

National Spatial Data Infrastructure (NSDI) Strategic Planning Overview



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What is the National Spatial Data Infrastructure (NSDI)?



Definition:

“...the technology, policies, criteria, standards, and employees necessary to promote geospatial data sharing throughout the Tribal, Federal, State, and local governments, and the private sector (including nonprofit organizations and institutions of higher education).”

– As defined by the Geospatial Data Act of 2018 (43 U.S. Code 2801(13))

National Spatial Data Infrastructure (NSDI)

National

- National | Federal

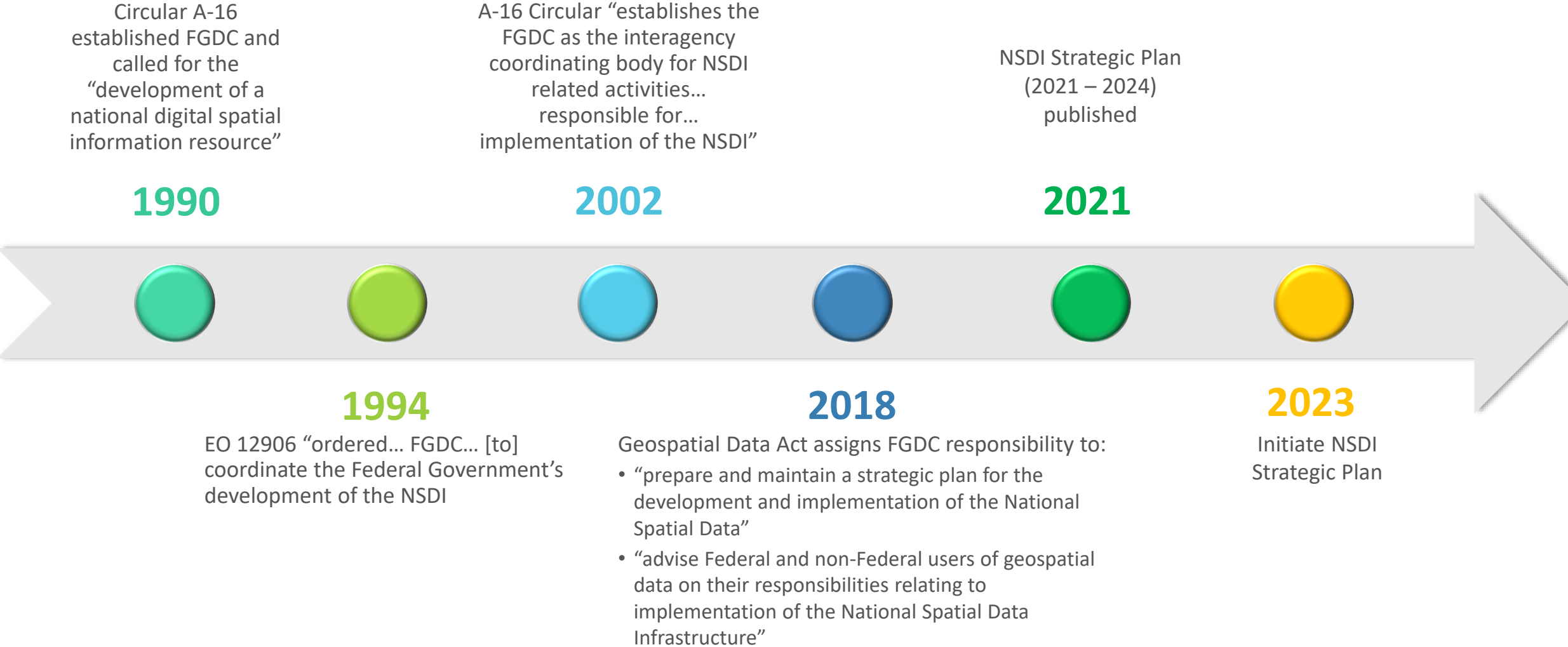
Spatial Data

- Completeness | Accuracy | Coverage | Interoperable

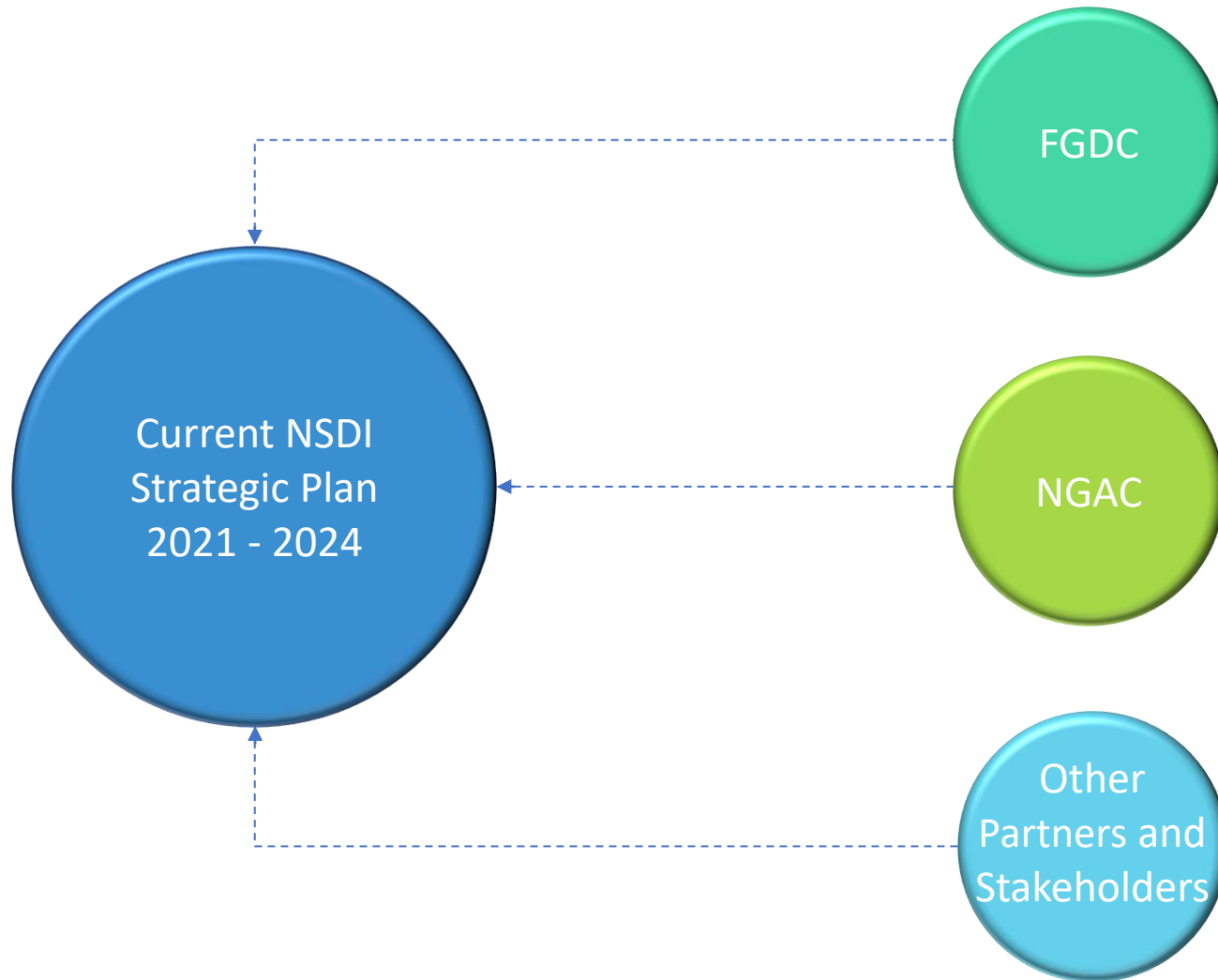
Infrastructure (System)

- Findable | Accessible | (Re) Usable | Tools

Evolution of the U.S. National Spatial Data Infrastructure (NSDI)



How was the NSDI Strategic Plan developed?



Federal Geographic Data Committee

The Federal Geographic Data Committee (FGDC) is the lead entity in the executive branch of government for the development, implementation, and review of policies, practices, and standards relating to geospatial data. It is comprised of representatives from federal government agencies.

National Geospatial Advisory Committee

The NGAC provides advice and recommendations to the FGDC related to management of Federal geospatial programs, development of the National Spatial Data Infrastructure, and the implementation of the Geospatial Data Act of 2018 (GDA). The NGAC members are selected to provide a balanced representation of the viewpoints of the various stakeholders involved in national geospatial activities.

Other Partners and Stakeholders

Tribal, State, and local governments, geospatial industry and organizations, non-profits, private sector, and academia.

Current NSDI Strategic Plan 2021 - 2024



Vision

Empowering a geo-enabled Nation and world for place-based decision making.



Mission

To provide a national network of geospatial resources that seamlessly integrates location-based information to serve the needs of the Nation and wider global interests.



Goals

- 1. Policy and Governance.** Implement national geospatial policy and governance frameworks as defined by the Geospatial Data Act and related statutes and policies.
- 2. Data.** Advance the maturity of, accelerate the acquisition of, and expand the sources of National Geospatial Data Assets (NGDA) to ensure they are Findable, Accessible, Interoperable, and Reusable.
- 3. Interoperability.** Ensure open standards-based interoperability to enable geospatial shared services.
- 4. Partnerships.** Enable and promote collaborative governance and partnerships to meet national needs, priorities, and circumstances.

Implementation & Next Steps

