



BUREAU OF THE
Fiscal Service
U.S. DEPARTMENT OF THE TREASURY

Implementing the DATA Act

Understanding the “Data-Centric” Approach

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Implementation Goals and Approach

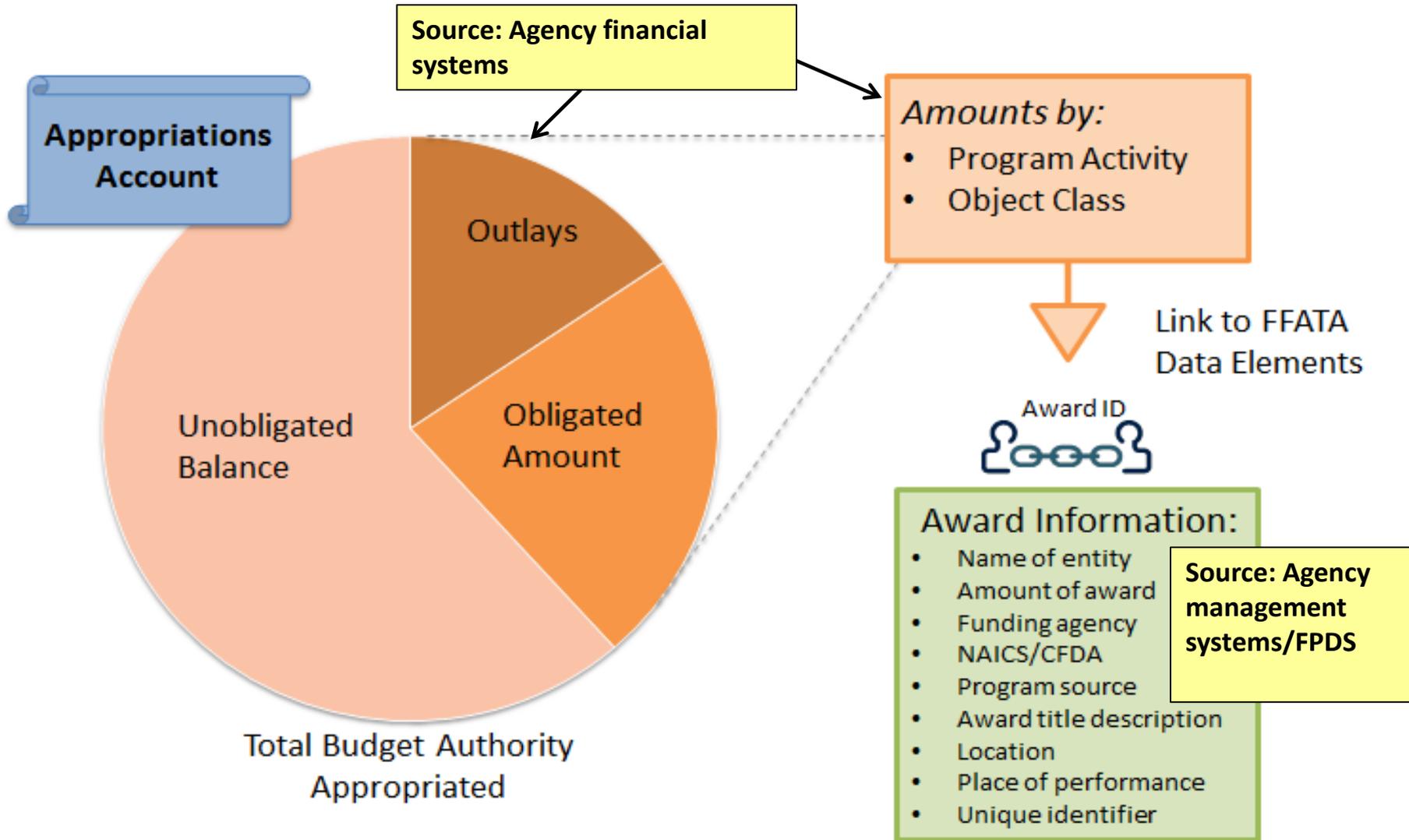
IMPLEMENTATION GOALS

- Capture and make available financial management data to enable the data consumers to **follow the complete life cycle of Federal spending** -- from appropriations to the disbursements of grants, contracts, and administrative spending
- **Standardized information exchanges** – definitions and format – to enable timely access to discoverable and reusable detail transaction level data
- Design and refine processes and systems to **streamline reporting requirements and reduce compliance costs** while improving transparency

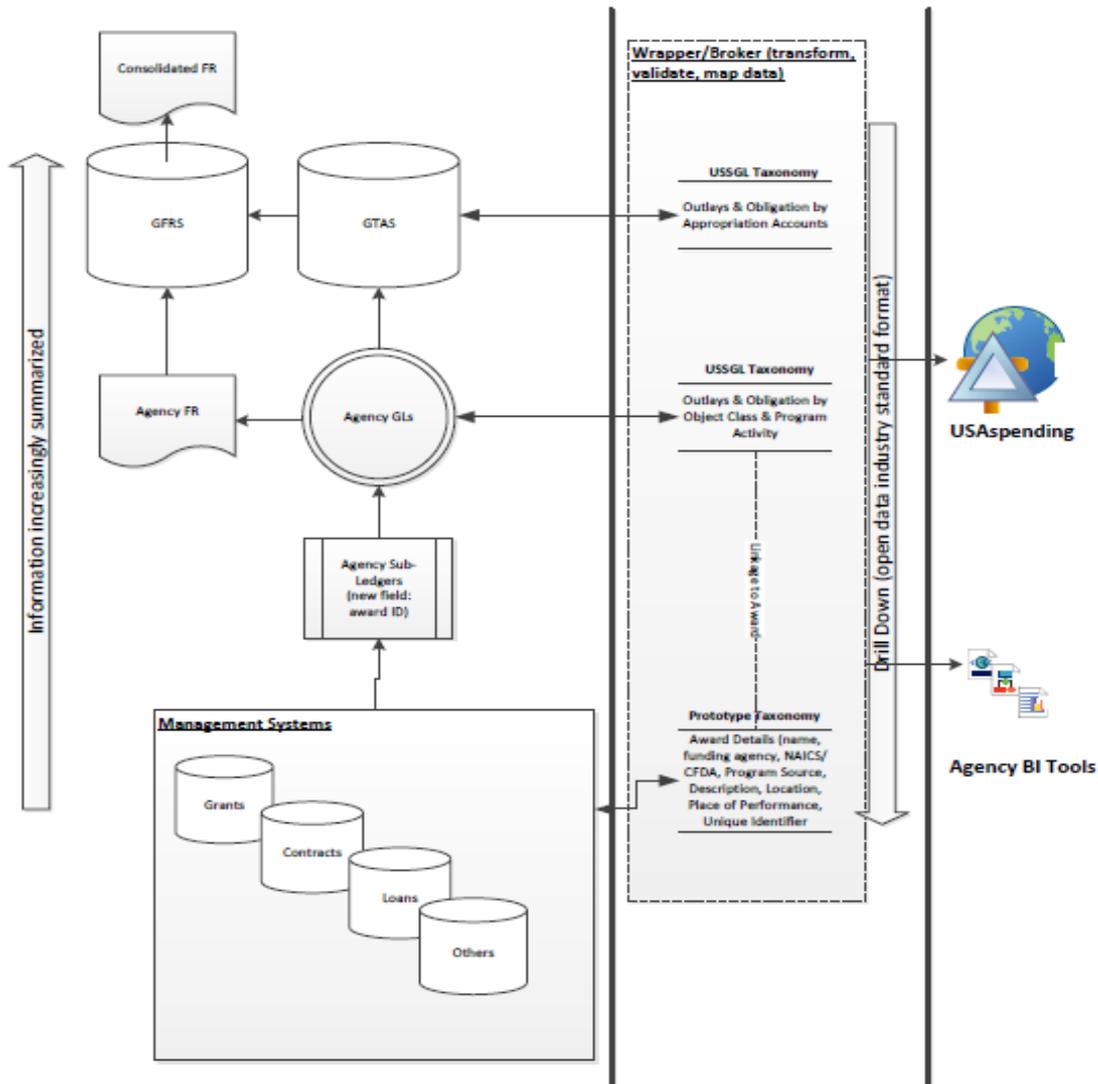
Implementation Approach

- Data-Centric
- Agency-Centric
- Iterative and Agile

DATA Act Requirements



High Level Data Flows



Broker:

- Aggregates Agency data from internal/external systems (e.g SAM, FPDS, Oracle, etc).

USAspending:

- Re-validates agency data
- Publishes/visualizes data

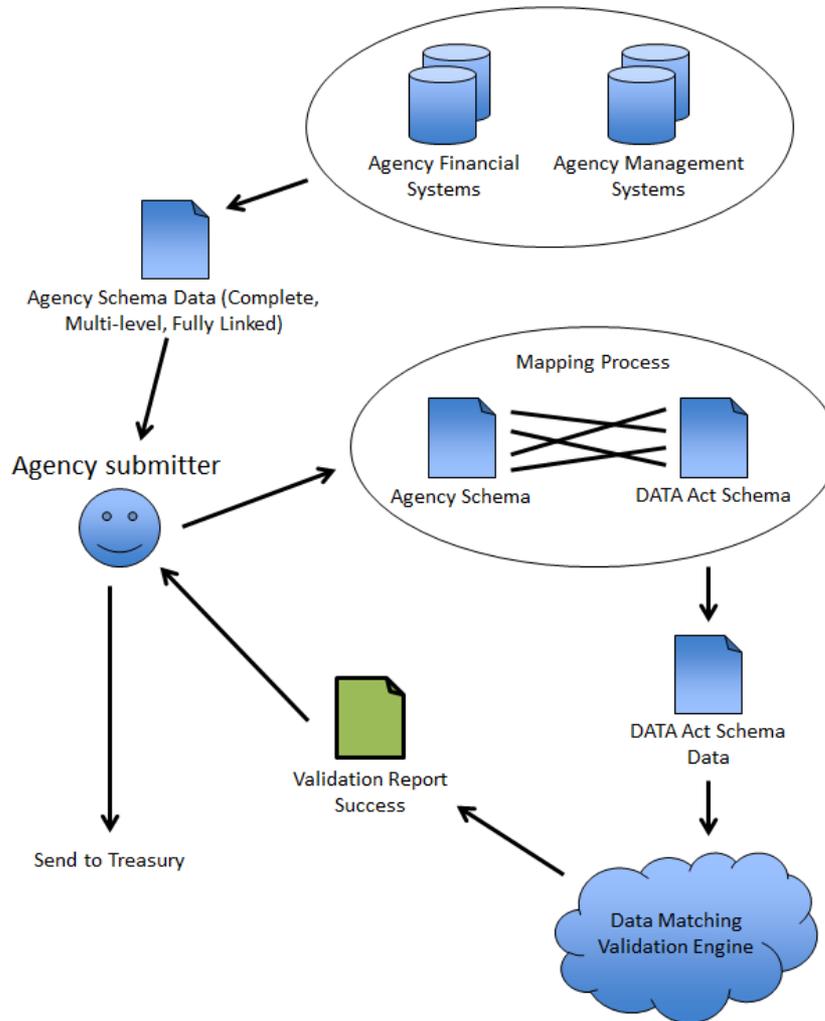
Agency BI Tools:

- Assists Agency managers with analyzing, transforming, and reporting data

Objectives of the Implementation Pilot

- Collect/publish as many of the 57 DATA Act elements over 5 months (learn what's easy/hard)
 - Build prototype broker*/documentation that's reusable by other agencies
 - Refine agency implementation guidance given lessons from pilot
 - Build initial UX for Beta site to publish data
 - Demonstrate Agile approach to implementation
- * Virtual data layer at Agency. Toolset which maps, ingests, transforms, validates, and submits agency data into a format consistent with the proposed taxonomy

Data Broker



Broker:

- Exists inside Agency's firewall;
- Maps Agency Schema to the DATA Act Schema
- Validates the data in the DATA Act Schema
- Provides validation report for further processing by the Agency
- If validation is successful, data is ready for Agency submission to Treasury