



OMB Circular A-16 Supplemental Guidance

FGDC Steering Committee
October 6, 2011

A-16 Supplemental Guidance

- ◆ Overview
- ◆ Data Themes
- ◆ Implementation Strategy
- ◆ Next Steps/Actions

Purpose of A-16 Guidance

- ◆ **Clarify** the objectives outlined in *OMB Circular A-16* (*Circular A-16*) and Executive Order (E.O.) 12906
- ◆ **Promote** systematic **portfolio management** for *Circular A-16* themes and associated data sets
- ◆ **Improve ability to coordinate and collaborate on completion of *Circular A-16* themes and associated data sets** by Federal agencies and their partners
- ◆ **Develop a process to modify *Circular A-16 Appendix E* themes and associated data sets** to reflect the current business of Federal agencies and their partners

Overview of A-16 Supplemental Guidance

- ◆ Released by OMB November 10, 2010
- ◆ Defines a portfolio management approach for managing geospatial data assets
- ◆ Reference documents available on FGDC.gov:
 - FGDC Federal Agency Representation
 - Key Stakeholder Roles and Responsibilities
 - Processes for Revising OMB Circular A-16 Appendix E: NSDI Geospatial Data Theme Principles
 - Stages of the Geospatial Data Lifecycle
 - Lexicon of Geospatial Terminology



Portfolio Management Definition

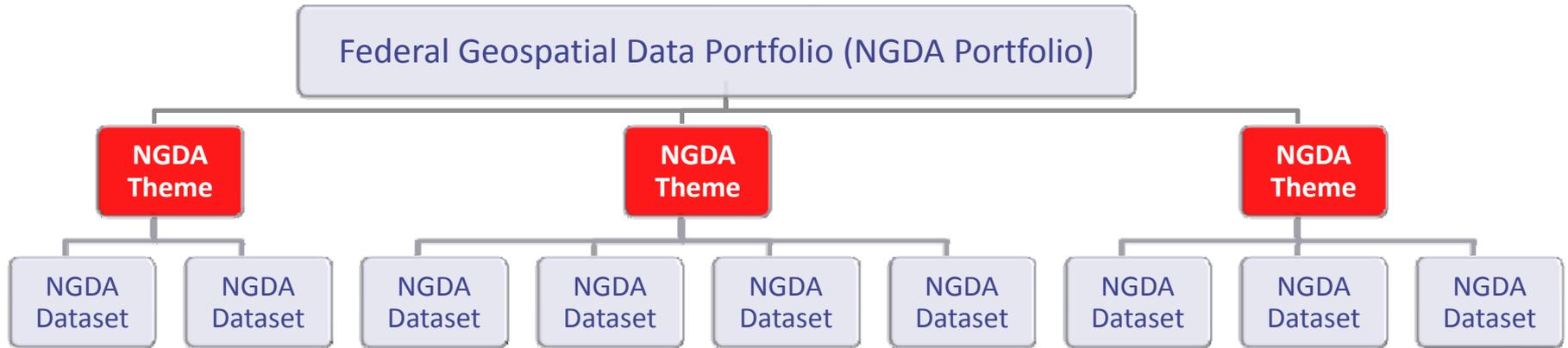
- ◆ Tracking, maintaining, expanding, aligning assets to address and solve business needs
- ◆ Understanding what assets exist and ensuring that data is authoritative (trusted), consistent, current, applicable, and resourced

Value of Portfolio Management

- ◆ Portfolio management will support:
 - A comprehensive approach for managing National Geospatial Data Assets
 - A trusted Data offering on the Geospatial Platform
 - Provides a better understanding of what data is available across agencies
 - Informed decision making
 - A basis for making sound investments



Organizing the Geospatial Portfolio



- ◆ Biota
- ◆ Cadastre
- ◆ Climate and Weather
- ◆ Cultural & Demographic Statistics
- ◆ Cultural Resources
- ◆ Elevation
- ◆ Geodetic Control
- ◆ Geology
- ◆ Governmental Units
- ◆ Imagery
- ◆ Land Use-Land Cover
- ◆ Real Property
- ◆ Soils
- ◆ Transportation
- ◆ Utilities
- ◆ Water – Inland
- ◆ Water – Oceans and Coasts

Why organize data into Themes?

- ◆ Many geospatial datasets can be related to a broader category (e.g., watershed boundaries, wetlands, and hydrography all relate to water)
- ◆ Datasets that are related can be managed most effectively when organized into logical units, or Themes

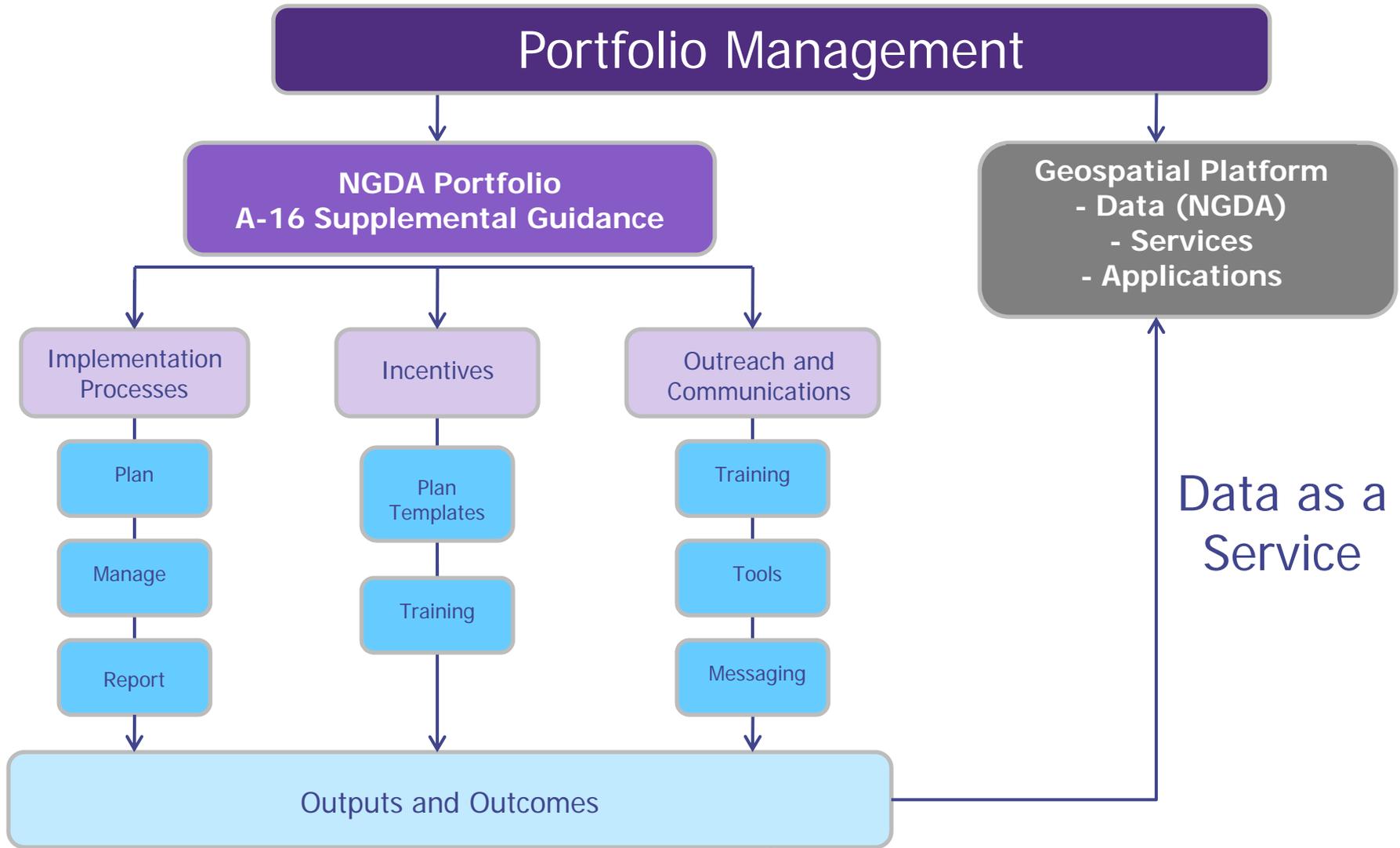
Benefits from using a Theme based Portfolio Management approach

- ◆ Datasets from multiple agencies/sources can be more effectively managed and delivered to meet public and government needs
- ◆ Investment and development needs and strategies for critical datasets can be effectively described and supported
- ◆ Sound data management practices can easily be shared across Themes

Things to keep in mind

- ◆ Portfolio based management is new and agencies will likely need to consider new approaches to managing certain data assets
- ◆ Agencies will need to collaborate with other agencies regarding data integration, documentation, access, etc.
- ◆ We will all need to be flexible as we gain experience with this approach

Proposed Implementation Strategy Diagram



Early Implementation Priorities

- ◆ Develop training materials and templates
- ◆ Educate agency leadership
- ◆ Develop Agency Implementation Plans identifying agency's Theme/Datasets and responsible personnel
- ◆ Complete Portfolio Management pilot(s)
- ◆ Initiate Theme Strategic/Implementation Plans

Each priority can be managed using "time boxes" to show progress

Steering Committee Actions

- ◆ Champion the A-16 Supplemental Guidance Implementation Strategy
- ◆ Familiarize yourself and your staff with roles and responsibilities (training available)
- ◆ Endorse and commit to Theme Lead Agency roles
- ◆ Select Themes for piloting processes
- ◆ Develop Agency Implementation Plans

Questions?

For additional questions please contact:

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