



ISO 19115-1 Transition: Policy and Planning

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Goal

End Goal: For all of NOAA to adopt ISO 19115 Part 1

2017 Goal: Develop a roadmap that plans out how we transition our metadata standards, tool support and training in a **coordinated** manner while keeping it **tangible** and **comprehensive**



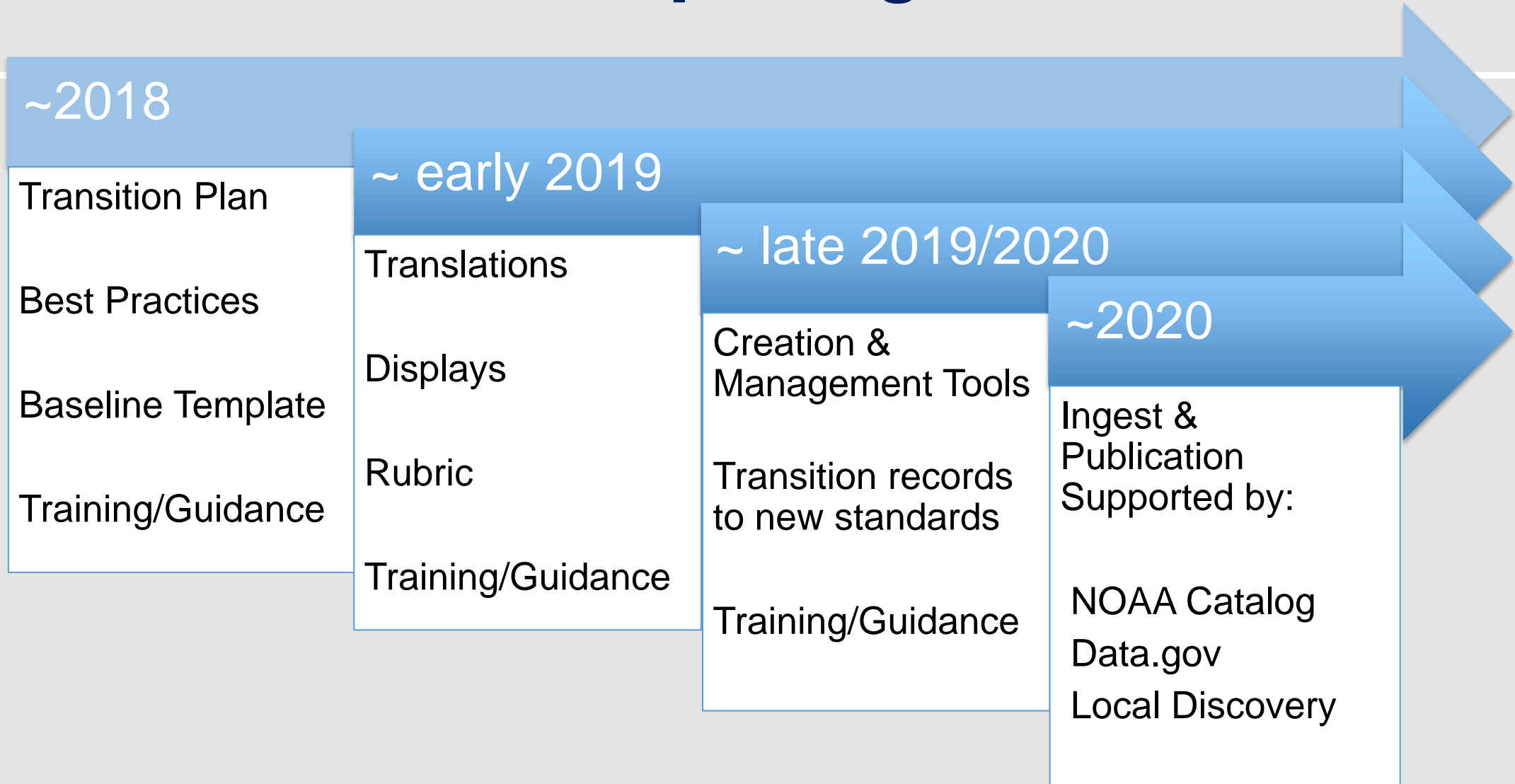
Per the NOAA Documentation Directive



Status

- Work Statement established
- Team made up of **1** - * reps from every line office
- Transition roadmap in progress (*very drafty*)
- Compiling lists of metadata tools, resources that need to be included in the plan
- Compiling list of new resources that should be developed

Road Map *rough draft*



Peer-to-Peer Training

- Reviewing differences and new features of standards
- Engaging tool developers when needed

- Shared knowledge
- Common best practices discussed
- Opportunity to normalize content across NOAA



Expected Challenges

- NOAA is rich with multiple metadata solutions
- Tool evolution is dependent on resources
- Alignment with data.gov and other external catalog
- Alignment with data providers requires outreach and education

Expected Benefits

- Common NOAA Guidance
- Coordinated transition
- More consistent metadata content
- Opportunity to update & improve tools

Planning Team

Planning Team

- Include:
 - tech & management staff
 - varied units/disciplines
 - champion
- Assign roles
 - planning
 - implementation

Metadata Templates

Metadata Templates

- Incorporate standards into single record
- Include:
 - custom domains
 - fixed content
 - value restrictions

Transform Approach

Metadata Components

- Include key:
 - contacts
 - sources
 - methods
- Identify component registry

Transform Approach

- Which metadata
 - all
 - select
 - none
- Made via
 - Metadata editor import
 - XSLT
 - publication e.g. GeoPlatform
- ID post transform edits

Establish Geospatial Metadata Foundation

- Inventory metadata resources
- Address shortcomings

Develop ISO Metadata Implementation Plan

- Establish planning team
- Select ISO standards
- Select ISO tools
- Build organizational metadata record templates
- Build metadata component library
- Determine UUID assignment
- Establish transform approach
- Establish implementation policy & timeline
- Establish training & outreach plan

Initiate ISO Geospatial Metadata Implementation

- Educate staff
- Train metadata creators
- Pilot implementation
- Revise plan based on pilot outcomes
- Create & publish ISO geospatial metadata
- Actively participate in ISO metadata aware community

Metadata Resource Inventory

- Metadata Holdings
- Staff
- Policies
- Tools
- Community
- Training
- Infrastructure
- Standards

ISO Standards

See *ISO Standards Overview*

ISO Tools

See *FGDC ISO Tool Review*

UUID Assignment

See *UUID Options*

Policy and Timeline

- Directive or guidance
- Applicable agencies/units
- Required plan components
- Staged timeline
 - o apply to new metadata
 - o transform existing meta

Training Plan

- Existing online training
- Available training materials
- Develop/procure classroom training

Metadata Inventory

Policy & Timeline

Training Plan



THANKS

Questions, Ideas, Comments?

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