**Executive Summary: Unlocking Our Data Value**

National Grid has identified Data as one of our most important strategic assets and taken the approach to embed Data Management into the business as a core capability, enabling our data to be exploited as a key strategic asset, underpinning all our key decisions and informing our future strategy.

The Enterprise data strategy supports National Grid in transforming the way we work by empowering our people and teams, and upgrading our abilities and tools supporting our data. As we do this we will unlock the value of our data to become a strategic business asset!

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**Data Vision -** To become a data driven organization, digitally enabled to utilize data in everything we do.

**Our Focus Areas** provide direction building out the right people, processes and technology:

* **Data Trust**
  + Our data is accurate, timely, of high quality, and supported by the right skills and governance to manage it
* **Data Centricity**
  + Our data is underpinned by enterprise tools and organised for current and future business needs
* **Data Insights**
  + Our data is presented within context, giving meaning and relevance to deliver value

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**Our Data Principles -** Will provide the building blocks for moving the business forward in data maturity and capability:

1. **Data is an Asset** 
   * Data (i.e. the representation of facts as text, numbers, graphics, images or sound or video) has a purpose, cost, value and lifecycle – it is an asset.
2. **Data is Managed and Secure**
   * All data is subject to ownership, governance and protection from unauthorised access throughout its full lifecycle (from planning, collection through to retention and disposal)
3. **Data is Fit for Purpose**
   * Data should be of the quality required for its intended uses.
4. **Data is Standardised**
   * Data should be standardised in terms of its definition, format, content and categorisation providing the ability to link differing forms of related data together.
5. **Data has a Single Authoritative Source** 
   * For all data there shall be a single and identified authoritative (master) source.
6. **Data is Accessible** 
   * We should all have the appropriate access to the data we need to carry out our roles.
7. **Data is Published** 
   * Any data we publish should be defined, appropriate, quality assured and verifiable.

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**Data Enablers -** IT will support the business through the adoption of a Hub-and-Spoke operating model, within the IT hub Data Capabilities will deliver the following enablers:

1. **Operating Model**
   * Hub-and-Spoke operating model defines central capabilities, polices, standards and architecture to be delivered from the hub at an enterprise level. Business data domains execute on the standards, levering enterprise tools and ultimately own, govern and steward their data.
2. **Data Architecture**
   * An enterprise data management toolset and technology deployed to support digital transformation, where each data domain has master data management principles in place to support single source of the truth.
3. **Data Engineering**
   * Central service to prioritise, deliver and maintains data solutions that are efficient and high-quality. Provide engineering activities related to development, implementation, platform and tools administration, strategy implementation
4. **Data Standards** 
   * A simple set of data standards and supporting requirements and guidelines that outline best practice approaches for managing data within our enterprise toolset. Standards cover data management processes, architectural standards and regulatory compliance to ensure business wide consistency.
5. **Data Governance** 
   * Data Governance is a system of formally managing the decision, accountabilities and action for data-related processes. Our data governance will provide oversight to manage data through its lifecycle with principles, policies, processes, frameworks, tools, and success metrics.
6. **Data Literacy** 
   * Data literacy is key to ensure we have the right talent and culture across the business. We will develop data culture where our colleagues understand what data is appropriate for decision making, think critically about information and can tell stories with data to share with others.

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**Our Data Goals –** To help us in delivering on the vision we strive to achieve our Top 5 Data Goals:

1. We know what data we need to run our business safely, securely and legally
2. We know where to go to safely access our data
3. We have clear ownership, accountabilities and governance for our data
4. We trust our data with quality criteria established and ongoing monitoring and remediation
5. We create value from our data to improve our business and track the benefits delivered

**Our Enterprise Data Roadmap -** Will outline and provide a foreword view of activities and timelines to bring together the work ongoing across the business aligning both data and digital initiatives. The Enterprise data roadmap will be governed by the Executive Data Steering Group in conjunction with the US and US transformation programmes.