
NSDI Strategic Plan Work Group Interim Report

June 2016 NGAC Meeting

Topics

- Overview of Guidance & Work Group Tasks
- NSDI Plan Background
- Summary of Federal Feedback
- Observations of NGAC NSDI Work Group

NSDI Strategic Plan Work Group

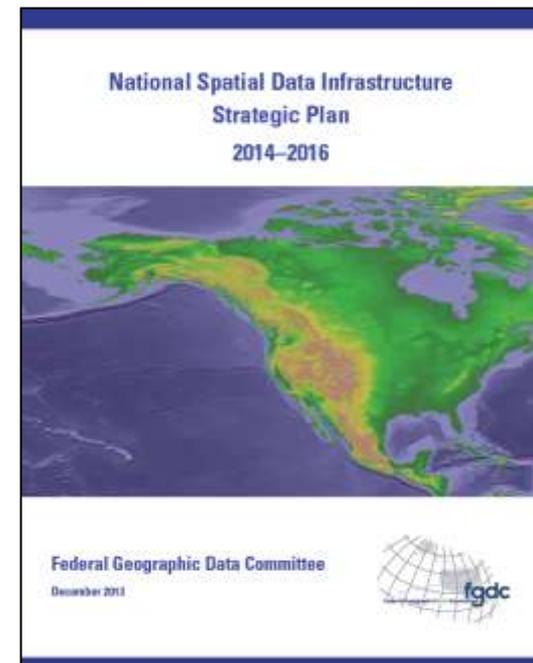
- ❑ **Guidance:** Assess the effectiveness and impact of the current NSDI strategic plan. Review and provide feedback on the Vision and Desired Future State described in the strategic plan
- ❑ **Membership:** Matt Gentile (lead), Jack Hild, Xavier Irias, Laxmi Ramasubramanian, Molly Vogt. Federal Contacts: Ivan DeLoatch, John Mahoney
- ❑ **Approach:**
 - Discuss at April NGAC meeting
 - Briefing from FGDC NSDI Core Team
 - Feedback from NGAC members
 - Compile high-level comments
- ❑ **Timeframe:**
 - June Meeting: Present summary of feedback

Where We've Been...

FGDC has worked since 1992 to construct the community foundation needed to establish the NSDI as a national framework for sharing place-based information.

Most recently:

- **A-16 Supplemental Guidance** extended the concept of geospatial data to National Geospatial Data Assets
- **Geospatial Platform** established shared environment for data and services
- **NSDI Strategic Plan** established goals and metrics for development of NSDI



- 2014-16 NSDI Strategic Plan

2014-2016 NSDI Strategic Plan

■ Current Strategic Plan includes:

- Shared National vision
- 3 Goals, 9 Objectives, 29 Actions
- Roles & Responsibilities
- Guiding Principles
- Implementation approach



Implementation Highlights

- ❖ **Geospatial Interoperable Reference Architecture (GIRA) endorsement**
 - governance and oversight framework
 - technical architecture guidance
- ❖ **GeoPlatform.gov**
 - Fourth release of the website
 - Features content refresh and rebranding of communities, Wiki for data standards collaboration, updated Marketplace function
 - GeoCloud deployment of key public-facing geospatial Web services



A-16 NGDA Theme Community Web site.

Implementation Highlights, cont'd

❖ **NGDA Portfolio Management**

- Registration of all NGDA Datasets in the catalog
- Completion of the baseline NGDA Dataset Lifecycle Maturity Assessments

❖ **Standards**

- FGDC endorsement of five additional standards
- Implementation of ISO metadata standards

❖ **International Activities**

- FGDC Global Geospatial Information Management (GGIM) Working Group
- Global Spatial Data Infrastructure (GSDI) Association's Small Grants Program



Looking Ahead

- ❖ **Current plan goes through 2016**
 - Time to look towards the next plan
 - Time to assess value gained, recognize accomplishments, adjust actions where needed, consider new factors
- ❖ **Administration will change next year**
 - Regardless of who is in office, some of the priority focus areas will change
 - Developing Strategic Framework will provide information and recommendations on strategic geospatial initiatives and their value to the nation
- ❖ **Strategic Framework should provide:**
 - Continuity for key existing key initiatives
 - Foundation for the next NSDI Strategic Plan
 - Opportunity for the next Administration to influence and support the NSDI's strategic actions

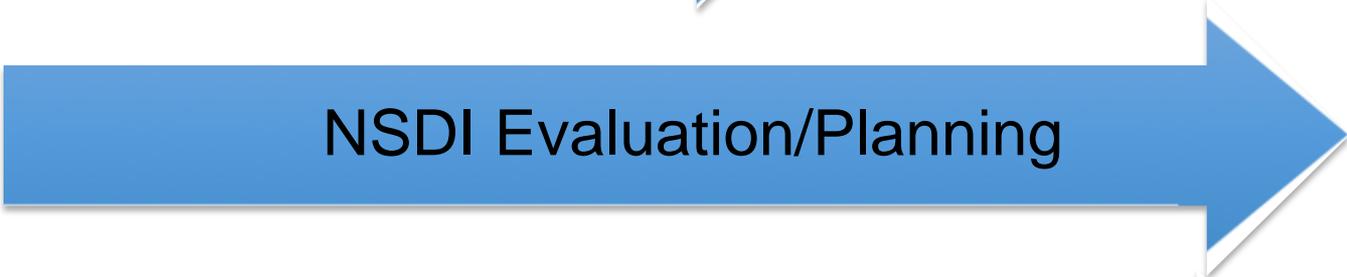
Where We're Going...2017 Framework

2016

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC



NGDA Evaluation



NSDI Evaluation/Planning



Transition Planning

NSDI Plan Evaluation – Summary of Federal Feedback

2016 NSDI Federal Workshop

March 22, 2016

Department of Interior

Participation

- Cross-section of Federal geospatial managers/practitioners
- 30+ participants representing multiple Federal agencies and offices

Purpose

- Assess effectiveness of current NSDI strategic plan and gather initial Federal input for a new strategic framework



Federal Workshop – Key Outcomes

- **Increase Participation**
 - Federal and Non-federal government agencies
 - Geospatial communities
 - Non-technical stakeholders
- **Define Future State**
 - To inform operational and budgetary decisions to support clearly-defined goals and objectives
- **Refine Roles and Responsibilities**
 - Include resource availability in consideration
- **Increase Communications**
 - Communication materials to inform partners of successes, outcomes, best practices, and benefits
 - Activities focused benefits and applications to specific, targeted audiences

Federal Workshop – Key Outcomes

- ❑ **Promote Value and Benefits**
 - Clearly articulate and share across the geospatial community
- ❑ **Include Infrastructure and Emerging Technologies**
 - Emerging technologies tied to agency infrastructure needs
 - Tools to strengthen and operationalize portfolio management processes
- ❑ **Enhance Performance Measures**
 - Tied to end-state NSDI goals and objectives
 - Day-to-day operations

NSDI Strategic Plan Going Forward

❖ **2017 NSDI Strategic Framework**

- Develop an updated strategic framework to improve the coordination and management of the Nation's geospatial assets and guide the further development of the NSDI

❖ **Approach**

- Engage the Federal and national geospatial communities through focused workshops and meetings, dialogue at NGAC meetings, discussions at professional conferences, and one-on-one meetings with industry leaders.
- Assess the effectiveness of the current NSDI Strategic Plan and the National Geospatial Data Asset (NGDA) Management Plan
- Identify strategic opportunities, informed by the geospatial community, to promote NSDI sustainability and continuity
- Develop transition recommendations highlighting key geospatial issues, priorities, and opportunities for the next Administration

NSDI Plan Evaluation – Summary of NGAC Work Group Feedback

NSDI Work Group

Discussion Questions:

- What key observations do you have on the NSDI strategic plan (positives and areas needing improvement)?
- What are your observations on the Vision and Desired Future State in the current NSDI strategic plan?
- How should we improve or refine the partner engagement and communication processes?
- Are the 3 goal areas – Shared Services, Management of Geospatial Assets, Convening Leadership – appropriate and relevant?
- Are there strategic planning approaches from other organizations we could learn from?

NGAC – Key Observations

- Goals seem solid, appropriate, and relevant for how we currently envision NSDI.
- Emerging domains such as cyber, infrastructure protection and privacy need to be considered
- Renew the emphasis on “National” vs. “Federal” in defining the different roles of private sector, state, tribal and local government.
- Elevate relevance of NSDI -- answering what problems the NSDI can solve and how.
- The policy framework in place from 2002 needs to be refreshed.
- Changes in the commercial environment are having an impact on A-16 and the policy framework.

NGAC – Key Observations

- How do we really know if it's working or not?
- Who is aware of the strategy and how is it relevant?
- How is this effort linked to agency performance mandates/agendas/missions?
- How do we make this more relevant? It could include outreach with the objectives of understanding the roles of partners.
- Are SDI, NSDI the right terms? Or is spatial data ecosystem more appropriate?

What do you think?

- Does the stated Vision and Desired Future State in the current NSDI strategic plan resonate with your vision of the NSDI? What might you add or change?
- What's missing from the current goals that will help the continuous development of the NSDI?
- How are the advances in technologies and the commercial sector changing the role of the federal community?