/4 HANA and realising the benefits of this.

Data Best Practice

At the start of RIIO-T2, Ofgem introduced Data Best Practice (DBP) guidance, a suite of 11 principles designed to ensure data is treated as an asset and used effectively for the benefit of consumers, stakeholders, and the public interest.

Compliance with DBP is at the heart of our data strategy and is stewarded by our Network Data and Intelligence function. The table below summarises how we currently comply with all 11 principles of the guidance and our future plans to enhance our maturity. For information on the ambitious targets that we have set for improved compliance throughout RIIO-T3, please refer to our [RIIO-T3 Digitalisation Strategy](#).

	DBP Principle	How we Comply and our Future Enhancement Plans
1	Identify the roles of stakeholders of Data Assets.	Our Data Governance Platform, Informatica, maintains records of the Data Owner and Data Steward for each Data Asset. Responsibilities are assigned to Data Assets as part of the ongoing deployment of Informatica. The roles and responsibilities associated with Data Governance across the organisation are described within our Data Governance Policy
2	Use common terms within Data Assets, Metadata and supporting information.	We are building a business glossary through the deployment of Informatica, to promote the use of standardised terminology across the organisation. This will develop throughout the year as we deliver our 2026 Informatica deployment plan. We are fully engaged in the relevant industry working groups and will continue to collaborate on aligning our business terms and glossary. Additionally, we have introduced a glossary on our Open Data Portal to provide stakeholders with clearer guidance on key data-related terms and enhance their understanding of our datasets. We will continue to add to the glossary over time to further support transparency.
3	Describe data accurately using industry standard Metadata.	Our Open Data Portal and Informatica are fully aligned with the Dublin Core metadata standard. A Metadata Management Policy has been established to define the organisation's core principles, standards, and expectations for metadata, which will be embedded through the ongoing deployment of Informatica. We have also played an active role in the Metadata Management working group, contributing to the development of industry standards and supporting a shared understanding of key metadata terms across the energy networks.
4	Enable potential Data Users to understand Data Assets by providing supporting information.	We continue to publish detailed dataset descriptions and associated risk assessments for all datasets available our Open Data Portal. We have increased the number of data quality assessments published, further enhancing transparency for users. Our “How-to-Guides” section has been expanded, including the addition of a new API user guide to support easier access to our data. We have also introduced a glossary to give users more guidance on terminology used across the portal and will continue to add to this over the coming months

	DBP Principle	How we Comply and our Future Enhancement
5	Make Data Assets discoverable for potential Data Users.	We are continuing to expand our data catalogue through Informatica, with an initial focus on core systems across the organisation. This has already enhanced data discoverability, with the catalogue now comprising over 3,300 data tables. Further expansion is planned over the next six months in line with our 2026 Informatica deployment plan. In addition, we have updated our Open Data Portal homepage to improve navigation and usability. We have updated our data themes and streamlined dataset keywords, making it easier for users to identify and access the data most relevant to their needs.
6	Learn and deliver to the needs of current and prospective Data Users.	We have completed our 2025 stakeholder survey and conducted follow-up engagement sessions. All feedback has been collated and used to curate our 2026 Open Data Roadmap .A summry of the survey results and initial roadmap has been included in a new video published on our portal. We have decided to take a new approach with a flexible roadmap to allow further updated stakeholder input throughout the year. Following the revamp of our homepage, we have seen over 300% increase in Open Data Requests and have completed 270 requests in the last 6 months, answering our stakeholders questions and helping them find the data they need.
7	Ensure data quality maintenance and improvement is prioritised by Data User needs.	We quantitatively assess and monitor the quality of our data assets using Informatica. Over the past six months, we have implemented more than 580 data quality checks across datasets published on our Open Data Portal. This has enabled us to publish a further 12 data quality assessments, bringing the total available to 27. These assessments are regularly reviewed to ensure they remain accurate, relevant, and up to date. Alongside this, as we continue to deploy Informatica across the organisation, we are extending data quality monitoring to our most critical data assets, as identified by stakeholders. The results of these assessments are used to inform targeted improvement plans where required.
8	Ensure Data Assets are interoperable with Data Assets from other data and digital services.	Through the delivery of our Data Hubs, we are making progressing in applying robust data modelling methodologies (Kimball), this methodology is ensuring our data is structed across systems and puts in a ready state for use internally and externally.
9	Protect Data Assets and systems in accordance with Security, Privacy and Resilience best practice.	We led the development of an industry standard shared data licence, supporting a consistent approach to controlled data sharing across the energy networks. We are now fully aligned with the standard shared licence, with all users successfully migrated to the updated shared licence terms. Before publishing any dataset on our Open Data Portal, we carry out a detailed data triage risk assessment in collaboration with Data Owners, Cyber Security, and Data Protection teams. These assessments are reviewed every six months to ensure they remain current and reflect the evolving data landscape. We are also benchmarking our approach against the Data Triage and Metadata Management Playbook to ensure ongoing alignment with industry best practice.
10	Store, archive and provide access to Data Assets in ways that ensures sustained benefits.	Our Data Lifecycle Policy provides guidance on best practices for the storage, archiving, and deletion of data through its lifecycle and is being implemented as part of the ongoing deployment of Informatica.
11	Treat all Data Assets, their associated Metadata and Software Scripts used to process Data Assets as Presumed Open.	We publish data through our Open Data Portal under open and shared data licences, maximising value for stakeholders while protecting sensitive information. Following a homepage redesign and marketplace upgrade at the end of 2025, users can more easily identify datasets available under our shared licence. This contributed to a 300% increase in access requests at the start of 2026. Throughout 2026, we will further improve transparency by updating our Risk Assessments, Dataset Methodologies and Data Quality Assessments. Our 2026 Data Roadmap, developed in response to stakeholder feedback, outlines the datasets, feature pages and enhancements planned for delivery during the year. The roadmap is publicly available on our Open Data Portal and will be updated quarterly.



