JOINT EUROSDR & EUROGEOGRAPHICS WORKSHOP ON GEODATA DISCOVERABILITY

Maximizing discoverability and access in a system-of-systems



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28-April 2022

Evolving SDI: Integrated Geospatial Infrastructure Expanding beyond data to knowledge and understanding lacksquare \bigcirc Metadata catalogs **Federated portals Digital ecosystems**

Search & Discovery — Integration & Use

A System of Systems: Integrated Geospatial Infrastructure

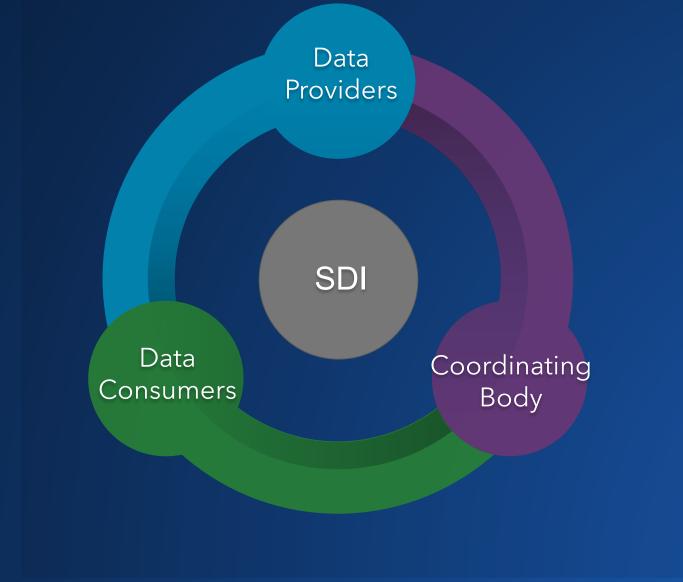
Whether we call it SDI, Open Data, Digital Twin, or otherwise...

Key characteristics:

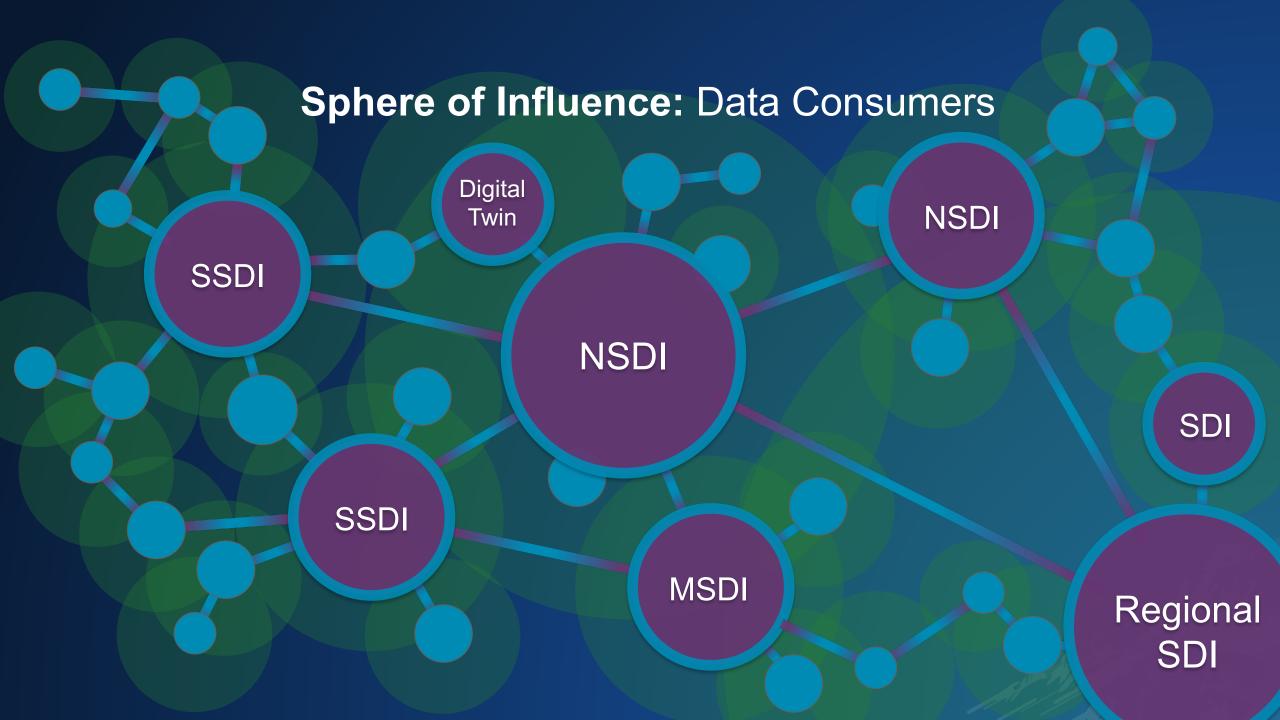
- -Multi-organizational
- -Integrated Fundamental & Operational Data
- -Interoperable (standards)
- Collaborative
- -Digital Ecosystem
- -Focus on End Users / Putting Data to Use

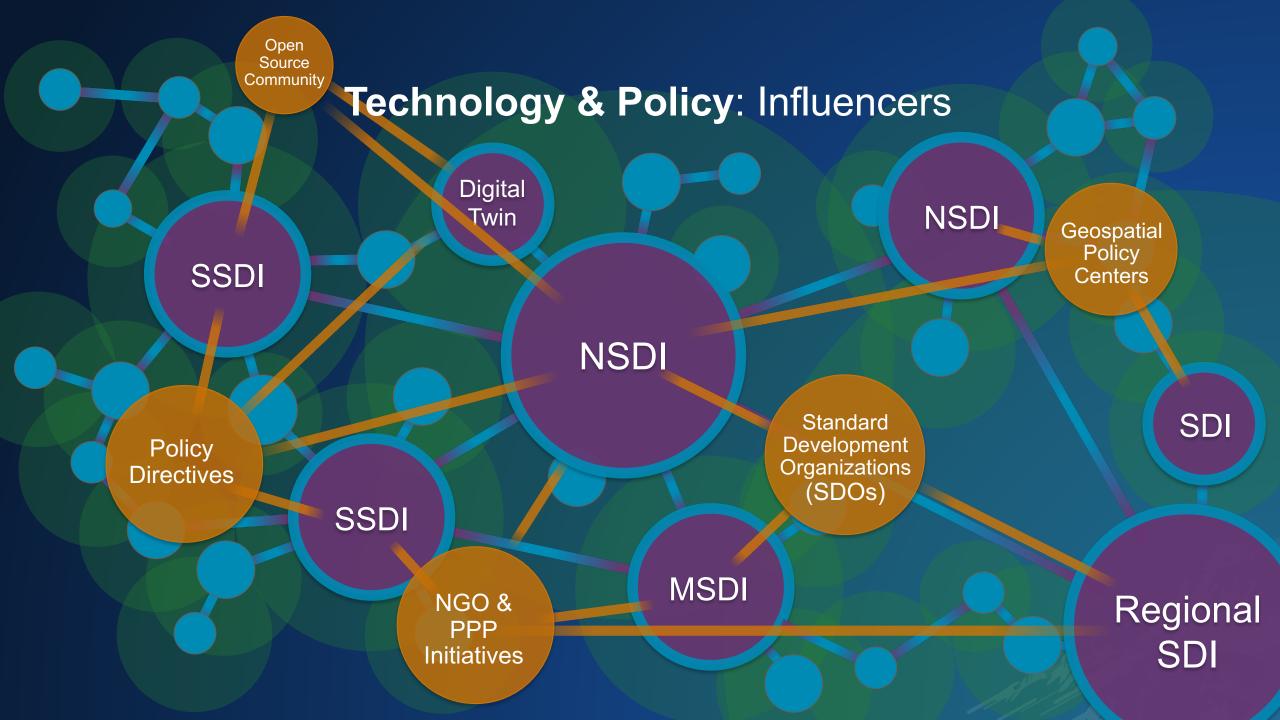


Digital Ecosystem: SDI Community of Practice







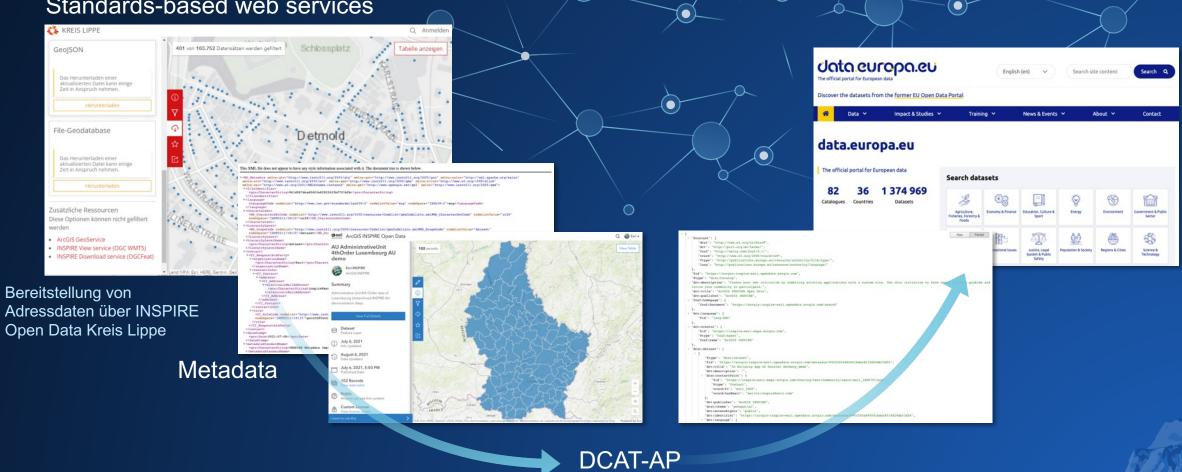


How do we maximize geodata discoverability and access in this system of systems?



Activities span the end-to-end workflows of data providers



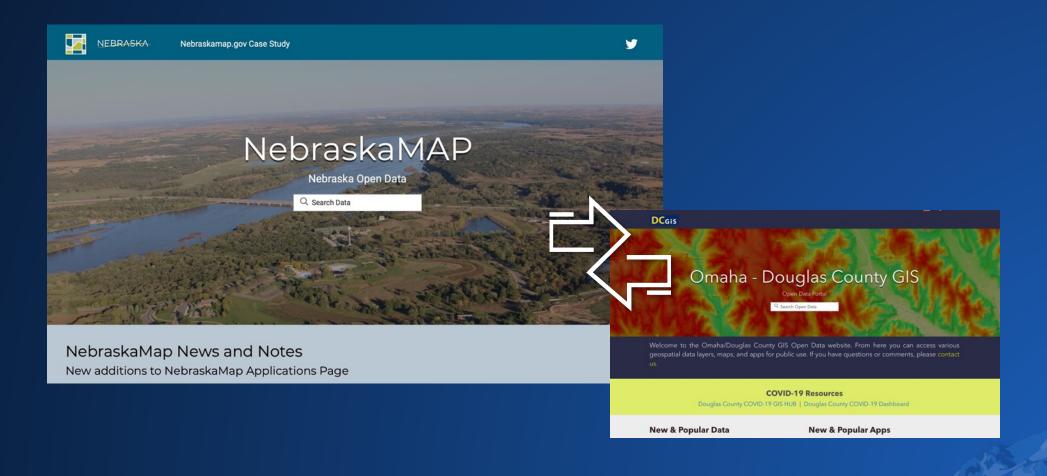


Standards-based web services

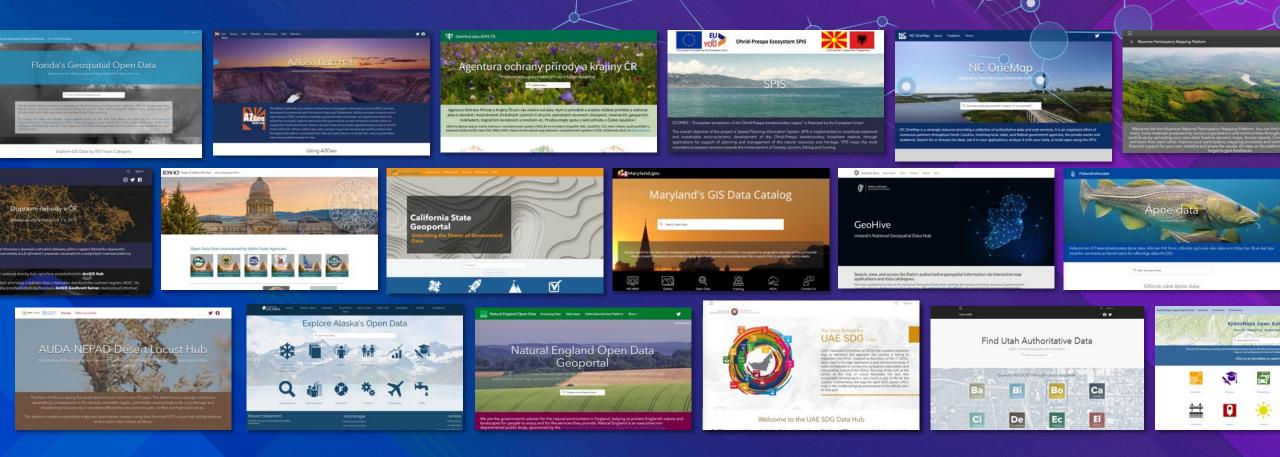


What does this enable?

Ease of Sharing and Integration: NebraskaMap and Douglas County



Collaborative Open Data hubs



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Maximizing discoverability and access

Enabled by geospatial infrastructure



Let's Recap

• The main take-aways to leave with:

- -A global digital ecosystem is emerging
- -Maximize geodata discoverability and access takes place across end-to-end workflows
- -Expand access through maps and apps to engage new audiences and enable new things!



Esri's Open Vision & Geospatial Infrastructure Resources



https://www.esri.com/enus/arcgis/open-vision



ctively. Infrastructure for our future New patterns for modern SDI and federated Web GIS are shifting paradigms from hierarchical to interconnected networks of

collaborating partners

https://www.esri.com/en-us/arcgis/integratedgeospatial-infrastructure



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