

## National Grid Electricity Transmission: Digitalisation Strategy Action Plan – Update (June 2023)

Action Number	Strategic objectives and enablers	Action	Due Date	Progress to date	Next Steps	Action Status
DSAP 101	Enabler: whole system stakeholder engagement	<p><b>Stakeholder Engagement:</b> Engage external stakeholders to verify the profiles of our external stakeholders, their data needs, business drivers and value cases.</p> <p>Develop and maintain a digitalisation-focused stakeholder engagement strategy to target key groups / personas and drive our stakeholder engagement plans.</p> <p>Establish a Stakeholder Engagement Log linking feedback to activity and stakeholder outcomes.</p>	Ongoing (stakeholder engagement will be continuous throughout)	<p>Conducted Internal stakeholder consultation workshops in Jan 23.</p> <p>Following the dialogue from the RFI from Ofgem and our response, we are delighted that our strategy and plans for data have been positively received and are seen as a strong benchmark to lead better access and use of data across the industry.</p> <p>External stakeholder reviews in Feb 23-June 23, covering all aspects of NGET's Digitalisation &amp; Data Strategy to the ENA (Data and Digitalisation Steering Group).</p> <p>Developed an internal website-based data portal to provide ongoing continuous stakeholder feedback and knowledge base for strategy.</p> <p>Delivered Internal Data Strategy eBook which details key elements of the strategy and its implementation.</p> <p>Delivered internal communications plan to cover All NGET, Data Professionals and Executive stakeholders and the regulator. This is now in place and is going through continual improvement.</p> <p>Digital and Data Governance forums and communications forums established.</p>	<p>Enhance internal communications planning and digital delivery through the use of Podcasts, Videos and Embedded Data Sessions in all devolved leadership meetings.</p> <p>Increase stakeholder engagement for the next release of the digitalisation strategy and action plan including enhanced data best practices, both internally and externally.</p> <p>Following the RFI regarding data best practices from Ofgem, we have an outstanding commitment to present to Independent User Group (IUG), this now be done in co-ordination with the overarching DSAP consultation for publication in March 24.</p>	In progress
DSAP 102	Enabler: trusted, available and secure data	<p><b>Data Integration:</b> improve internal data onboarding capability for new data sources to enable integration with media data types (including images, videos, audios and geospatial data).</p>	Ongoing (Updated to account for system suitability and demand related to	<p>Tested and embed our internal data strategy (including implementation of data mesh operating architecture and supporting Cloud Data Platform) through</p>	<p>Launch re-platforming of all integration capabilities across NGET to enable faster and smoother access and connection to source data.</p>	In progress

		<p>Allow integration with external datasets to expand on data discovery opportunities.</p> <p>And facilitate exposure of datasets externally to meet our stakeholders' needs.</p>	<p>data mesh strategy)</p>	<p>delivery of our first data products.</p> <p>Conversations with wider NG with respect to data catalogue technical solutions continued with group roll up of catalogue content at the core. The internal data catalogue will form the foundation for the external data catalogue to provide easy access to open data.</p> <p>Designed and implemented the foundational technical catalogue to enable us to publish data products and associated metadata.</p> <p>As we continue to develop and deliver our internal data enablement platform, we have increased the speed and availability of accessing and using data across NGET core systems, improving connectivity and speed to value.</p> <p>We have made large strides in Geospatial and mixed media onboarding and storage, work is progressing on the use of Gen AI to deliver value from these data types.</p>	<p>Develop and complete the Data Fabric architecture across NGET to support data mesh operating model.</p> <p>Prepare a re-opener for Ofgem's Enhanced Data Best Practices.</p> <p>The plan is dependent on the success of the data reopener to expose the internal catalogues and data products to an external audience via a NGET Data Portal.</p> <p>The re-opener would fund a NGET Data portal that would expose the internal catalogues and data products to an external audience.</p>	
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DSAP 103	Enabler: trusted, available and secure data	<p><b>Data Management:</b> Further develop our internal data catalogue to manage and maintain quality, compliance and security through proactive metadata, lineage management related to our systems, and data quality monitoring.</p> <p>Provide an external view of this to enable stakeholders to understand what data we hold and could potentially provide.</p>	Ongoing (February 2023 delivery completed and updated in line with DBP improvement planning)	<p>Established the NGET Data Guild and Communities of Practice (CoP's) following initial workshops to ensure continued alignment, governance and enhancement of the data governance and ownership model across the whole NGET business.</p> <p>Updated NGET Data domain design completed and implemented. This has been focused on the primary data domains of Asset, Customer, Network, Finance and People. We have acknowledged that there are a number of sub or cross domains, for example, Investments, Regulatory and Supplier, and have accounted for that with Functional Domain ownership and product development.</p> <p>Engaged with external stakeholders (regulator &amp; ENA) on how best to share information about the data we hold and understand use cases they may have for open access to data sets.</p> <p>As part of achieving compliance to data best practices, stronger and more frequent external stakeholder engagement has been established and full transparency of progress, it is recognised we need IUG, see action 101 for next steps.</p> <p>Implemented version 3 of the NGET data product contract which is the core tenant of the governance and quality improvement program for data products. This covers all areas including ownership, model, quality, lineage and structure of each product.</p>	<p>As part of data best practices and the improvement plan, complete full architecture to connect technical catalogue to business and contextual catalogue.</p> <p>As part of data best practices improvement plan, enhance automated and embedded contract update and governance architecture and enable self-service.</p> <p>Continued evolution of the metadata model as more data products come on line and enhance the overall model</p> <p>Continued evolution of the NGET data model as increased understanding of required model and interoperability across all data products emerges</p> <p>Productionise version one of the internal risk, issue and feedback trackers.</p> <p>Prepare a re-opener for Ofgem's Enhanced Data Best Practices.</p> <p>The re-opener would fund a NGET Data portal that would expose the internal catalogues and data products to an external audience.</p>	In progress
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