



**Integrated
Data Service**

Integrated Data Service: an introduction

 **HM Government**

In partnership with

 **Office for
National Statistics**

IDS Programme Engagement Team - 6 September 2022

Bringing together ready-to-use data to enable **faster** and **wider** collaborative analysis for the public good.

IDS is a key enabler of the National Data Strategy and Government Modernisation and Reform Programme, the service will provide controlled access to a series of integrated Critical National Data Assets, built, linked and maintained for richer analysis.

IDS & the governmental landscape

- **CDDO** is introducing enhanced levels of standardisation and metadata across government as part of drive for **UK wide coherence of statistics**
- The CDDO recently published a **road map for 2022-25** where key data officers signed up to a **commitment to share their key data across government**. The IDS provides a platform to facilitate this.
- Legislative and Administrative reform (Data Standards authority, Cabinet office, scope of DEA)

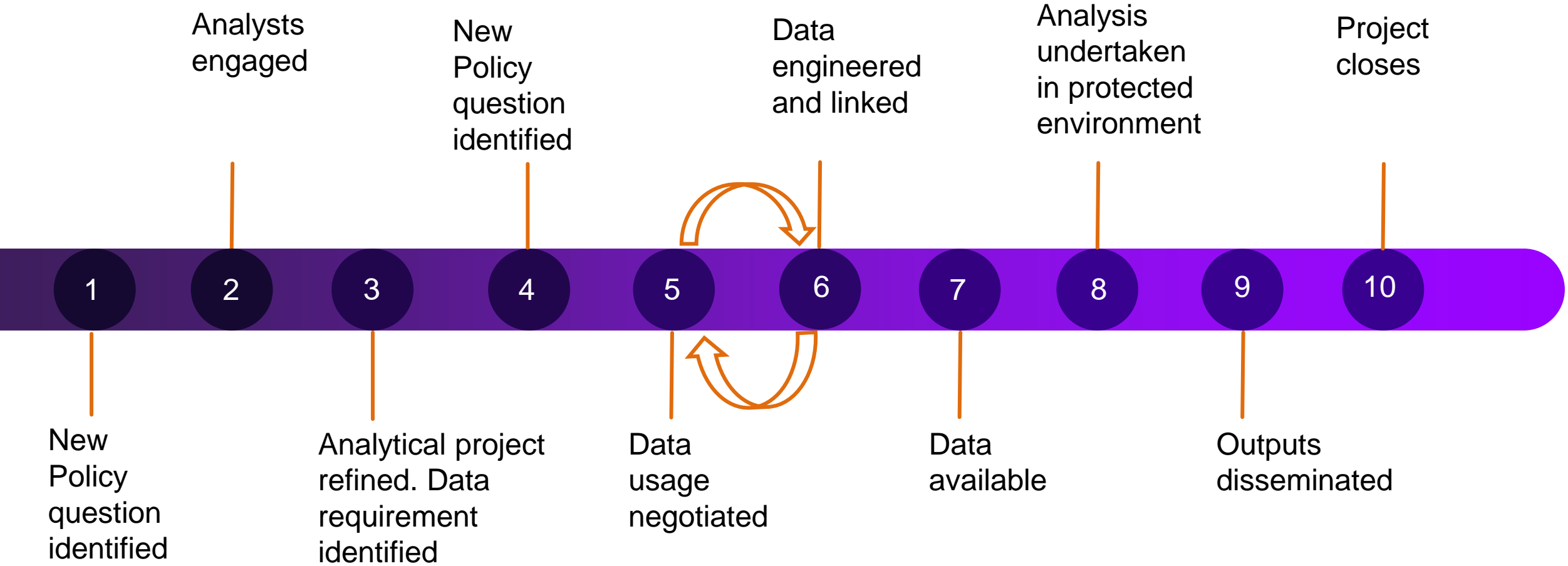
Analytical Platform

- The IDS comprises an **analytical platform** and a **dissemination arm**.
- Users of the IDS analytical platform include: **Analysts, Statisticians, Data Scientists, Researchers, Academics, Educators, & Scientists**.
- All users of the analytical platform will need to achieve **Research Accreditation Service (RAS) accreditation** in accordance with the **Five Safes Framework**.

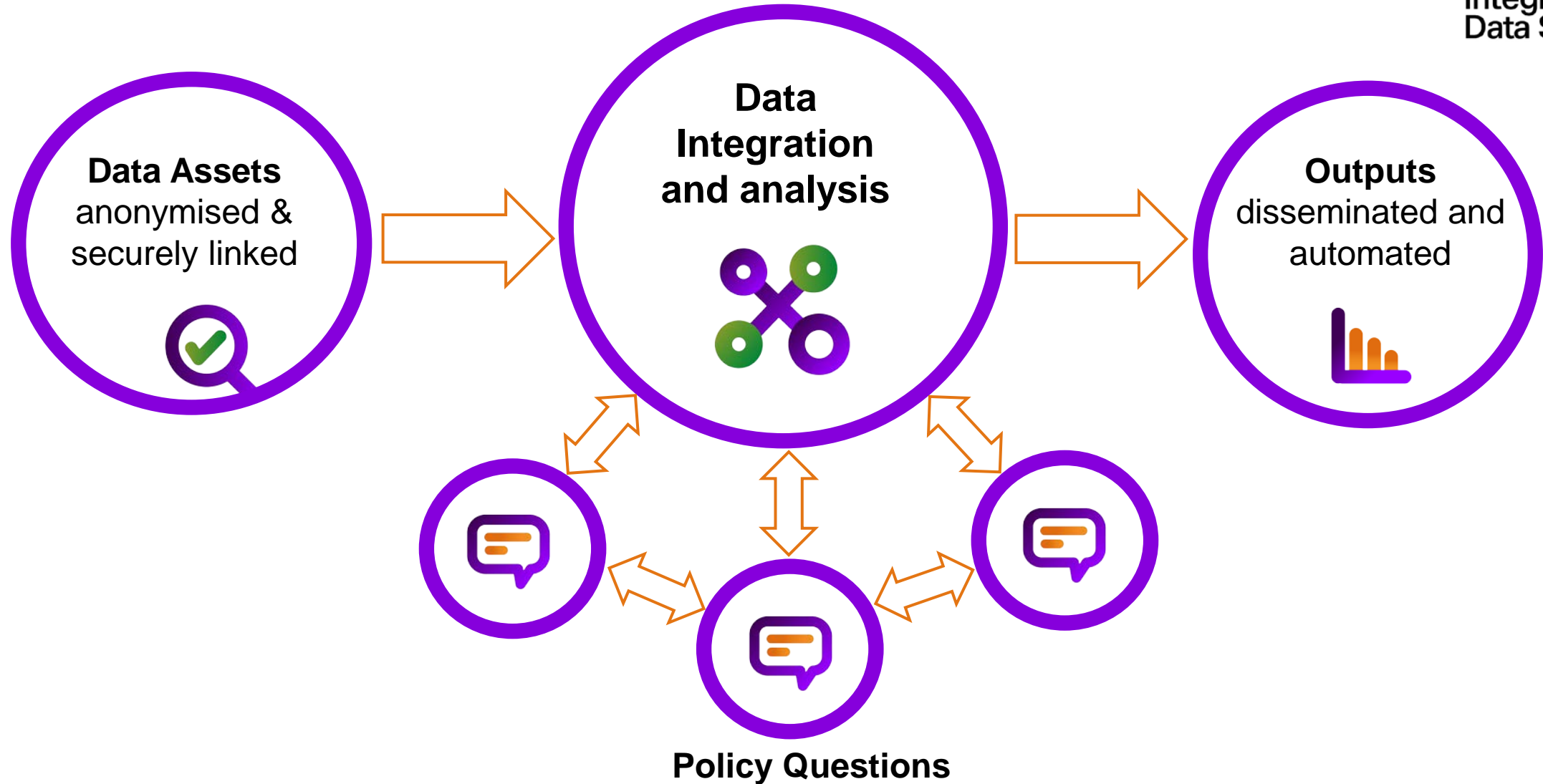
Accreditation

- **Streamlined accreditation process** for all IDS users, with **fast-track** for **analysts** and **badged professionals** within government.
- Greater **flexibility** for users and organisations, with **eLearning modules** and **dedicated user support** a feature of **user journey**.
- All users will require **individual accreditation** and a **data access agreement** in order to conduct research in the IDS.

Historical Linear Data Model



IDS Data Model



Prospect Feasibility Assessment

Informing Data Prioritisation



01 / 02

**Stakeholder
Engagement
Initial Proposal**

04

**Collaborative Feasibility
Assessment**

(Data Growth & Operations; IDP Strategy; IDP Projects; IDP Benefits & Impact; IDP Business Change; Data Governance, Legislation & Policy)

06

**Acquisition and
Onboarding**

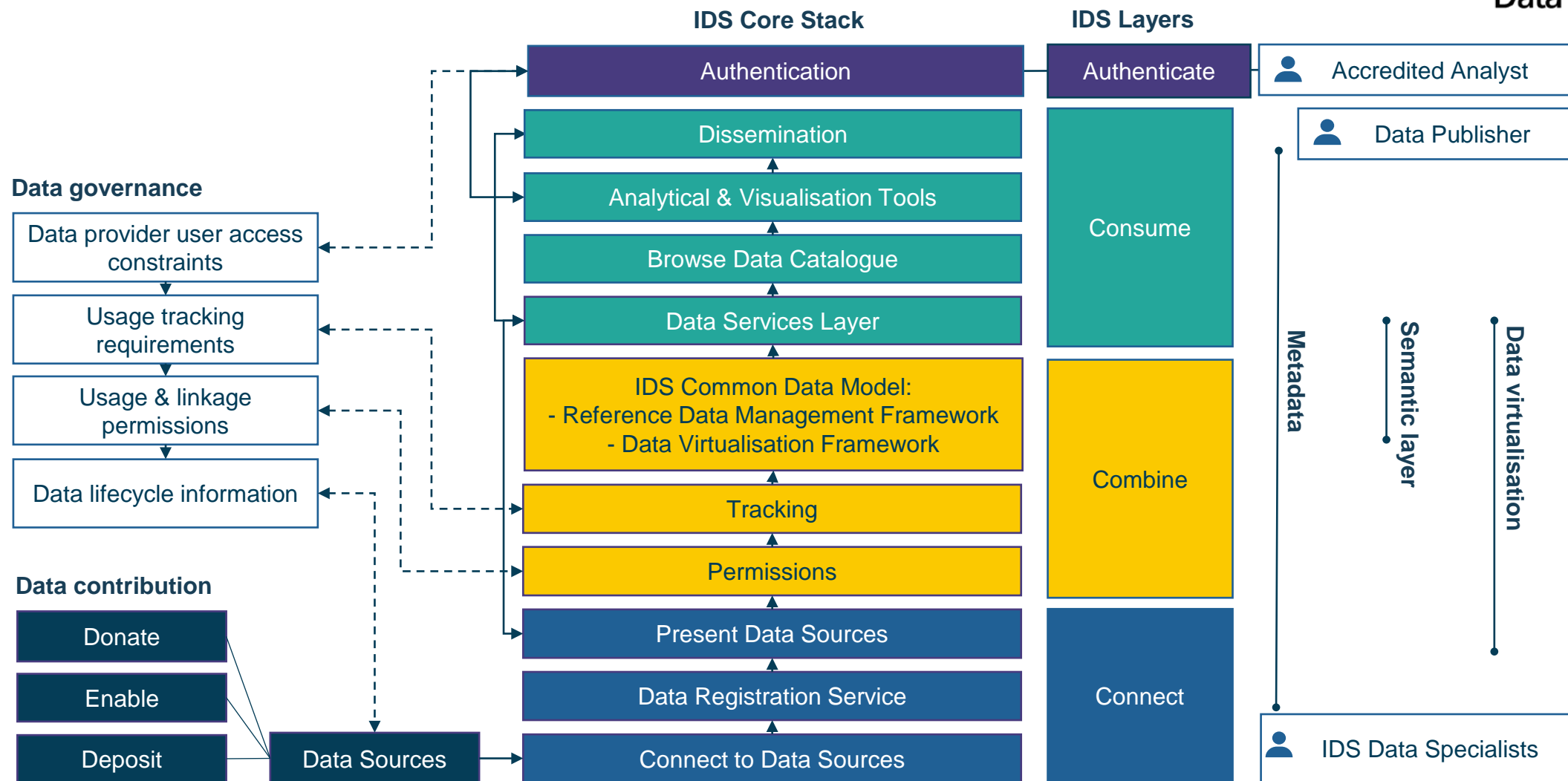
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**Requirement
Refinement**

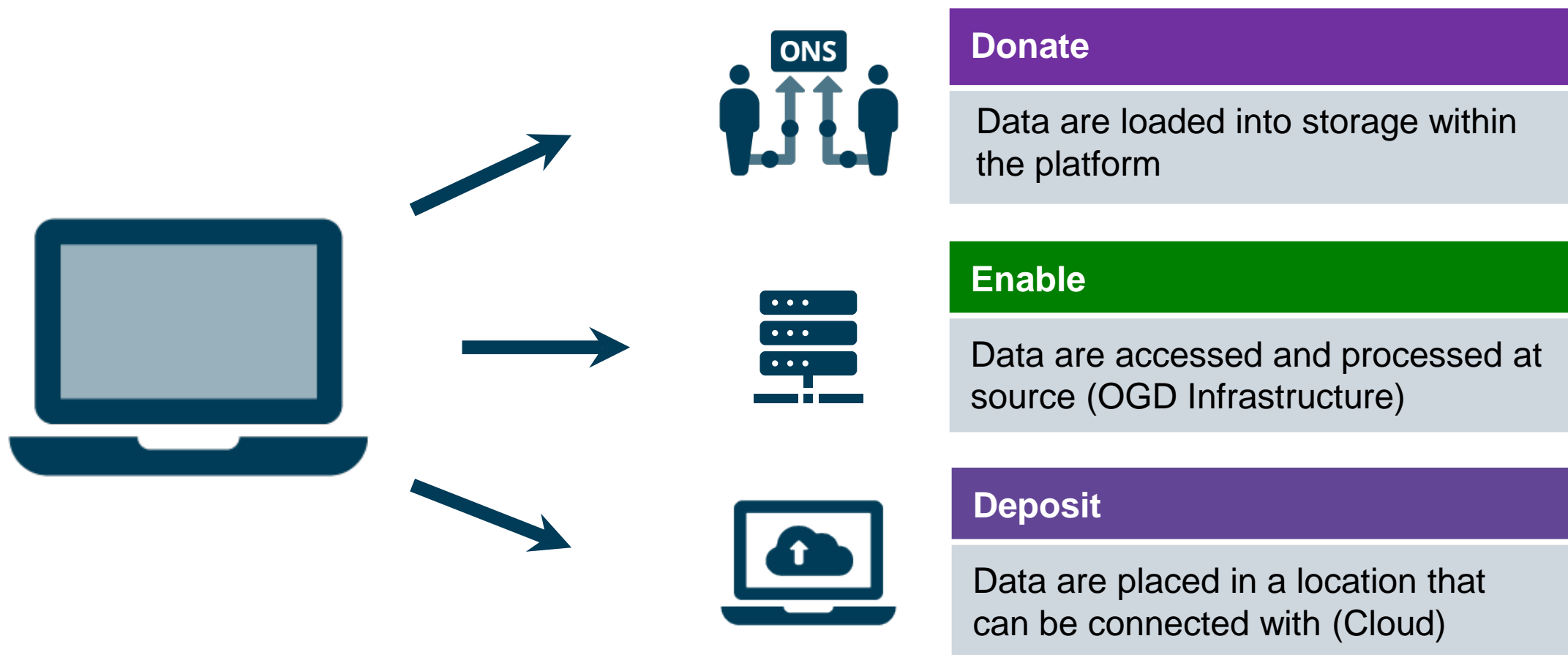
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Decision Point

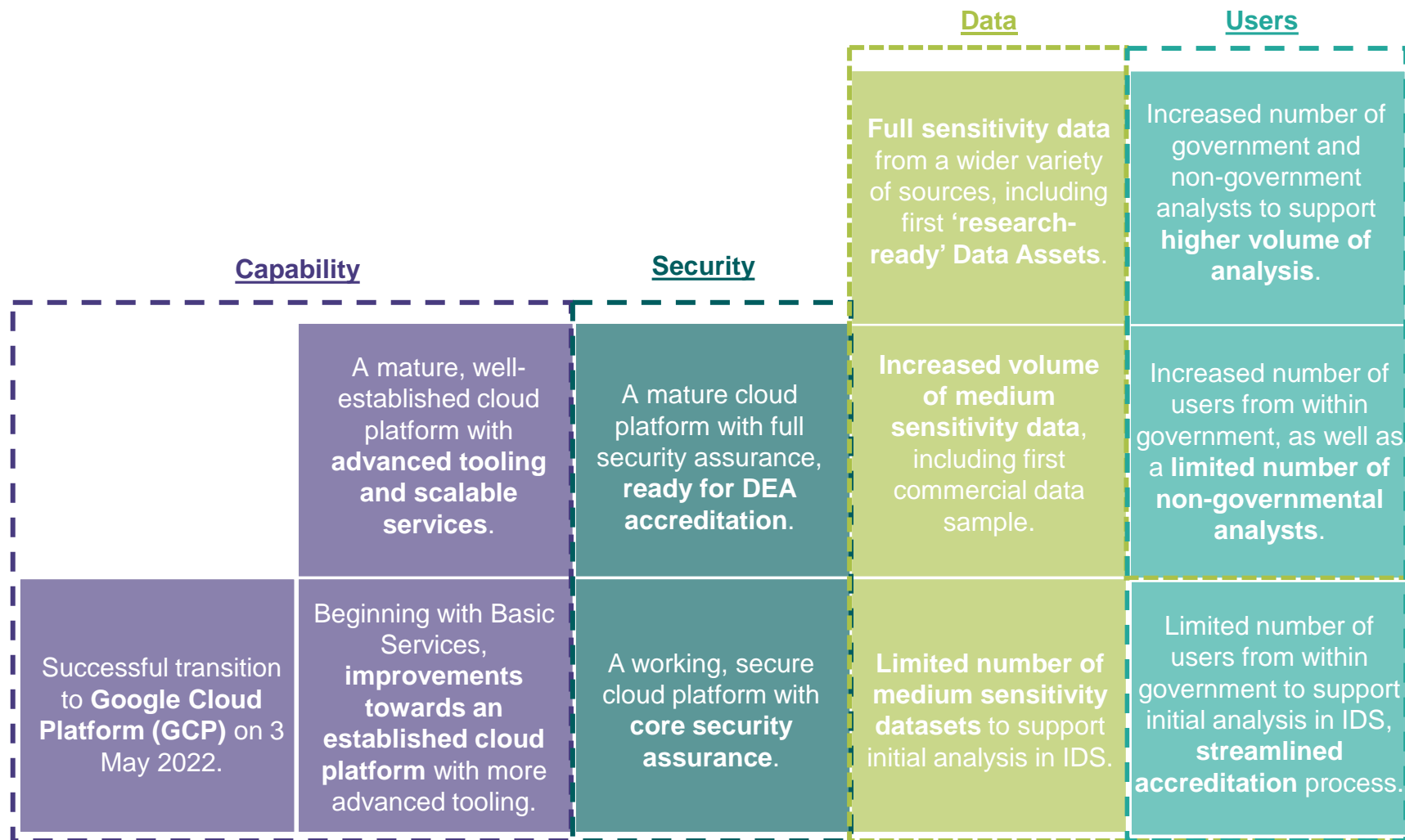
Technical Model



IDS data sources – data access methods



Integrated Data Service: Phase A



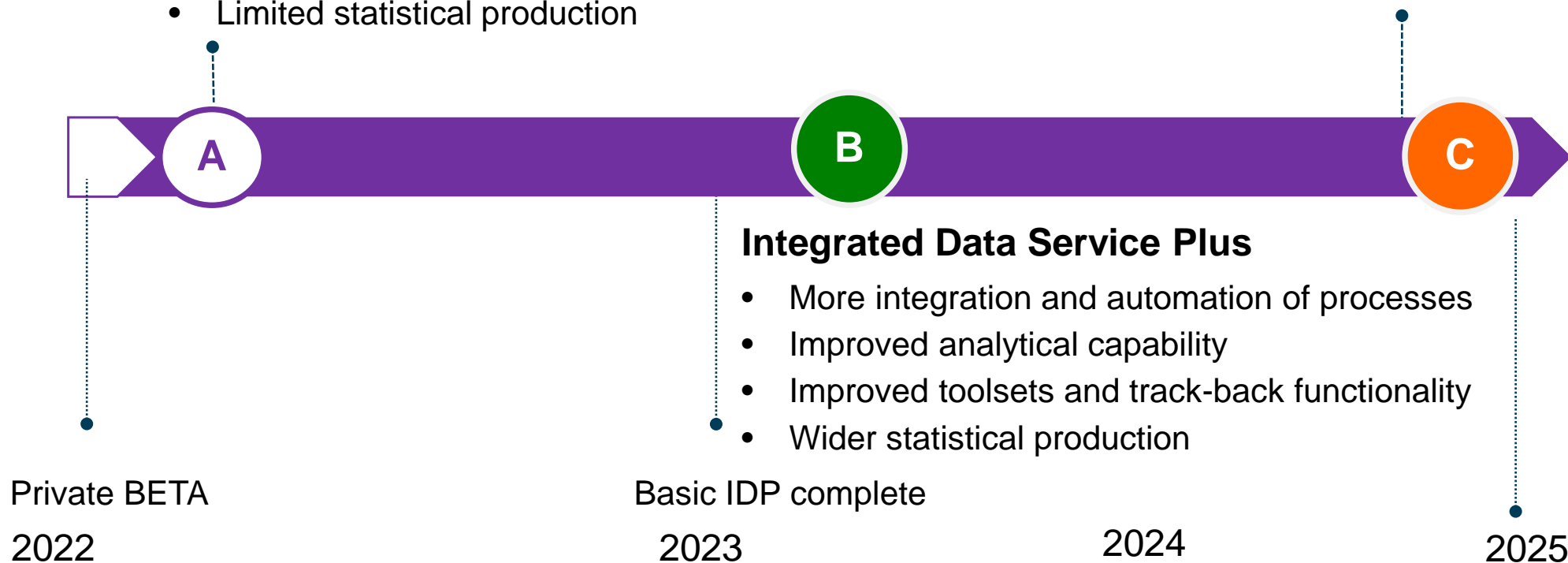
Phased delivery timeline

Basic Integrated Data Service

- Secure cloud platform
- Access to government, public sector and approved researchers
- Limited statistical production

Integrated Data Service with Commercial Use

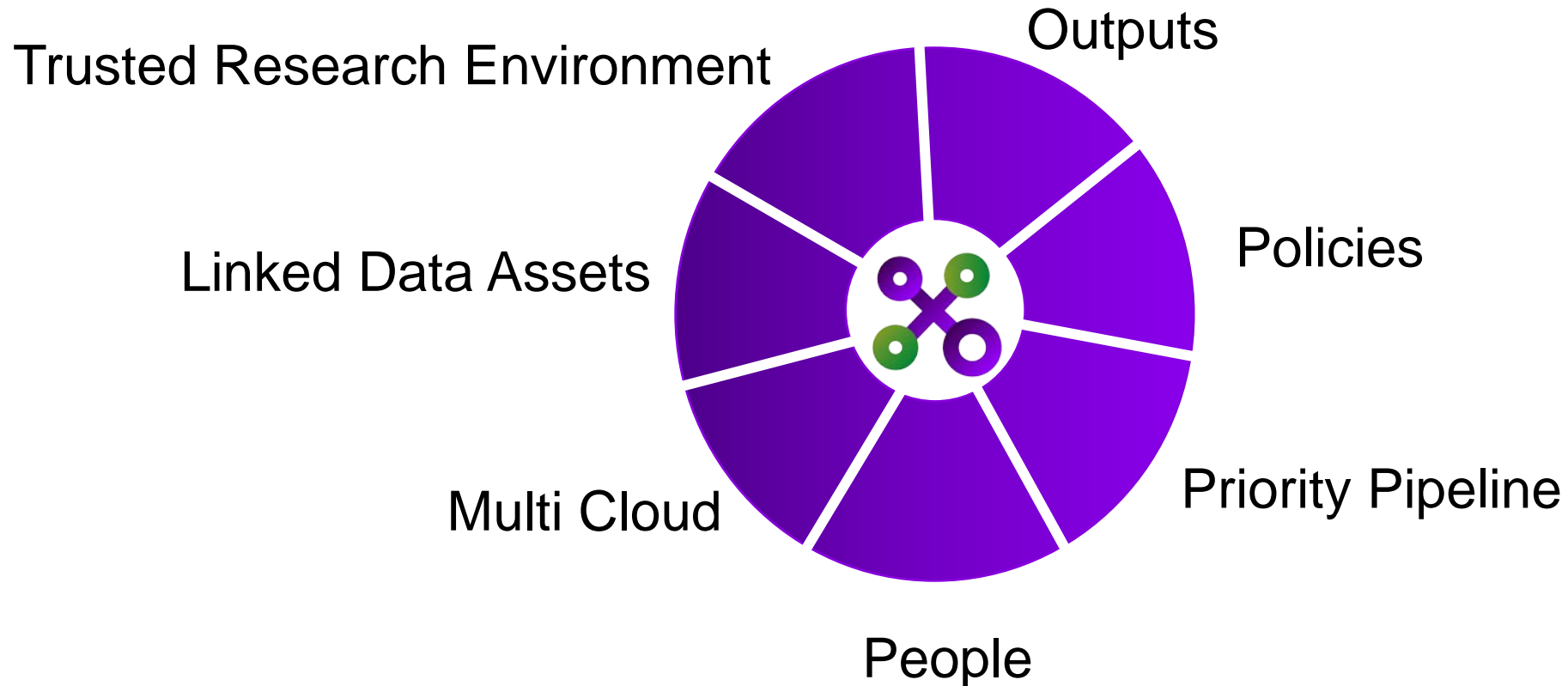
An assessment of legal and policy gateways to enable commercial use



Integrated Data Service Plus

- More integration and automation of processes
- Improved analytical capability
- Improved toolsets and track-back functionality
- Wider statistical production

IDS Programme Components



Key Achievements

- ✓ Submission and approval of the FBC and achieving a positive SR outcome
- ✓ The successful launch of the New Private Beta on 3 May 2022, providing a working, secure cloud platform with core security assurance.
- ✓ Successful launch of the IDS website, showcasing the official IDS branding.

“What can I do for IDS?”

- Subscribe to the IDS Newsletter (and tell your colleagues!)
- Tell us about further opportunities for engagement
- Tell us how we can support you – we’re interested in your work!



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