



Data and Information in Defra Group: Building the Foundations

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What I'll cover today:

- The Defra Group context
- Our approach to data and information
- How that is supporting AI and innovation

The Defra Group strategic context

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Defra outcomes

- Future Defra With three pillars Ambitious Outcomes, Efficient Working and Thriving People.
- 25 Year Environment Plan long-term goals.

Strategies and Functions

- National Data Strategy and CDDO 2025 Roadmap.
- · Synergy Data Strategy for Shared Services.
- Government Digital and Data Functional Standard.
- · GKIM Profession and The National Archive Standard.

Govt priorities

- The government's six first steps for change.
- Defra Secretary of State's five priorities clean water, nature restoration, food security, zero waste, flood defence.

Policies, Standards and Legislation

- · Algorithmic Transparency Recording Standards.
- Public Records Act
- Data Sharing Under the Digital Economy Act 2018.
- Data Sharing Governance Framework.
- Several communities, frameworks & upskilling initiatives.

Defra group wide strategies with cross-cutting programmes, operations and services

- Digital and Data Transformation Strategy 2023-30. Data is one of six missions to deliver service transformation.
- Artificial Intelligence Strategy 2024. Data & information are essential enablers for responsible AI adoption.
- Enabling Programmes and Key Domain Strategies. Data is a common thread for integrated, value for money change.

Chief Data Office - data and information

- Setting the strategic direction
- · Developing and assuring the adoption of common systems and standards
- Leading and developing capability .

Defra Group context

- Complex and varied system
- Core department and ALBs
- Range of functions digital service delivery, science and research, policy,
- Breadth of activity UK and international
- Longevity of work short term operations and response to generation spanning programmes

The CDO Five Pillars



Identifying data & information priorities that deliver both Defra outcomes and contribute towards wider government missions.

Strategy



Shared leadership to deliver cross-cutting data & information priorities across its respective lifecycle.

Leadership



Building common foundations that makes Defra's data & information of QFAIR - quality, findable, accessible, interoperable, reusable.

Foundations



Empowering & supporting communities of practitioners and experts across organisational boundaries to thrive, innovate, and scale best practice.

Community



Cross functional and sectoral collaboration to ensure the right use of data & information to deliver Defra's complex and competing priorities.

Engagement

Supporting AI and innovation

- Recognising innovation as an essential component – it's happening
- Putting in place the mechanisms to support:
 - Delivering the AI Strategy unlocking barriers, acting as critical friend
 - Ethics and transparency
 - Encouraging innovation through the Community – Data and Information Festival, future community, Data[®] Challenge