NSDI Strategic Planning Update
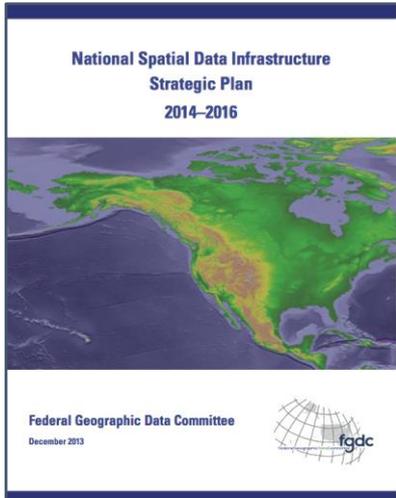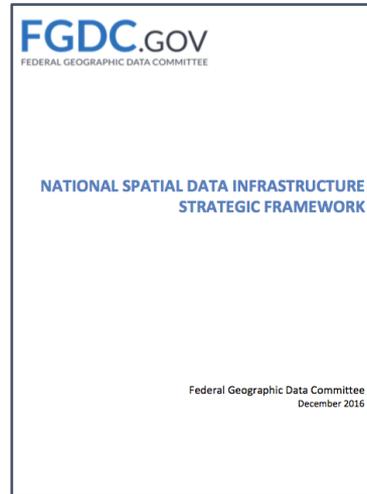
FGDC Coordination Group

February 7, 2017

NSDI Strategic Planning
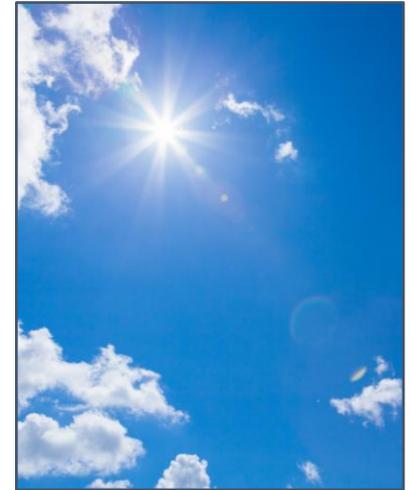

2014-2016
NSDI Strategic Plan

2016-2017
NSDI Strategic Framework

Transitional Plan

2017-20XX
NSDI Strategic Plan

Next Full Strategic Plan
(to be completed in 2017)

2014-16 NSDI Plan – FY 2016 Status Report

- Completed January 2017

- Final status report on 2014-2016 NSDI Strategic Plan

- Summarizes FGDC performance in addressing FY 2014, 2015, & 2016 targets

- Distributed to FGDC community & NGAC

- Status report summarized in FGDC 2016 Annual Report

2014-16 NSDI Strategic Plan

FY 2016 Status Report

January 2017

Federal Geographic Data Committee
www.fgdc.gov

FY 2016 Status Report – Results

FY 2014: The status report includes 28 tasks for FY 2014. Of these tasks, 26 reported as complete, and 2 reported as in progress.

26 Complete	2

FY 2015: The status report includes 36 tasks for FY 2015. Of these tasks, 32 reported as complete, and 4 reported as in progress

32 Complete	4

FY 2016: The status report includes 24 tasks for FY 2016. Of these tasks, 11 reported as complete, and 13 reported as in progress

11 Complete	13 In Progress

FGDC.GOV
FEDERAL GEOGRAPHIC DATA COMMITTEE

FY 2016 Status Report – Sample

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.
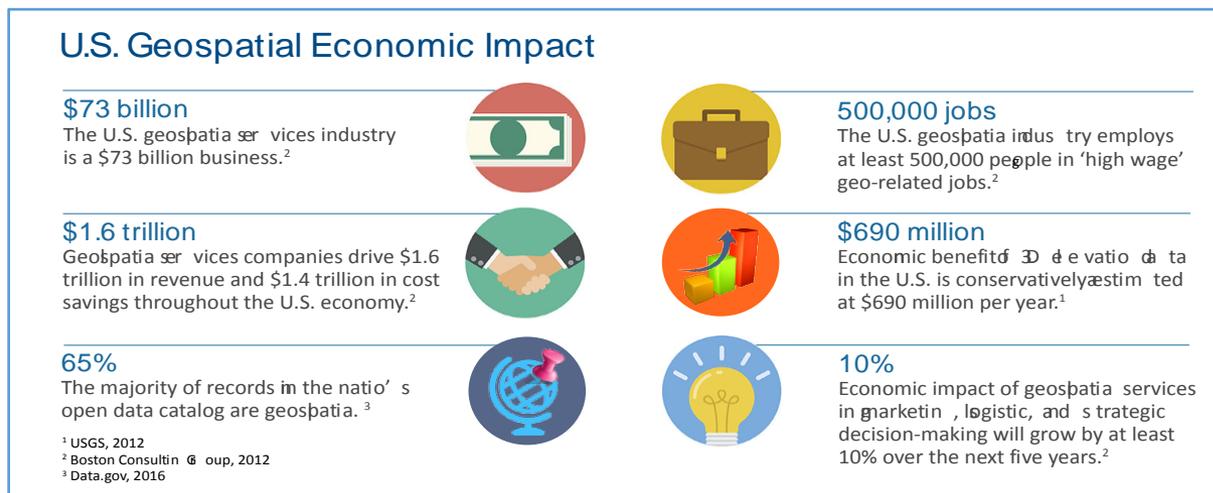
Action 1.2.1. Establish Service Level or Interagency Agreements between and among government agencies and the Geospatial Platform Managing Partner.
Action Responsibility: Jerry Johnston, FGDC Secretariat

Task	Timeframe	Dependencies	Task Responsibility	Performance Indicators	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.	Jerry Johnston, FGDC Secretariat	**Metric:** Completion of FY 14 Funding Agreements **FY 14 Target:** 100% of Agreements completed	**Complete**	All available funding agreements 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	Jerry Johnston, FGDC Secretariat	**Metric:** Completion of model SLA **FY 14 Target:** 100% complete	**Complete**	DOI Security, Hosting and Acquisitions teams completed Service Level Agreements for managed hosting environment in FY 16 Q3.

NSDI Strategic Plan – FY 2016 Status Report (January 2017)

5

FGDC.GOV
FEDERAL GEOGRAPHIC DATA COMMITTEE

NSDI Strategic Framework – Current Status

- Strategic Framework endorsed by NGAC – December 14 NGAC meeting

- Strategic Framework approved by Steering Committee via electronic vote – December 2016

- Final Plan posted at:https://www.fgdc.gov/nsdi-plan/2017/nsdi-strategic-framework.pdf

U.S. Geospatial Economic Impact

$73 billion
The U.S. geospatial services industry is a $73 billion business.[2]

500,000 jobs
The U.S. geospatial industry employs at least 500,000 people in 'high wage' geo-related jobs.[2]

$1.6 trillion
Geospatial services companies drive $1.6 trillion in revenue and $1.4 trillion in cost savings throughout the U.S. economy.[2]

$690 million
Economic benefit of 3D elevation data in the U.S. is conservatively estimated at $690 million per year.[1]

65%
The majority of records in the nation's open data catalog are geospatial.[3]

10%
Economic impact of geospatial services in marketing, logistics, and strategic decision-making will grow by at least 10% over the next five years.[2]

[1] USGS, 2012
[2] Boston Consulting Group, 2012
[3] Data.gov, 2016

FGDC.GOV
FEDERAL GEOGRAPHIC DATA COMMITTEE
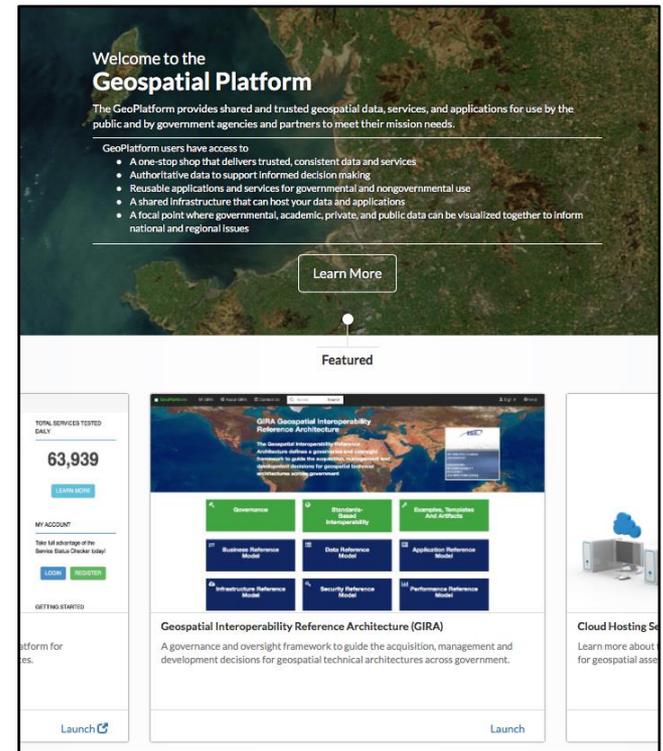
NSDI Strategic Framework

Part I: Introduction

- Overview
- NSDI Timeline
- National Approach for the NSDI
- Roles and Responsibilities
- Emerging Geospatial Technology Trends
- Scope of Plan

FGDC.GOV
FEDERAL GEOGRAPHIC DATA COMMITTEE

NSDI Strategic Framework

Part II: Key Federal Responsibilities

- **Goal 1** – Expand the Geospatial Platform

- **Goal 2** – Enhance the Management of Federal Geospatial Assets

- **Goal 3** – Update the National Geospatial Policy Framework

FGDC.GOV
FEDERAL GEOGRAPHIC DATA COMMITTEE

NSDI Strategic Framework

Part III: Partnership Opportunities

- **Strategy 1** – Focus on National Priority Data Initiatives

- **Strategy 2** – Rebrand the NSDI to Broaden Awareness and Understanding of Geospatial Community Issues

- **Strategy 3** – Address Emerging Topics

FGDC.GOV
FEDERAL GEOGRAPHIC DATA COMMITTEE

Interim Implementation Approach

2017 FGDC Priorities:

- Develop high-level work plan identifying priorities and deliverables for 2017 – building on the goals and strategies identified in the NSDI Strategic Framework.

- Work Plan will not be a detailed implementation plan – primary focus will be on finalizing next NSDI Strategic Plan.

NSDI Strategic Plan:

- FGDC community will engage with new administration in 2017 to refine the framework and develop final version of NSDI Strategic Plan.

- Concurrently develop more detailed implementation strategy for new NSDI Strategic Plan

FGDC.GOV
FEDERAL GEOGRAPHIC DATA COMMITTEE

Interim Implementation Approach

2017 FGDC Priorities – draft components:

- Geospatial Platform

- Management of National Geospatial Data Assets

- NSDI Strategic Planning

- Key Geospatial Data Initiatives

- Leadership and Coordination

- Standards and Metadata

- Communication and Outreach

FGDC.GOV
FEDERAL GEOGRAPHIC DATA COMMITTEE

2017 FGDC Priorities – Draft Examples

Expand the Geospatial Platform		
Activity: Platform Release 7 (Tools for Managing Portfolio Resources and Metadata)	**Responsible:** Geospatial Platform PMO	**Target Date:** Jan/Feb 2017
Activity: Platform Release 8 (OpenLayer, OpenMap, and Open APIs)	**Responsible:** Geospatial Platform PMO	**Target Date:** Apr/May 2017
Activity: Platform Release 9 (Taxonomies, Knowledge Graphs, and Community Pilots)	**Responsible:** Geospatial Platform PMO	**Target Date:** Jul/Aug 2017
Activity: Platform Release 10 (Community and Linked Catalog Pilots)	**Responsible:** Geospatial Platform PMO	**Target Date:** Oct/Nov 2017

FGDC.GOV
FEDERAL GEOGRAPHIC DATA COMMITTEE

2017 FGDC Priorities – Draft Examples

Enhance Management of National Geospatial Data Assets (NGDA)		
Activity: All NGDA Data Themes in the A–16 Portfolio will submit Theme Implementation Plans.	**Responsible:** NGDA Theme Leads	**Target Date:** 4-28-17
Activity: All NGDA Datasets in the A–16 Portfolio will complete updated Lifecycle Maturity Assessments (LMAs).	**Responsible:** NGDA Dataset Managers and Theme Leads	**Target Date:** 8-10-17

FGDC.GOV
FEDERAL GEOGRAPHIC DATA COMMITTEE

Crosswalk with NSDI Strategic Framework

		2017 FGDC PRIORITIES						
		Geospatial Platform	NGDA Mgmt	NSDI Planning	Data Initiatives	Leadership/ Coord	Standards/ Metadata	Comm/ Outreach
NSDI STRATEGIC FRAMEWORK	**Goal 1:** Expand Geospatial Platform	X						
	Goal 2: Management of Federal Geospatial Assets		X				X	
	Goal 3: Update Policy Framework			X		X		
	Strategy 1: National Priority Data Initiatives				X			
	Strategy 2: Rebrand the NSDI			X				X
	Strategy 3: Address Emerging Topics			X		X		

FGDC.GOV
FEDERAL GEOGRAPHIC DATA COMMITTEE

Next Steps

2/7/17	Briefing/Update – Coordination Group
Feb 2017	Develop Draft 2017 FGDC High-Level Priorities
March 21-22	Briefing/Update – NGAC Meeting
March 23	Briefing/Update – FGDC Steering Committee Meeting
FY 2017	FGDC community engage with new administration in 2017 to refine the framework and develop final version of NSDI Strategic Plan.
FY 2017	Develop implementation strategy for new NSDI Strategic Plan

FGDC.GOV
FEDERAL GEOGRAPHIC DATA COMMITTEE

Questions?