

2014-16 NSDI Strategic Plan

FY 2014 Status Report

October 30, 2014

Federal Geographic Data Committee
www.fgdc.gov

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Overview

Background

In fiscal year 2014, the Federal Geographic Data Committee (FGDC) completed a new strategic plan for the National Spatial Data Infrastructure (NSDI). The plan, which covers the years 2014-2016, describes a shared National vision for the sustainable continued development of the Nation's critical geospatial infrastructure and includes goals and objectives for the Federal government's role in achieving this vision.

Implementation Approach

The FGDC community is working collaboratively to implement the NSDI strategic plan. The FGDC Executive Committee has the lead responsibility for overseeing and monitoring the implementation of the plan. Designated Federal officials, appointed from the FGDC Executive Committee, are serving as executive champions for each of the objectives in the plan. The champions are responsible for overseeing action teams addressing each objective and its supporting actions. Implementation plans were developed for each of the objectives in the strategic plan, describing how the actions will be implemented and measured. The implementation plans were distributed to the FGDC community in June 2014. The Executive Champions submitted FY 2014 implementation status reports that are incorporated in this document. This report describes the implementation status of all of the actions and tasks included in the NSDI strategic plan and implementation plans.

Performance Summary

The NSDI strategic plan includes 3 strategic goals, 9 objectives, and 29 actions. The NSDI implementation plans include more detailed tasks and performance metrics for each of the actions in the strategic plan. The following is a summary of the implementation status:

- **FY 2014**: The status report includes 28 tasks for FY 2014. Of these tasks, 19 are reported as complete, and 9 are reported as in progress.
- **FY 2015/2016**: The status report includes 37 draft tasks for FY 2015 and FY2016. Currently, all of these draft tasks are reported as on schedule.

Next Steps

The FGDC Executive Committee will continue to monitor the implementation of the goals and objectives in the NSDI strategic plan. The Executive Committee and FGDC Secretariat will continue to keep the FGDC community and key partners, such as the National Geospatial Advisory Committee, apprised of the status of implementation. The Executive Committee and Secretariat will also seek feedback on strategies to improve the implementation process and more effectively communicate results.

Additional information on the NSDI strategic plan is available at: <http://www.fgdc.gov/nsdi-plan>

STRATEGIC GOAL 1 – DEVELOP CAPABILITIES FOR NATIONAL SHARED SERVICES

Objective 1.1: Develop geospatial interoperability reference architecture.

Anticipated Outcomes: More current, complete data available to all through improving capabilities for NSDI partners to develop, maintain, share, and use geospatial information. Cost savings through better leveraging of shared technology infrastructure across Federal agencies and among our partners.

Executive Champion: Dan Cotter (DHS)

Resources: DHS, PM-ISE, DOI, FGDC staff resources & contract support

Action 1.1.1. Establish reference architecture to assure interoperability utilizing published open service standards to share data among unclassified, controlled unclassified information (CUI), and classified domains and missions.

Action Responsibility: Dan Cotter (DHS), Program Manager – Information Sharing Environment (PM-ISE), FGDC Secretariat

Task	Target Date	Dependencies	Task Responsibility	Performance Indicators	Task Status	Comments
1.1.1.1. Develop draft Geospatial Information Reference Architecture (GIRA)	FY14 Q3	Development of the GIRA will require support from the following agencies: NGA, DOI, DHS	Program Manager – Information Sharing Environment (PM-ISE)	Metric: Completion of draft GIRA FY 14 Target: Draft completed and prepared for distribution for comments	Complete	Draft completed and distributed for comments
1.1.1.2. Review by participating agencies	FY14 Q4	- Timely review by NGA, DHS and DOI - Adjudication of comments	PM-ISE	Metric: Review of comments received from DHS, DOI, & NGA FY 14 Target: 100% comments adjudicated	In Progress	Comments received. Comment adjudication in progress.
1.1.1.3. Review by FGDC Agencies	FY14 Q4	FGDC Secretariat submit GIRA to FGDC member agencies and obtain review comments	FGDC to distribute, PM-ISE to adjudicate	Metric: Review of comments received FY 14 Target: 100% of comments received adjudicated	In Progress	Comments received. Comment adjudication in progress.
1.1.1.4. Final approval of GIRA by FGDC and transmittal to the Federal CIO Council for inclusion as a Federal Enterprise Architecture reference document	FY15 Q2	- Adjudication of all prior comments - Creating final GIRA document - Transmittal to Federal CIO Council	FGDC	Metric: Transmittal of GIRA to Federal CIO Council Draft FY 15 Target: 100% complete	On Schedule	

Action 1.1.2. Define the role of the Geospatial Platform as a technology and collaboration environment for unclassified geospatial information sharing.
Action Responsibility: Jerry Johnston (DOI)

Task	Target Date	Dependencies	Task Responsibility	Performance Indicators	Task Status	Comments
1.1.2.1. Develop components of GIRA that describe the role of the Geospatial Platform for information sharing	FY14 Q3	Development of the GIRA will require support from the following agencies: NGA, DOI, DHS	DOI	Metric: Draft completed and prepared for distribution for comments FY 14 Target: 100% complete	Complete	Text pertaining to the role of the Geospatial Platform was incorporated into the draft GIRA
1.1.2.2. Develop and present outreach and training materials to educate the community on the role of the Geospatial Platform for supporting information sharing	FY15 Q2	Adequate travel funding available to support travel	DOI	Metric: Presentation on Geospatial Platform role for information sharing environment at one national geospatial meeting Draft FY 15 Target: 100% complete	On Schedule	

Action 1.1.3. Identify Federal Chief Information Officer (CIO) Council requirements, shared services, and other infrastructure that can be reused and leveraged by the NSDI, including access control, search, and discovery.

Action Responsibility: Jerry Johnston (DOI), Geospatial Platform PMO, FGDC Secretariat

Task	Target Date	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
1.1.3.1. Develop and deliver briefing to CIO Council/ Shared Services Executive Steering Committee on Geospatial Platform and NSDI	FY15 Q2	n/a	Metric: Delivery of briefing Draft FY 15 Target: 100% complete	Jerry Johnston (DOI), Geospatial Platform PMO, FGDC Secretariat	On Schedule	
1.1.3.2. Work with OMB Financial Management LoB (OMB MAX team) to identify collaboration and technology re-use opportunities	FY15 Q2	n/a	Metric: Completion of outline / brief white paper on opportunities for sharing between MAX and Platform Draft FY 15 Target: 100% complete	Jerry Johnston (DOI), Geospatial Platform PMO	On Schedule	
1.1.3.3. Develop white paper on use/sharing of technology components existing within Departments and among the OMB shared services for the benefit of the NSDI	FY15 Q4	Feedback from other shared services and CIOC leadership on opportunities for leveraging are provided	Metric: Completion of white paper Draft FY15 Target: 100% complete	Jerry Johnston (DOI), Geospatial Platform PMO	On Schedule	

STRATEGIC GOAL 1 – DEVELOP CAPABILITIES FOR NATIONAL SHARED SERVICES

Objective 1.2: Establish the Geospatial Platform as the Federal geospatial data, services, and applications Web-based service environment

Anticipated Outcomes: Efficient, effective use of shared technology infrastructure to encourage and support better information sharing. Cost savings through shared geospatial investment planning.

Executive Champion: Jerry Johnston (DOI)

Resources: Managing Partner and partner agency staff support, Interagency funding support, Geospatial Platform development/PMO contract support.

Action 1.2.1. Establish Service Level or Interagency Agreements between and among government agencies and the Geospatial Platform Managing Partner.

Action Responsibility: Jerry Johnston, FGDC Secretariat

Task	Timeframe	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
1.2.1.1. Complete FY 14 Funding Agreements	FY14 Q4	- Action by partner agencies on draft agreements. - Availability of funds from partner agencies.	Metric: Completion of FY 14 Funding Agreements FY 14 Target: 100% of Agreements completed	Jerry Johnston, FGDC Secretariat	Complete	All available funding agreements (18 of 24) completed
1.2.1.2. Develop model Service Level Agreement (SLA) for customers hosting data on Platform	FY14 Q4	- Review and approval of draft SLA language	Metric: Completion of model SLA FY 14 Target: 100% complete	Jerry Johnston, FGDC Secretariat	In Progress	Data hosting offering postponed due to delay in awarding GeoPlatform support contract

Action 1.2.2. Establish the Geospatial Platform Oversight Body and develop its operating procedures, scope, and roles for Federal and non-Federal members.

Action Responsibility: Jerry Johnston, FGDC Secretariat

Task	Timeframe	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
1.2.2.1. Establish Charter for Geospatial Platform Oversight Body	FY15 Q1	- Completion of review and approval of draft Charter document	Metric: Completion of Charter Draft FY 15 Target: 100% complete	Jerry Johnston, FGDC Secretariat	On Schedule	.
1.2.2.2. Establish Geospatial Platform Oversight Body	FY15 Q3	- Selection and approval of Oversight Body members	Metric: Establishment of Oversight Body Draft FY 15 Target: 100% complete	Jerry Johnston, FGDC Secretariat	On Schedule	

Action 1.2.3. Implement the primary contracting mechanism to continue Geospatial Platform development and operations and maintenance for FY 2014 and beyond.

Action Responsibility: FGDC Secretariat, Roxanne Lamb

Task	Timeframe	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
1.2.3.1. Award contract for Geospatial Platform support	FY14 Q4	- Review by tech. team - Resolution of contract award protests, if applicable	Metric: Award of contract FY 14 Target: 100% complete	FGDC Secretariat, Roxanne Lamb	Complete	Contract awarded in FY 2014

Action 1.2.4. Implement communities of interest on the Geospatial Platform for collaboration, including a shared investment planning “Marketplace” and data theme communities, as outlined in OMB Circular A–16.

Action Responsibility: Jerry Johnston, Geospatial Platform PMO

Task	Timeframe	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
1.2.4.1. Establish Geospatial Platform Marketplace as operational capability	FY14 Q2	- Review and testing of new capabilities - Participation by agencies in listing their Marketplace records	Metric: Establishment of Marketplace capability FY 14 Target: 100% complete	Jerry Johnston, Geospatial Platform PMO	Complete	
1.2.4.2. Establish initial capabilities for A-16 Theme communities on Geospatial Platform	FY14 Q4	- Completion of initial format and design for A-16 communities	Metric: Establishment of initial capabilities for A-16 communities FY 14 Target: 100% complete	Jerry Johnston, Geospatial Platform PMO	Complete	
1.2.4.3. Define workflow for creating new communities on Geospatial Platform	FY15 Q2	- Review and approval of workflow	Metric: Completion of workflow document Draft FY 15 Target: 100% complete	Jerry Johnston, Geospatial Platform PMO	On Schedule	

Action 1.2.5. Develop guidance for Federal agencies and their partners that describes how to use the Geospatial Platform to store and publish data and metadata and how to use services in the Platform’s common hosting infrastructure.

Action Responsibility: FGDC Secretariat

Task	Timeframe	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
1.2.5.1. Develop draft guidance for use of the Geospatial Platform	FY14 Q4	- Input from partners and technical team	Metric: Completion of draft guidance FY 14 Target: 100% complete	FGDC Secretariat	Complete	Guidance includes instruction on use of current Platform capabilities
1.2.5.2. Finalize guidance for use of the Geospatial Platform	FY15 Q2	- Review and approval of final document	Metric: Completion of final guidance Draft FY 15 Target: 100% complete	FGDC Secretariat	On Schedule	

Action 1.2.6. Solicit advice and recommendations from the NGAC and community partners on ways to expand and enhance the Geospatial Platform for broader use and value by the non-Federal community. Action Responsibility: Jerry Johnston, FGDC Secretariat						
Task	Timeframe	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
1.2.6.1. Include section on Geospatial Platform in 2014 FGDC Guidance to NGAC	FY14 Q2	- Review and approval of guidance	Metric: Inclusion of Platform language in 2014 NGAC Guidance FY 14 Target: 100% complete	Jerry Johnston, FGDC Secretariat	Complete	
1.2.6.2. Provide briefings and seek feedback from NGAC on Platform developments	FY15 Q4	- Identification and refinement of input needed from NGAC and partners	Metric: Completion of NGAC briefings/feedback Draft FY 15 Target: 100% complete	Jerry Johnston, FGDC Secretariat	On Schedule	

Action 1.2.7. Define the concept and develop an implementation plan for a “Data as a Service” offering within the Geospatial Platform Marketplace. Action Responsibility: Jerry Johnston, Geospatial Platform PMO						
Task	Timeframe	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
1.2.7.1. Develop concept paper for Platform Marketplace DAAS offering	FY15 Q2	- Input from agencies, partners, and technical team on draft paper	Metric: Completion of concept paper Draft FY 15 Target: 100% complete	Jerry Johnston, Geospatial Platform PMO	On Schedule	
1.2.7.2. Complete implementation plan for Platform Marketplace DAAS offering	FY15 Q4	- Review and approval of implementation plan	Metric: Completion of implementation plan Draft FY 15 Target: 100% complete	Jerry Johnston, Geospatial Platform PMO	On Schedule	

STRATEGIC GOAL 1 – DEVELOP CAPABILITIES FOR NATIONAL SHARED SERVICES

Objective 1.3: Expand the use of cloud computing

Anticipated Outcomes: Commodity-based cost savings and avoidance with shared cloud-hosting capabilities for the benefit of all NSDI partners.

Executive Champions: Angela Smith (GSA); Stephen Lowe (USDA)

Resources: DOI, FGDC agency staff resources, interagency funding, Geospatial Platform PMO support

Action 1.3.1. Define the Department of the Interior (DOI) Foundation Cloud Services consumer requirements, scope of service levels, and repeatable workflows for Geospatial Platform users

Action Responsibility: Jerry Johnston, Geospatial Platform PMO

Task	Timeframe	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
1.3.1.1. 1) Draft acquisition Task Order and government cost estimate for Cloud-aaS using a DOI-sanctioned vehicle, and complete review by FGDC Executive Committee; 2) Develop draft performance work statement measures/metrics	FY14 Q4	- Technical Team input on draft task order - Contract Officer input on PWS - Customer validated Service Level Agreement (template/ cafeteria menu) - Formalize funding business model	Metric: Completion of draft Task Order FY 14 Target: 100% complete	Geospatial Platform Core Team	In Progress	Draft Task Order completed; Awaiting DOI team government cost estimate; PMO requested FGDC Executive Committee review
1.3.1.2. Execute CloudaaS Task Order to initiate Geospatial Platform server hosting	FY15 Q2	- Funding allocations and obligations - Review and approval of task order by contract/legal staff	Metric: Completion of final Task Order Draft FY 15 Target: 100% complete	Geospatial Platform PMO	On Schedule	
1.3.1.3. Complete memorandum announcing Shared Cloud hosting and managed services bundles	FY15 Q2	- Review and approval of memorandum and guide - Pre-brief OMB and CIO Council	Metric: Completion and distribution of memorandum and guide Draft FY 15 Target: 100% complete	Geospatial Platform PMO	On Schedule	

Action 1.3.2. Provide guidance, best practices, and case studies for agencies considering migration of agency stored content and services to commodity cloud providers.

Action Responsibility: TBD

Task	Timeframe	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
1.3.2.1. Host one-day tutorial workshop for agency geospatial leads to learn about options available to agencies for geospatial services based on Platform GeoCloud PaaS and ArcGIS Online SaaS.	FY15 Q2	<ul style="list-style-type: none"> - Agency and FGDC team input on workshop plans - Commitment from agencies to participate - Facilitation and meeting planning support - Consider standup of next generation Geospatial Cloud Sandbox environment to test agency feasibility and adoption 	<p>Metric: Completion of workshop</p> <p>Draft FY 15 Target: 100% complete</p>	Geospatial Platform PMO	On Schedule	
1.3.2.2. Develop workshop report highlighting tutorial materials, best practices, and case studies for use of geospatial cloud services.	FY15 Q3	<ul style="list-style-type: none"> - Writing and editing support from agencies and FGDC/Geo PMO - Establish publication website/portal, and channels with traffic measures - Facilitate agency user community of practice as self-managed group to accelerate rate of adoption - Consider hosting open Geospatial Platform “hackathon” event for generation of new ideas, solutions, methods, data, etc., based on report findings 	<p>Metric: Completion of workshop report</p> <p>Draft FY 15 Target: 100% complete</p>	Geospatial Platform PMO	On Schedule	

Action 1.3.3. Develop an options paper for expanding the currently defined common hosting environment with capabilities available in the commercial market.

Action Responsibility: TBD

Task	Timeframe	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
1.3.3.1. Perform and document market review of existing geospatial service hosting options that support endorsed standards to enable Platform community publishers to host compatible data and services.	FY16 Q1	<ul style="list-style-type: none"> - One year of experience in the Shared Services environment, integrating standard distributed services via the Geoplatform.gov website. - Identification and testing of valid market research factors for comparison 	<p>Metric: Completion of market review</p> <p>Draft FY 16 Target: 100% complete</p>	Geospatial Platform PMO	On Schedule	

STRATEGIC GOAL 1 – DEVELOP CAPABILITIES FOR NATIONAL SHARED SERVICES

Objective 1.4: Promote the use of geospatial multiagency acquisition vehicles for interagency and intergovernmental purchases

Anticipated Outcomes: Cost savings through better leveraging of governmental purchasing power when buying geospatially related goods and services for the benefit of multiple partners.

Executive Champion: Angela Smith (GSA), Stephen Lowe (USDA)

Resources: GSA/USDA/FGDC staff resources

Action 1.4.1. Inventory available and planned geospatial acquisition vehicles open to Federal agencies and non-Federal partners.

Action Responsibility: Angela Smith (GSA), Stephen Lowe (USDA)

Task	Timeframe	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
1.4.1.1. Complete implementation Action Plan for Objective 1.4 (FY 15 implementation)	FY15 Q2	Coordination with appropriate agencies	Metric: Completion of Action Plan Draft FY 15 Target: 100% complete	Angela Smith, Stephen Lowe	On Schedule	Implementation Plan for Objective 1.4 to be completed in FY 15 Q2

Action 1.4.2. Create a mechanism for sharing information on the availability and use of consolidated acquisition vehicles.

Responsibility: Angela Smith (GSA), Stephen Lowe (USDA)

Task	Timeframe	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
1.4.2.1. Complete implementation Action Plan for Objective 1.4 (FY 15 implementation)	FY15 Q2	Coordination with appropriate agencies	Metric: Completion of Action Plan Draft FY 15 Target: 100% complete	Angela Smith, Stephen Lowe	On Schedule	Implementation Plan for Objective 1.4 to be completed in FY 15 Q2

STRATEGIC GOAL 2 – ENSURE ACCOUNTABILITY AND EFFECTIVE DEVELOPMENT AND MANAGEMENT OF FEDERAL GEOSPATIAL RESOURCES

Objective 2.1: Advance the portfolio management process for National Geospatial Data Assets (NGDA)

Anticipated Outcomes. Increased access to high-priority, documented, and standards-based national geospatial datasets and services. Enhanced level of transparency into Federal activities and resources required to manage and provide access to geospatial resources.

Executive Champions: Adrian Gardner (FEMA), Ivan DeLoatch (FGDC)

Resources: NGDA Dataset Managers, NGDA Theme Leads, Executive NGDA Theme Champions, NGDA Theme Lead Agency(s), FGDC Steering Committee, OMB, GeoPlatform.gov Team, Support from Stakeholders and Community of Interest (COI)

Action 2.1.1. Identify foundational NGDAs and high-priority data themes and datasets to be included in NSDI portfolio management.

Action Responsibility: FGDC Secretariat

Task	Timeframe	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
2.1.1.1. Identify Initial Baseline of NGDA Datasets (NGDA Management Plan: Action 1B.1)	Initiation Date: FY12 Q1 Completion Date: FY14 Q3	NGDA Dataset Managers, NGDA Theme Leads, and support staff are identified; NGDA Theme Leads working with NGDA Dataset Managers and contributing agencies to incorporate datasets into the existing NGDA Theme/ Dataset crosswalk tables	Metric: Initial NGDA Datasets identified Target: FY14 Q3, 100%	NGDA Theme Leads, NGDA Dataset Managers with support from Stakeholders, and Community of Interest (COI)	Complete	NGDA Dataset list is available at http://www.fgdc.gov/initiatives/resources/ngda-master-dataset-list
2.1.1.2. Complete and Submit NGDA Dataset Maturity Baseline Assessment (NGDA Management Plan: Action 2A.1)	Initiation Date: FY15 Q1 Completion Date: FY15 Q3	NGDA Dataset Maturity Annual Assessment Survey complete; list of discoverable NGDA Datasets available on the GeoPlatform.gov/ Data.gov Catalog; availability of Dataset Manager and (or) Data Steward to perform the maturity assessment; availability of GeoPlatform.gov tool to complete assessment	Metric: NGDA Dataset Maturity Assessment complete Draft Target: FY15 Q1, 30%; FY15 Q3, 100%	NGDA Dataset Managers	On Schedule	Work to be initiated FY15 Q1
2.1.1.3. Complete and Submit NGDA Theme Administrative Maturity Baseline Assessment (NGDA Management Plan: Action 2A.2)	Initiation Date: FY15 Q1 Completion Date: FY15 Q4	Assessment questionnaire completed and available, NGDA Theme Leads complete assessment	Metric: NGDA Theme Administrative Maturity complete Draft Target: FY15 Q1, 40%; FY15 Q4, 100%; FY16 and beyond, Ongoing	NGDA Theme Leads	On Schedule	Work to be initiated FY15 Q1

Action 2.1.2. Define Federal roles and responsibilities in national data management, including metadata and data delivery, taking into account OMB Circular A-16 Supplemental Guidance portfolio management requirements, the Open Data Policy, Geospatial Platform, Data.gov, and other relevant requirements.						
Action Responsibility: FGDC Secretariat						
Task	Timeframe	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
2.1.2.1. Develop a Process for Selecting and Maintaining Executive NGDA Theme Champions, NGDA Theme Leads, and NGDA Dataset Managers (NGDA Management Plan: Action 1A.1)	Initiation Date: FY12 Q1 Completion Date: FY14 Q4	Ability and (or) willingness of agencies to comply with process	Metric: Process developed and roles filled Target: FY14 Q4, 100% FY15 and beyond, Ongoing	NGDA Theme Lead Agency(s)	Complete	Task complete
Action 2.1.3. Finalize and implement the Circular A-16 Portfolio Implementation Plan to include reporting investments and defining investment requirements.						
Action Responsibility: FGDC Secretariat						
Task	Timeframe	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
2.1.3.1. Review/Revise the Definition of Geospatial Investment and Budget Reporting Codes (NGDA Management Plan: Action 1E.1)	Initiation Date: FY14 Q3 Completion Date: FY15 Q1	Establish a chartered interagency team to develop a standard definition	Metric: Geospatial Investment and Budget Reporting Codes defined Draft Target: FY15 Q1, 100%	FGDC Steering Committee, OMB	On Schedule	Subset of the ExCom has formed a team to complete task
2.1.3.2. Apply the Geospatial Investment Definition and Budget Reporting Codes (NGDA Management Plan: Action 1E.2)	Initiation Date: FY15 Q2 Completion Date: FY16 Q4	The availability of the standard definition and coding as well as the rate at which individual agencies can integrate them into their budget and CPIC business processes (as most of the investment is in data, there will need to be a change in the CPIC process that is system and not data focused); ability to take investments that are often not line items and link them to the budget levels	Metric: Agencies have instituted revised definition and coding Draft Target: FY16 Q4, 30%; FY17 and beyond, Ongoing	OMB, Theme Lead Agency(s) with support from FGDC Steering Committee	On Schedule	Work to be initiated FY15 Q2

Action 2.1.3. Finalize and implement the Circular A-16 Portfolio Implementation Plan to include reporting investments and defining investment requirements.

Action Responsibility: FGDC Secretariat

Task	Timeframe	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
2.1.3.3. Develop the A-16 NGDA Portfolio-level Processes, Reporting Requirements, and Roles and Responsibility Requirements for Federal Geospatial Portfolio Management (NGDA Management Plan: Action 2E.1)	Initiation Date: FY14 Q3 Completion Date: FY15 Q4	NGDA Theme Leads and (or) NGDA Dataset Managers have access to pertinent financial information; geospatial investments are defined and coding implemented	Metric: Developed the A-16 processes, reporting requirements, and roles and responsibility requirements Draft Target: FY15 Q4, 100%	FGDC Steering Committee, Executive NGDA Theme Champions	On Schedule	The roles and responsibilities process being established, baseline assessments, and other inputs to the Portfolio Summary report are underway as documented in the August 21, 2014 Theme Lead meeting, result from Task 2.1.3.2 (Geospatial investments are defined and coding implemented) will be used in this task
2.1.3.4. Develop a Process for Federal Agencies to Identify Resources Required for Managing Geospatial Data Beyond Their Agency's Mission (NGDA Management Plan: Action 2E.2)	Initiation Date: FY15 Q1 Completion Date: FY16 Q4	Existing collaborative environment among Federal agencies to support NGDA Datasets; financial and personnel requirements are forwarded through Executive NGDA Theme Champions and the FGDC Steering Committee for investment directed to meet agency requirements	Metric: Process developed Draft Target: FY16 Q4, 100%	FGDC Steering Committee, Executive NGDA Theme Champions, NGDA Theme Lead Agency(s)	On Schedule	Work to be initiated FY15 Q1

Action 2.1.4. Develop a process for monitoring and reporting on the progress of Circular A-16 Data Theme and Geospatial Platform Community management responsibilities, including the use and proliferation of content and technology standards.

Action Responsibility: FGDC Secretariat

Task	Timeframe	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
2.1.4.1. Develop NGDA Dataset Maturity Baseline Assessment Survey and Tool (NGDA Management Plan: Action 1D.1)	Initiation Date: FY13 Q2 Completion Date: FY14 Q4	Availability of agency representatives to participate in the development team to complete the Maturity Annual Assessment Survey and to provide requirements for the tool. GeoPlatform.gov Team to develop survey tool	Metric: Survey and tool complete Target: FY14 Q4, 100%	NGDA Dataset Managers, NGDA Theme Leads, GeoPlatform.gov Team	In Progress	Survey review continuing into FY15 Q1. Target postponed due to delay in awarding GeoPlatform support contract.
2.1.4.2. Develop NGDA Dataset Report Template and Tool (NGDA Management Plan: Action 1D.2)	Initiation Date: FY14 Q3 Completion Date: FY15 Q1	NGDA Dataset Maturity Annual Assessment Survey, maturity report, and reporting tool are available. Availability of agency representatives to participate in the team to develop the requirements and the template. GeoPlatform.gov Team to build Report Tool	Metric: Template and Tool complete Draft Target: FY15 Q1, 100%	NGDA Theme Leads, NGDA Dataset Managers, GeoPlatform.gov Team	On Schedule	Dependencies: NGDA Dataset Maturity Annual Assessment Survey complete (Task 2.1.4.1)
2.1.4.3. Develop NGDA Theme Administrative Maturity Baseline Assessment Survey and Tool (NGDA Management Plan: Action 1D.3)	Initiation Date: FY14 Q1 Completion Date: FY14 Q4	Availability of agency representatives to participate in the team to complete the Maturity Annual Assessment Survey and provide requirements for the tool. GeoPlatform.gov Team to build Survey Tool	Metric: Survey and tool complete Target: FY14 Q4, 100%	NGDA Theme Leads, GeoPlatform.gov Team	In Progress	Survey review continuing into FY15 Q1. Target postponed due to delay in awarding GeoPlatform support contract.

Action 2.1.4. Develop a process for monitoring and reporting on the progress of Circular A-16 Data Theme and Geospatial Platform Community management responsibilities, including the use and proliferation of content and technology standards.

Action Responsibility: FGDC Secretariat

Task	Timeframe	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
2.1.4.4. Develop NGDA Strategic Theme Plan Template and Tool (NGDA Management Plan: Action 1D.4)	Initiation Date: FY14 Q4 Completion Date: FY15 Q2	Availability of a team to develop templates for the plan and tool; list of required metrics; inputs from the Priority Setting/Budget Process	Metric: Template and Tool complete Draft Target: FY15 Q2, 100%	NGDA Theme Leads, GeoPlatform.gov Team	On Schedule	Draft template complete and in review.
2.1.4.5. Develop NGDA Theme Report Template and Tool (NGDA Management Plan: Action 1D.5)	Initiation Date: FY14 Q4 Completion Date: FY15 Q3	NGDA Theme Administrative Maturity Annual Assessment Survey Report; availability of agency representatives to participate in the team to develop the requirements and the template	Metric: Template and Tool complete Draft Target: FY15 Q3, 100%	NGDA Theme Leads, GeoPlatform.gov Team	On Schedule	
2.1.4.6. Develop NGDA Services and (or) Applications Investment Report Template, Tool, and Report (NGDA Management Plan: Action 1D.6)	Initiation Date: FY15 Q3 Completion Date: FY16 Q2	GeoPlatform.gov Team availability; Priority Setting/Budget Process requirements provided	Metric: NGDA Services and (or) Applications Investment Report template complete; CPIC harvesting algorithms complete; NGDA Services and (or) Applications Investment Report 100% complete Draft Target: FY15 Q4, NGDA Services and (or) Applications Investment Report template 100% complete; CPIC harvesting algorithms 100% complete; FY16 Q2, NGDA Services and (or) Applications Investment Report 100% complete; FY17 and beyond, Ongoing	GeoPlatform.gov Team, Executive NGDA Theme Champions, NGDA Theme Leads	On Schedule	Work to be initiated FY15 Q3

Action 2.1.4. Develop a process for monitoring and reporting on the progress of Circular A-16 Data Theme and Geospatial Platform Community management responsibilities, including the use and proliferation of content and technology standards.

Action Responsibility: FGDC Secretariat

Task	Timeframe	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
2.1.4.7. Develop NGDA Portfolio Summary Report Template and Tool (NGDA Management Plan: Action 1D.7)	Initiation Date: FY15 Q4 Completion Date: FY16 Q3	FGDC Steering Committee input from Priority Setting/Budget Process; availability of Theme report to harvest and summarize information into summary report	Metric: Template and Tool complete Draft Target: FY16 Q3, NGDA Portfolio Summary Report Template and Tool 100% complete	GeoPlatform.gov Team, FGDC Steering Committee, Executive NGDA Theme Champions, NGDA Theme Leads	On Schedule	Work to be initiated FY15 Q4

STRATEGIC GOAL 2 – ENSURE ACCOUNTABILITY AND EFFECTIVE DEVELOPMENT AND MANAGEMENT OF FEDERAL GEOSPATIAL RESOURCES

Objective 2.2: Identify potentially duplicative investments and opportunities for collaborative investments

Anticipated Outcomes: Additional information is publicly available on geospatial acquisition plans resulting in cost efficiencies and decreased duplication of effort. Enhanced return on geospatial investments through partnerships across Federal and non-Federal sectors.

Executive Champion: Jerry Johnston (DOI)

Resources: DOI, FGDC agency staff resources, Geospatial Platform PMO support

Action 2.2.1. Provide guidance and instructions to Federal agencies on use of the Geospatial Platform Marketplace.

Action Responsibility: Jerry Johnston (DOI), Geospatial Platform PMO

Task	Timeframe	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
2.2.1.1. Provide FGDC guidance for use of the Marketplace to FGDC member agencies	FY14 Q3	None	Metric: Submittal of guidance to FGDC agencies FY 14 Target: 100% complete	Jerry Johnston (DOI)	Complete	Guidance signed by FGDC Chair and distributed to FGDC agencies FY 14 Q2.
2.2.1.2. Provide draft guidance on use of the Marketplace that each FGDC member can customize for issuance of their own internal policies	FY14 Q3	Completion of Task 2.2.1.1	Metric: Submittal of draft guidance for customization to FGDC agencies FY 14 Target: 100% complete	Jerry Johnston (DOI)	Complete	Draft guidance template for FGDC member customization was attached to the Marketplace Guidance memo.

Action 2.2.2. Develop process and technology implementation to track use of the Geospatial Platform Marketplace and cost savings/avoidance through its application.

Action Responsibility: Jerry Johnston (DOI), Geospatial Platform PMO

Task	Timeframe	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
2.2.2.1. Prototype and/or mockup of cost savings/avoidance report with ties to data sources and collection methodology	FY15 Q2	Agencies publish some planned acquisitions / collections to the Marketplace	Metric: Prototype submitted to FGDC Coordination Group for review and feedback Draft FY 15 Target: 100% complete	Geospatial Platform Technical Team	On Schedule	
2.2.2.2. Implementation of Marketplace performance metrics dashboard on geoplatform.gov	FY16 Q1	Adequate funding support for technical development of Geospatial Platform is available	Metric: Dashboard available on geoplatform.gov Draft FY 16 Target: 100% complete	Geospatial Platform Technical Team	On Schedule	

Action 2.2.3. Solicit feedback from the Geospatial Platform user community on future requirements for Marketplace functionality. Action Responsibility: Jerry Johnston (DOI), Geospatial Platform PMO						
Task	Timeframe	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
2.2.3.1. Solicit feedback on Marketplace from attendees at national geospatial meetings (e.g., Esri International User Conference, Hexagon Conference, MAPPs meetings)	FY14 Q3	Availability of adequate travel funding and support to facilitate Geospatial Platform leadership attendance at meetings	Metric: National conference presentations on Platform given with feedback sessions FY 14 Target: Presentations at two (2) national conferences	Jerry Johnston (DOI), Ivan DeLoatch (FGDC)	Complete	

STRATEGIC GOAL 3 – CONVENE LEADERSHIP OF THE NATIONAL GEOSPATIAL COMMUNITY

Objective 3.1: Lead and participate in the development and coordination of national and international standards applicable to the geospatial community.

Anticipated Outcomes: Greater adoption and utilization of standards resulting in enhanced interoperability of geospatial data, services, and systems. Decreased barriers to exchanging geospatial content effectively and efficiently by reducing technical impediments to sharing geospatial data and services.

Executive Champions: Michelle Motsko, (NGA), Ivan DeLoatch (FGDC)

Resources: NGDA Dataset Managers, NGDA Theme Leads, Executive NGDA Theme Champions, NGDA Theme Lead Agency(s), FGDC Steering Committee, OMB, GeoPlatform.gov Team, Support from Stakeholders and Community of Interest (COI), FGDC Subcommittees/Working Groups

Action 3.1.1. Consult and collaborate with both existing and emerging geospatial communities to advance common standards and approaches

Action Coordinator: FGDC Secretariat

Task	Timeframe	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
3.1.1.1. Identify, monitor and participate in existing and emerging external geospatial communities (for example, VGI, indoor navigation, mobile applications)	Initiation Date: FY14 Q3 Completion Date: FY16 Q4 (this is a periodic effort that will extend beyond the life of the NSDI Strategic Plan.)	Existing and emerging external geospatial communities are identified. These communities are contacted. Information about existing and potential opportunities for consultation and collaboration is collected and disseminated.	Metric: Periodic distribution of information about existing and potential opportunities for consultation and collaboration online. FY 14 Target: At least one information outreach cycle.	NGDA Dataset Managers, Theme Leads, Executive Theme Champions, and Theme Lead Agencies; FGDC Subcommittees/WGs	Complete	Existing geospatial standards communities include: INCITS L1, Geographic Information Systems; ISO TC 211, Geographic information/Geomatics; and the Open Geospatial Consortium. The Open Geospatial Consortium has been the principal means by which we have identified emerging geospatial communities.

Action 3.1.2. Develop strategic partnerships with existing standards development organizations.

Action Coordinator: FGDC Secretariat

Task	Timeframe	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
<p>3.1.2.1. Identify gaps and opportunities for partnerships with existing standards development organizations.</p>	<p>Initiation Date: FY14 Q3 Completion Date: FY16 Q4 (this is a periodic effort that extends beyond the life of the NSDI Strategic Plan.)</p>	<p>Existing standards development organizations (SDOs) are identified. "Strategic partnership" is defined. FGDC membership participation in these SDOs is inventoried and documented to identify gaps and opportunities. Register is designed, deployed on fgdc.gov, and periodically updated.</p>	<p>Metric: Register of FGDC participation in existing standards development organizations. Target FY 14: 50% complete</p>	<p>NGDA Dataset Managers, Theme Leads, Executive Theme Champions, and Theme Lead Agencies; FGDC Subcommittees and Working Groups; current FGDC membership in standards development organizations (for example, FGDC Standards WG, Geospatial-Intelligence Standards WG, INCITS L1, ISO TC 211, OGC)</p>	<p>In Progress</p>	<p>Principal geospatial SDOs in which FGDC member agencies participate are: INCITS Technical Committee L1, Geographic information systems; ISO Technical Committee 211, Geographic information/Geomatics; and the Open Geospatial Consortium. Member information is collected from online portals.</p>
<p>3.1.2.2. Encourage and maintain FGDC membership in existing standards organizations.</p>	<p>Initiation Date: FY14 Q3 Completion Date: FY16 Q4 (this is a periodic effort that extends beyond the life of the NSDI Strategic Plan.)</p>	<p>FGDC member agencies are contacted about interest in participation in existing standards organizations. Findings are documented in the periodic synopsis of participation in existing standards organizations.</p>	<p>Metric: Periodic synopsis of participation in existing standards organizations published online. FY 14 Target: At least one publication cycle.</p>	<p>NGDA Dataset Managers, Theme Leads, Executive Theme Champions, and Theme Lead Agencies; FGDC Subcommittees/Working Groups; FGDC membership in standards development organizations identified in Task 3.1.2.1</p>	<p>In Progress</p>	<p>Monthly standards updates are published on the FGDC web site.</p>

Action 3.1.3. Provide technical and educational support to agencies implementing NSDI standards and engage the standards community through workshops or online information-sharing tools such as Web meetings or social media.

Action Coordinator: FGDC Secretariat

Task	Timeframe	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
3.1.3.1. Identify means to provide wanted/needed technical and educational support to agencies implementing NSDI standards.	Initiation Date: FY14 Q3 Completion Date: FY16 Q4 (this is a periodic effort that will extend beyond the life of the NSDI Strategic Plan.)	Needs assessment of wanted/needed technical and educational support is complete. Priorities for technical and educational support are identified. Gaps and existing opportunities for wanted/needed technical and educational support and gaps are identified.	Metric: Register of training opportunities FY 14 Target: Needs assessment 75% complete	NGDA Dataset Managers, Theme Leads, Executive Theme Champions, and Theme Lead Agencies; FGDC Subcommittees/Working Groups	In Progress	This assessment will be in context of NGDA management. Currently, theme leads are asked to identify standards used by their NGDA themes/datasets.
3.1.3.2. Develop repeatable (yearly) process to provide technical and educational support	Initiation Date: FY15 Q2 Completion Date: FY16 Q4 (this is a periodic effort that will extend beyond the life of the NSDI Strategic Plan.)	Task 3.1.3.1 is complete. Lessons learned identified to modify process if necessary.	Metric: Guidance on yearly process to provide technical and educational support. Draft FY 16 Target: 100% complete	NGDA Dataset Managers, Theme Leads, Executive Theme Champions, and Theme Lead Agencies; FGDC Subcommittees and Working Groups	On Schedule	Pending completion of task 3.1.3.1
3.1.3.3. Continually update content on standards on www.fgdc.gov , including dynamic information.	Initiation Date: FY14 Q3 Completion Date: FY16 Q4 (this is a periodic effort that will extend beyond the life of the NSDI Strategic Plan.)	Link from Geospatial Platform (this would probably be under the Resource tab) to standards portion of FGDC web site is created.	Metric: Information content about standards is continually maintained and updated on the FGDC website. FY 14 Target: timely updates	FGDC Standards WG and Geoplatform.gov team	Complete	Monthly standards updates are posted to FGDC web site.

STRATEGIC GOAL 3 – CONVENE LEADERSHIP OF THE NATIONAL GEOSPATIAL COMMUNITY

Objective 3.2: Convene the leadership of the geospatial and nongeospatial communities to develop public/private partnerships and shared approaches for addressing critical national issues

Anticipated Outcomes: More effective collaboration in the development and oversight of critical geospatial activities required for the effective management of the NSDI.

Executive Champions: Ivan DeLoatch (FGDC)

Resources: FGDC OS and partner agency staff resources, FGDC OS funding support for NGAC activities, FGDC OS contract support staff, NGAC member volunteer hours

Action 3.2.1. Engage with the NGAC, key geospatial organizations, and other stakeholders to inform policy decisions and collaboratively identify and address issues of common concern.

Action Responsibility: FGDC Secretariat, Ivan DeLoatch, John Mahoney

Task	Timeframe	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
3.2.1.1. Complete 2014 FGDC Guidance to NGAC, describing NGAC study topics and focus areas	FY14 Q2	- Input from FGDC agencies and FGDC members - Approval of guidance by FGDC leadership	Metric: Completion of guidance FY 14 Target: 100% complete	FGDC Secretariat	Complete	Guidance provided to NGAC in April 2014.
3.2.1.2. Hold three in-person meetings with NGAC in FY 2014	FY14 Q4	- DOI approval of meetings - Coordination with NGAC leadership on topics/agendas/outcomes	Metric: Completion of in-person meetings FY 14 Target: Three in-person NGAC meetings	FGDC Secretariat	Complete	In-person meetings held in April, June, and Sept 2014.
3.2.1.3. Hold NSDI Leaders Forum meetings to seek input and dialogue on key NSDI issues	FY14 Q4	- Scheduling/coordination of meetings - Availability of participants	Metric: Completion of Leaders Forum meetings FY 14 Target: One Leaders Forum meeting (Q4 FY 14)	FGDC Secretariat, NSDI Core Team	Complete	Leaders Forum meeting held in July 2014.
3.2.1.4. Collaborate with NGAC subcommittees to develop products addressing 2014 NGAC guidance	FY15 Q1	- Development of products/papers by NGAC subcommittees - Successful incorporation of comments/feedback - Approval of subcommittee products by full NGAC	Metric: Completion of NGAC products/papers addressing 2014 NGAC guidance Draft FY 15 Target: Adoption of all 2014 NGAC products/papers by Dec. 2014	FGDC Secretariat	On Schedule	Task on schedule

Action 3.2.2. Collaborate with the NGAC and other partners to review and develop common approaches to the issue of geolocation privacy.

Responsibility: FGDC Secretariat, Ivan DeLoatch, John Mahoney

Task	Timeframe	Dependencies	Performance Indicators	Task Responsibility	Task Status	Comments
3.2.2.1. Incorporate geolocation privacy into 2014 FGDC guidance to the NGAC	FY14 Q2	- Input from FGDC agencies and FGDC members - Approval of guidance by FGDC leadership	Metric: Inclusion of geolocation privacy into 2014 NGAC guidance FY 14 Target: 100% complete	FGDC Secretariat	Complete	Guidance, including privacy element, provided to NGAC in April 2014.
3.2.2.2. Collaborate with NGAC privacy subcommittee to address 2014 NGAC guidance	FY15 Q1	- Development of products/papers by NGAC privacy subcommittee - Approval of subcommittee products by full NGAC	Metric: Completion of NGAC products/papers addressing 2014 NGAC guidance on geolocation privacy Draft FY 15 Target: Completion of 2014 NGAC products/papers by Dec. 2014	FGDC Secretariat	On Schedule	Task on schedule

STRATEGIC GOAL 3 – CONVENE LEADERSHIP OF THE NATIONAL GEOSPATIAL COMMUNITY

Objective 3.3: Raise awareness of the NSDI and its impact on critical national and international issues

Anticipated Outcomes: Enhanced level of understanding, engagement, and investment by all affected communities in the development and maintenance of the national spatial data infrastructure.

Executive Champions: Kevin Gallagher (USGS), Tim Trainor (Census)

Resources: FGDC OS and partner agency staff resources, FGDC OS funding support for NGAC activities, FGDC OS contract support staff, NGAC member volunteer hours

Action 3.3.1. Develop and implement a communication strategy and outreach plan to promote the benefits of NSDI data and the goals of the NSDI Strategic Plan.

Responsibility: Kevin Gallagher (USGS), FGDC agencies, FGDC staff

Task	Timeframe	Dependencies	Task Responsibility	Performance Indicators	Task Status	Comments
3.3.1.1. Complete NSDI communication strategy and outreach plan.	FY15 Q3	Coordination with appropriate agencies; award of task order on GeoPlatform support contract	Kevin Gallaher, FGDC Staff	Metric: Completion of Action Plan Draft FY 15 Target: 100% complete	On Schedule	Implementation Plan for Objective 3.3 to be completed in FY 15 Q2

Action 3.3.2. Promote the vision of NSDI globally through active participation and support for activities such as the Global Spatial Data Infrastructure (GSDI), the United Nations Initiative on Global Geospatial Information Management (UN-GGIM), and the U.S. Group on Earth Observations (USGEO).

Responsibility: Kevin Gallagher (USGS), Tim Trainor (Census), FGDC Staff

Task	Timeframe	Dependencies	Task Responsibility	Performance Indicators	Task Status	Comments
3.3.2.1. Complete NSDI communication strategy and outreach plan, including international activities.	FY15 Q3	Coordination with appropriate agencies; award of task order on GeoPlatform support contract	Tim Trainor, FGDC Staff	Metric: Completion of Action Plan Draft FY 15 Target: 100% complete	On Schedule	Implementation Plan for Objective 3.3 to be completed in FY 15 Q2