



Jumping Ahead

Meaningful Metadata Modernization

Jordan Erker & Erin Mansell | GeoDiscover Alberta | July 8, 2015

BACKGROUND



Large Land Base 255,541 sq mi

- Sparse Population Distribution
- 1.5 times the size of California with about a 1/10 of the population



Resource Based Economy

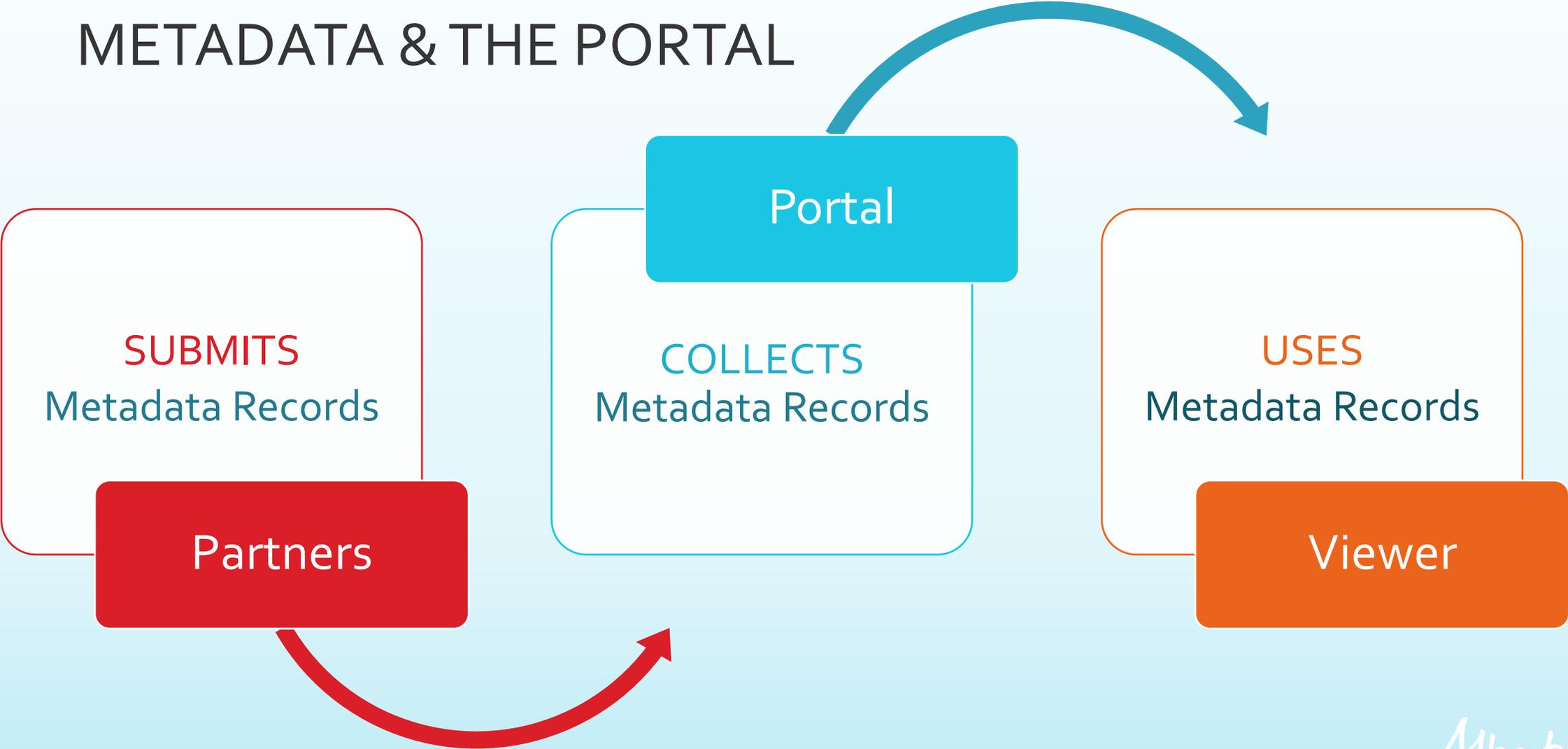
- Highly Specialized Interests
- Technology Enabled – SuperNet



Independent Culture

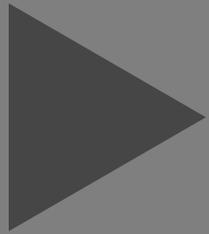
- Demand for Autonomy
- Demand for Expertise

METADATA & THE PORTAL



METADATA & ALBERTA

Stakeholders & Accomplishments



1998 GoA PROFILE
MODIFIED FGDC: CSDGM



2009 GDA PORTAL
Metadata records form portal
search engine

2014 EDITING TOOL

Requirements gathering around
creation of a FGDC metadata
style sheet.



Created by Stanislaw Levin
from the Noun Project

2013 ARCGIS 10.X
ArcCatalog no longer
supports a modified FGDC
profile



Created by Anas Ramadan
from the Noun Project

2015 PROFILE CHANGE

Project to test implementation
strategies for ISO NAP 19115.

METADATA & ALBERTA

- ◆ 1998 MODIFIED FGDC: CSDGM
- ◆ 2009 GDA PORTAL OPENS METADATA RECORDS
- ◆ 2013 UPGRADE TO ARCGIS 10.X – JEOPARDIZES METADATA CREATION
- ◆ 2014 BUILDING OF A METADATA EDITING TOOL TASKED
- ◆ 2015 JUMPING AHEAD AND DECIDING TO MODERNIZE THE PROFILE

REASONS TO JUMP

COMPLICATIONS DUE TO CUSTOMIZED PROFILE



FGDC DEPRECATION



NO FORTHCOMING ENHANCEMENTS



OPPORTUNITY FOR METADATA QUALITY
ENHANCEMENTS

CHANGING PROFILES



ISO 19115 NAP
here we come!

Making the Jump

Modernizing the GoA's geospatial metadata profile.



Even if you are on the right track you will get run over if you just sit there. – *Will Rogers*

The goal of this project is to **update the GoA's geospatial metadata profile** from a customized version of FGDC:CGDSM to standard instance (not customized) of ISO NAP 19115-1 and have the Geodiscover **portal records completely updated by December 31, 2015.**

What we learned from **not building** the tool...

WE WANTED TO:

- ◆ Improve Content Standardization
- ◆ Simplify Metadata Creation
- ◆ Automate Conversion
- ◆ Enhance Educational Resources
- ◆ Increase Editors
- ◆ Align with current federal standards

Project Objectives



For the project to be successful the following **elements** need to be addressed.

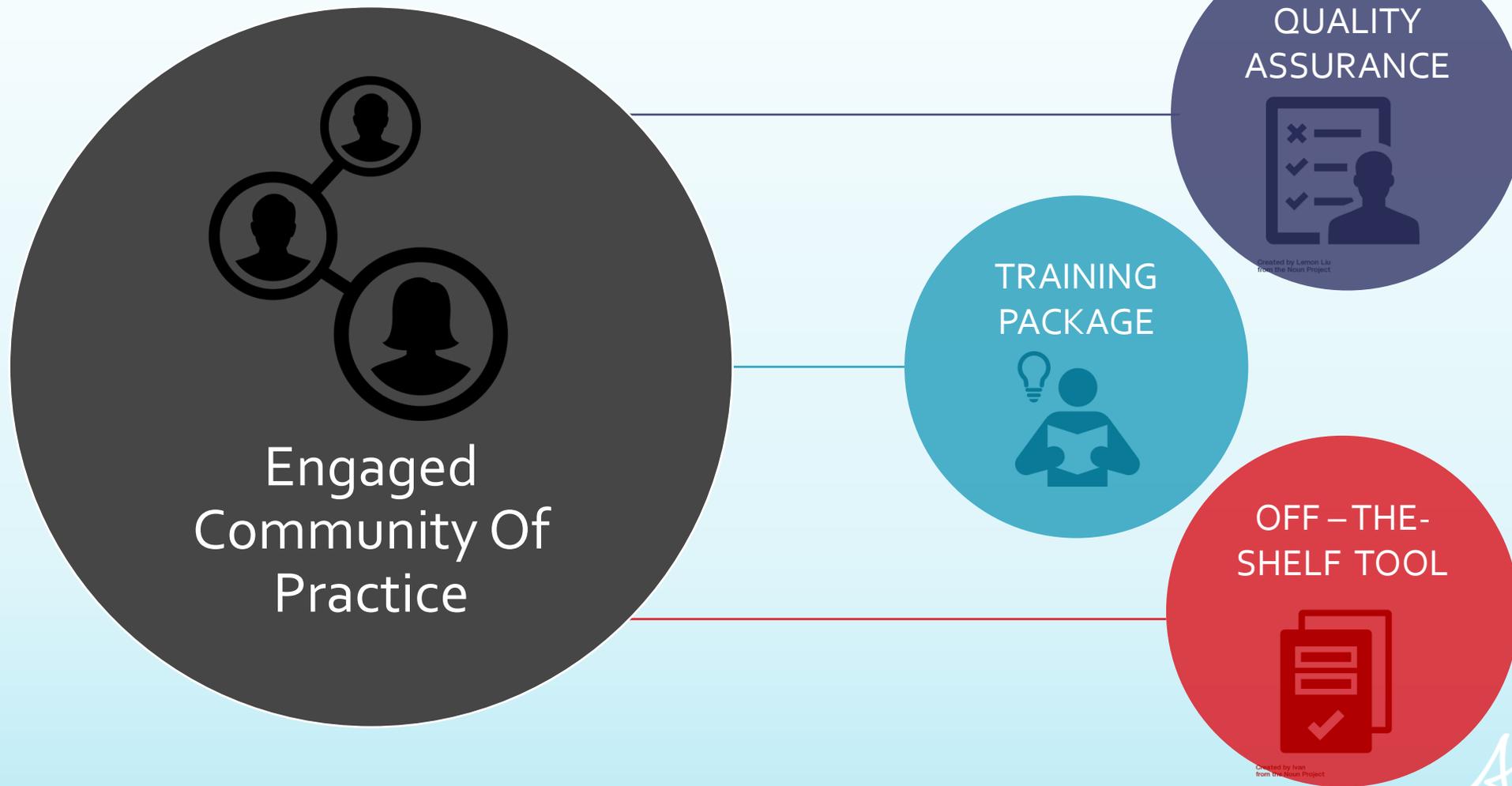
CHALLENGES



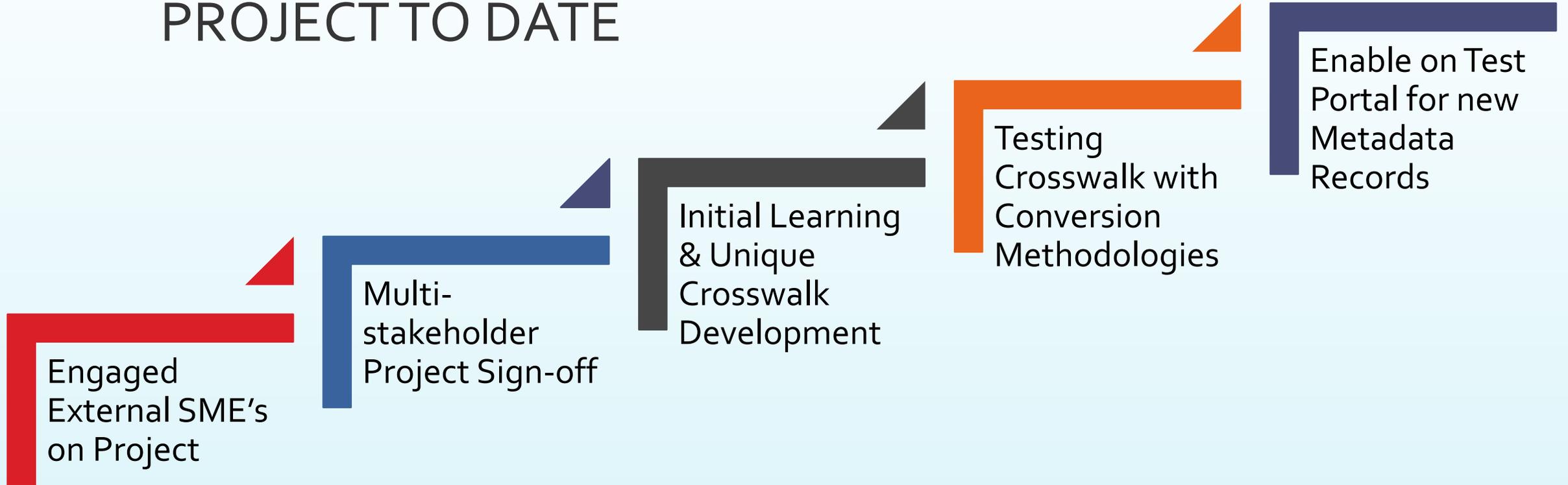
SPRING BOARDS



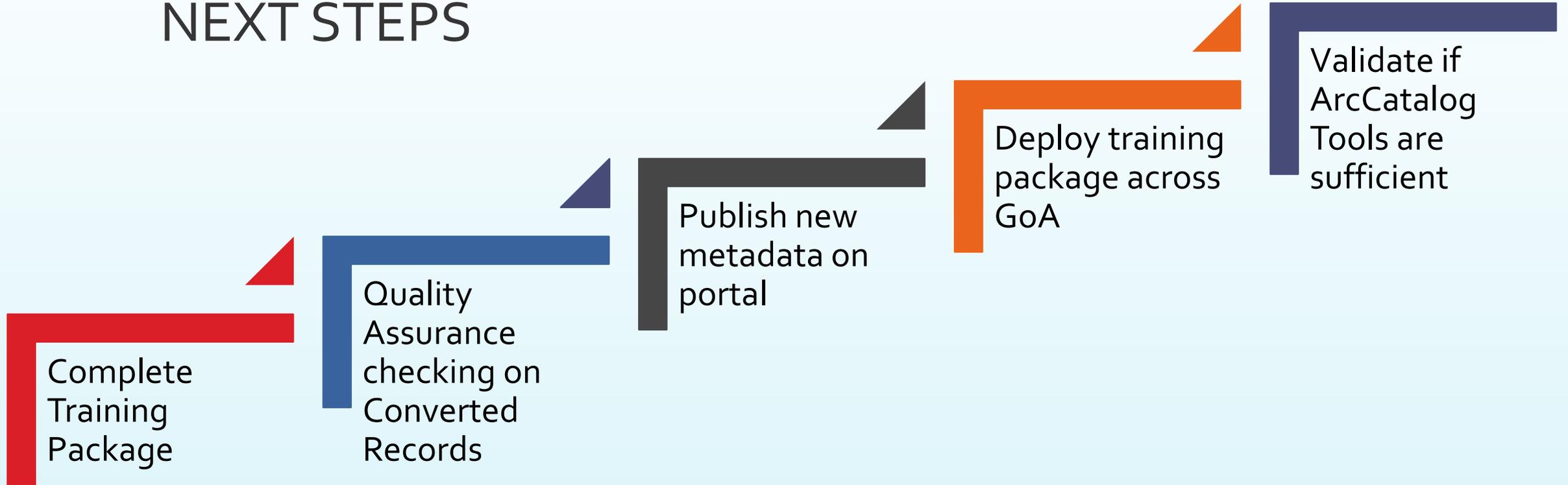
KEY DELIVERABLES



PROJECT TO DATE



NEXT STEPS



OPPORTUNITY

"In the long history of humankind those who learned to collaborate and improvise most effectively have prevailed."

-Charles Darwin



◆ QUESTIONS ◆

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