

ISO Geospatial Metadata Implementation: Building On Our Successes

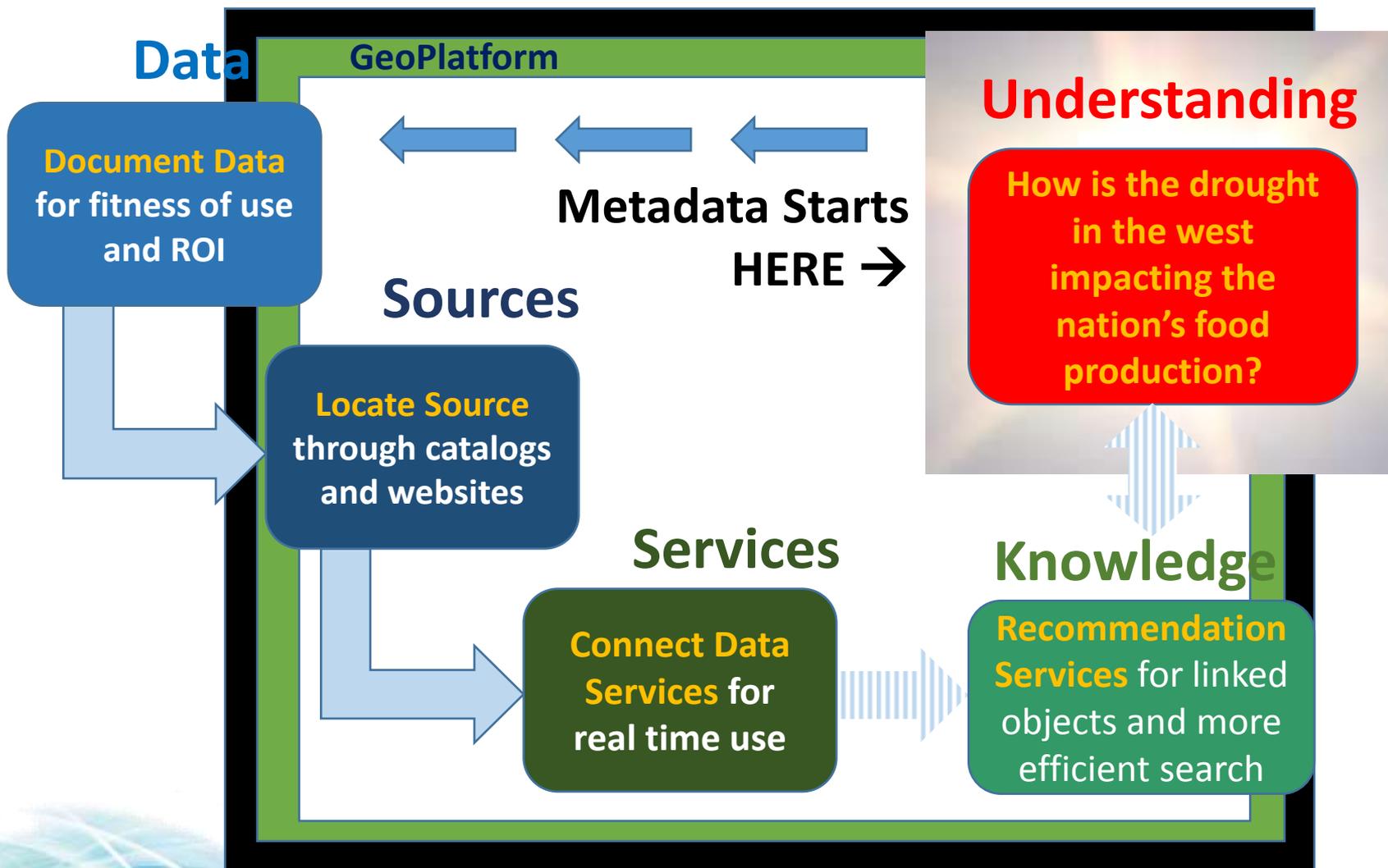
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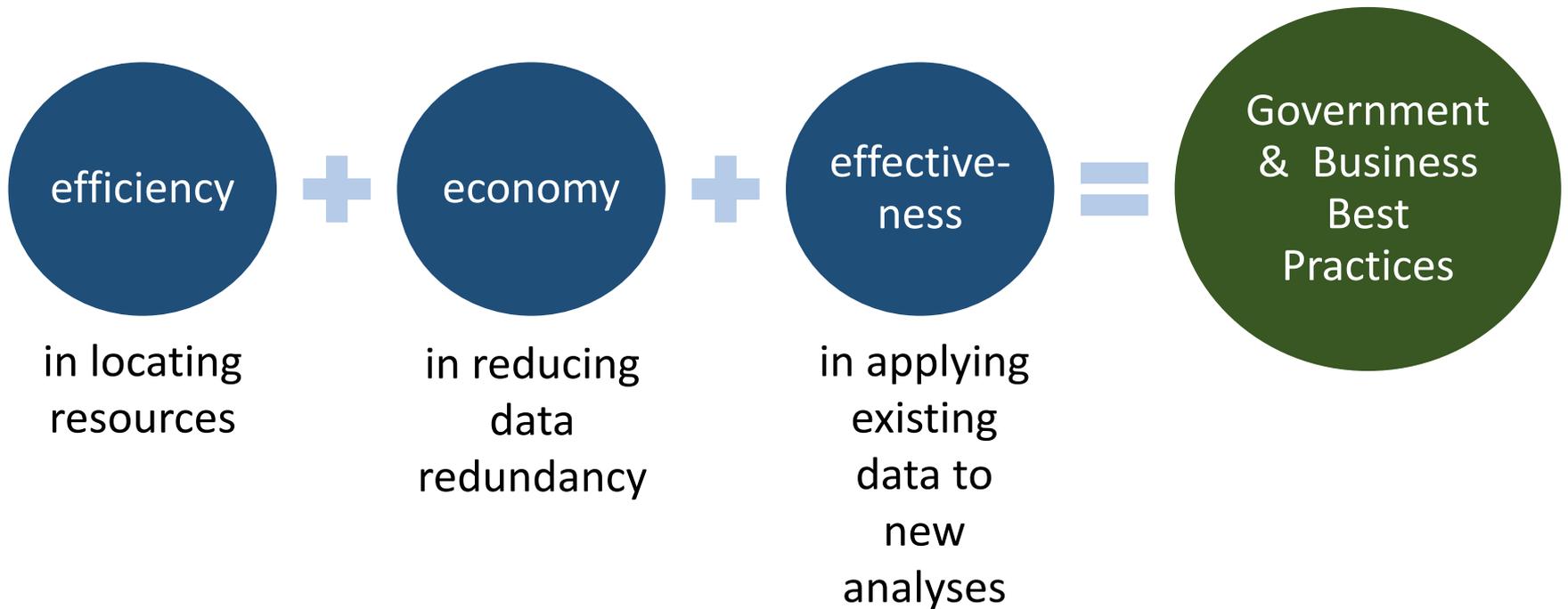


Why is Metadata Still Relevant?

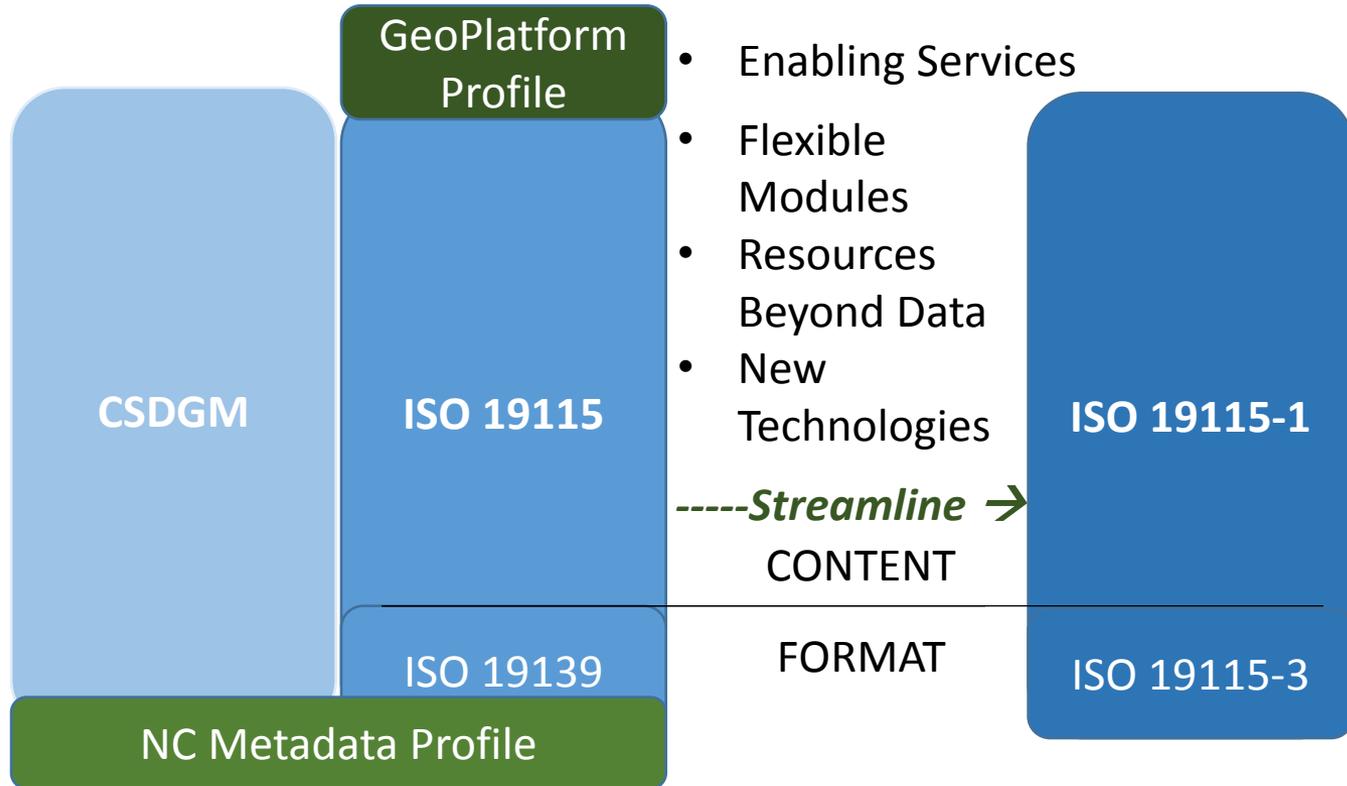


Best Practices

Metadata is a Data Management best practice that enables:



New Standards - New capabilities



- Consistency
- Quality
- State and Regional Compilation

NSDI: A Strong Metadata History

2016

- Best Practices for documentation services for NGDAs and other datasets

2013

- FGDC Federal Metadata Coordinators Workshop

2011

- FGDC ISO Summit and outcome issues/actions

1999→

- ISO Metadata Standards development and endorsement

1994-2013

- Metadata CAP Grant activities and products

1992-1998

- Development and publication of CSDGM Standard



Accomplishments

Through these efforts each of you has helped to set a path toward creating metadata:

as part of the data development and business process

with intention and purpose, not simply an obligation

for services and geospatial resources beyond data

that improves the discovery and real-time use of geospatial data services

that is operational, capable of fueling applications such as the Geospatial Platform

Actions That Support Previous Summit and Workshop Outcome Issues

Policy and Planning

- Endorsement of suite of ISO metadata standards including ISO 19115-1 and 19119
- ISO Forum use cases and shared experiences
- ISO Implementation Workflow Model
- NOAA ISO Implementation Planning Initiative
- FGDC Coordination Group guidance as to what standard should be used
- FGDC Metadata Program summary of benefits of ISO

Actions That Support Previous Summit and Workshop Outcome Issues

Tools and Applications

- Geospatial Platform Object Editor
- EPA Metadata Editor (EME)
- NOAA Transforms and Metadata Completeness Rubric
- Alaska Data Integration ISO Metadata Toolkit
- ISO Metadata Editor Registry
- Esri Geoportal Server

Actions That Support Previous Summit and Workshop Outcome Issues

Education and Outreach

- ISO Forums
- FGDC and NOAA ISO Webinars
- NOAA classroom and online ISO training
- ISO updated FGDC Metadata Curriculum
- NOAA and NASA ISO metadata wiki workspaces
- Data.gov and Project Open Data ISO metadata github workspaces

Today's Mission

continue this work and build on these accomplishments



establish goals and actions for creating high-functioning metadata



establish goals and actions for creating tools and applications that utilize high-functioning metadata



engage in organizational and community activities to establish and accomplish needed actions

WELCOME

