

Technology Services Board Portfolio and Policy Subcommittee Meeting

July 11, 2019

10:00 a.m. - 12:00 p.m.



WA • Office of the

Chief Information Officer

AGENDA

TOPIC	LEAD	PURPOSE	TIME
Welcome and Introduce New Board Member	Sue Langen	Introductions	10:00
Approve Minutes from May 9 Subcommittee Meeting	Sue Langen	Approval	10:04
Project Status - Office of Financial Management's One Washington Program <ul style="list-style-type: none"> • Pat Lashway, Executive Sponsor • Vann Smiley, Program Executive Director • Anna Brannen, QA, Bluecrane 	Sue Langen Pamela Davis-Taggart	Project status	10:05
GIS Program Update & Standards Review 161.01 – Geodetic Control Data Standard – Update 161.02 – Geospatial Metadata Standard - Rescind 161.03 – Hydrography Data Standard – Update 161.05 – Geospatial Application & Data Services Metadata Standard - Rescind 187.10 – Metadata Standard - Update	Sue Langen Joanne Markert	Review/recommend for full board approval	11:00
IT Project Gated Funding Process Overview	Sue Langen Derek Puckett	Overview of 2019-21 process	11:25
Public Comment			11:45

Welcome New Board Member



Matt Boehnke
House Republican

Rep. Boehnke represents the 8th Legislative District, including Richland, West Richland and Kennewick.

Assistant ranking member:
House Innovation, Technology and Economic Development Committee

Also serves on:
House Transportation, Environment and Energy Committee
House Capital Budget Committee

Current TSB Portfolio & Policy Subcommittee Members

Industry Members

Butch Leonardson – Leonardson Leadership Svcs
Paul Moulton – Costco (webex)

Legislative Members

Rep. Zack Hudgins - House D
Rep. Matt Boehnke – House R (webex)
Sen. Patty Kuderer - Senate D (webex)

Executive Branch (Agency Directors)

Jim Weaver – State CIO and TSB Chair
Vikki Smith – DOR
Tracy Guerin – DRS

Other Government

Jeff Paulsen – Labor Rep

Blue – members present
Black – members absent

Welcome/Approve 5/9 minutes

Introduction

7/11/19

5

Project Status – One Washington



July 11, 2019

PROGRAM UPDATE

Technology Services Board



One Washington
A Business Transformation Program



Agenda

- Introductions and welcome
- QA report
- Scene setting
- Program report



QA REPORT

Anna Brannen, Bluecrane



Scene Setting

- Approved budget of \$18.4M
- Five legislative questions:
 - Why does it take so long?
 - Can you bring the cost down?
 - What are you doing differently?
 - Are you leveraging technology and changing business processes?
 - Can you get this done?
- Program acknowledges the “RED” and reasons why

Program Restructure – Decision Package

Requested	\$3,298,000	One Washington carry forward
	\$29,344,000	Business readiness activities
	<u>\$27,419,047</u>	Agency change management
	\$60,061,047	Total

Received	\$3,298,000	One Washington carry forward
	\$10,222,000	Business readiness activities
	<u>\$4,880,000*</u>	Agency change management
	\$18,400,000	Total

(* \$2,400,000 - IT Pool, \$2,400,000 - Federal match)

Program Report – Risks to Initial Investment Plan

Approved budget requires significant modification to strategy:

- Insufficient financial and human resources to implement the preferred option
- Incomplete funding for consultant contracts
- Delays in selecting SaaS and systems integrator will place schedule for current strategy at significant risk

Program Challenge

- Adapting scope, schedule and overall strategy to budget
- Remain focused on:
 - Agency readiness
 - Program readiness
 - Organizational change management
- Challenge is developing a strategy that meets the following criteria:
 - ✓ Feasible
 - ✓ Attainable
 - ✓ Sustainable
 - ✓ Timely
 - ✓ Risk reduction
 - ✓ Get an early win
 - ✓ Lower life-cycle cost
 - ✓ Confidence in solution

Procurement Strategy Options

- Option#1: Adapt by Leveraging an Existing Master Contract
(NASPO vehicle enables SaaS & Integrator selection much sooner)
 - Narrower initial scope
 - Reduces risk
 - Enhances opportunity for success
- Option#2: Best of Breed
(Each business function gets best solution in the marketplace)
 - Higher risk due to integration requirements
 - Likely higher cost projections
- Option#3: Stay the Course
(Execute IAW current approved Investment Plan and Technical Budget)
 - Funding significantly restricts ability to execute current investment plan
 - Likely have to slide schedule to the right
 - Projected budget IAW current Tech Budget

The Ask for Success

- Input on our adapted course of action
- Help identifying allies (leverage tech expertise)
- Program access to members during interim; fellow member support during session
- Budget and messaging support (regardless of adapted vs current strategies)
 - Program readiness
 - Agency readiness
 - Organizational change management
 - SaaS subscription / system integrator costs (head start)



FOR MORE INFORMATION:

Website: one.wa.gov

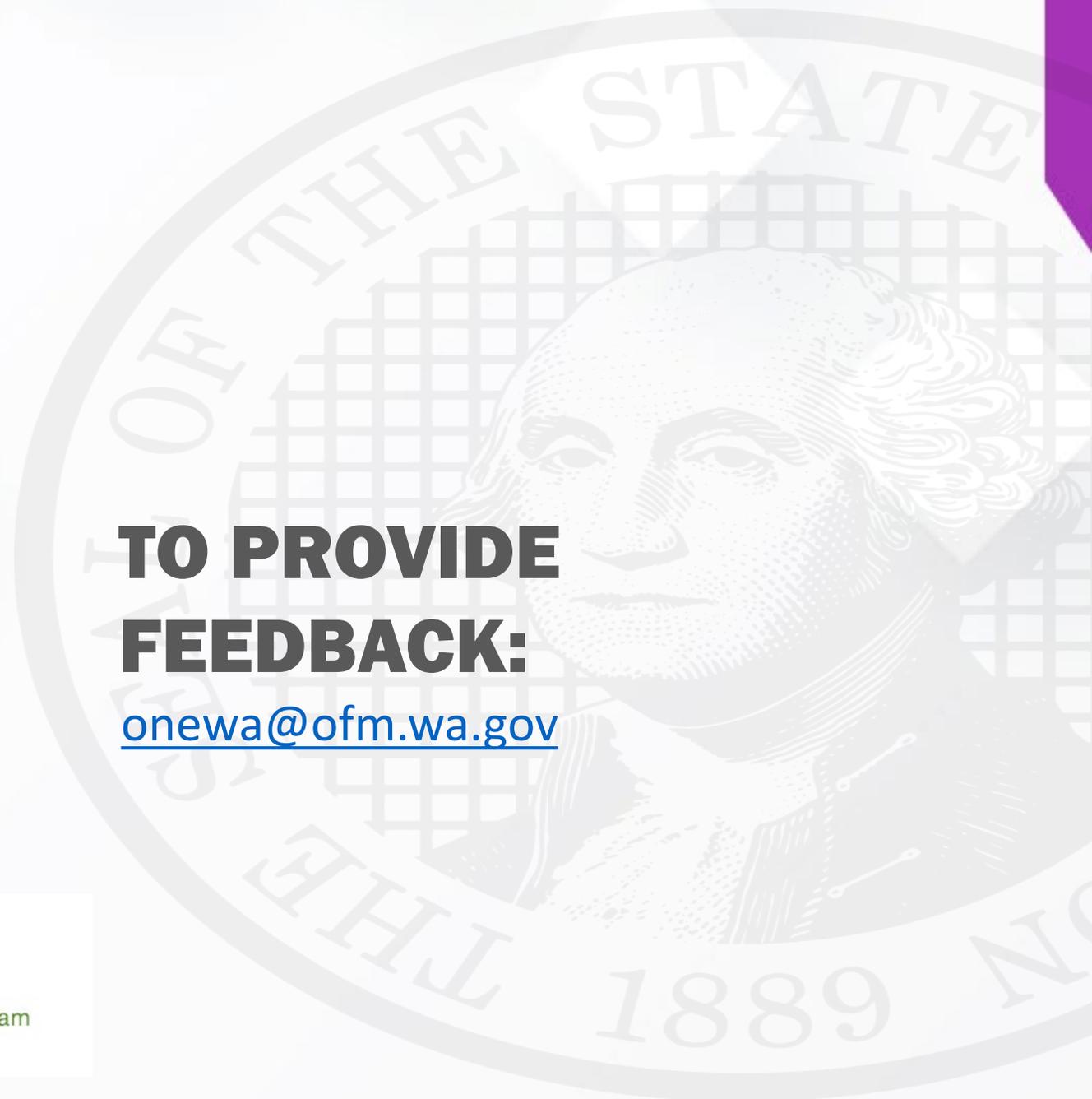
Email: onewa@ofm.wa.gov



One Washington
A Business Transformation Program

TO PROVIDE FEEDBACK:

onewa@ofm.wa.gov



Washington: Harnessing the Power of Where Plan. Innovate. Participate.

July 2019

7/11/19

Harnessing the Power of Where

- GIS is a statewide asset
- Simplify access
- Promote benefits of GIS
- Help every state agency benefit from geospatial problem solving
- Encourage collaboration & partnerships



*Collaboration happens at the speed of trust ~
Jack Dangermond UC Conference 2018*

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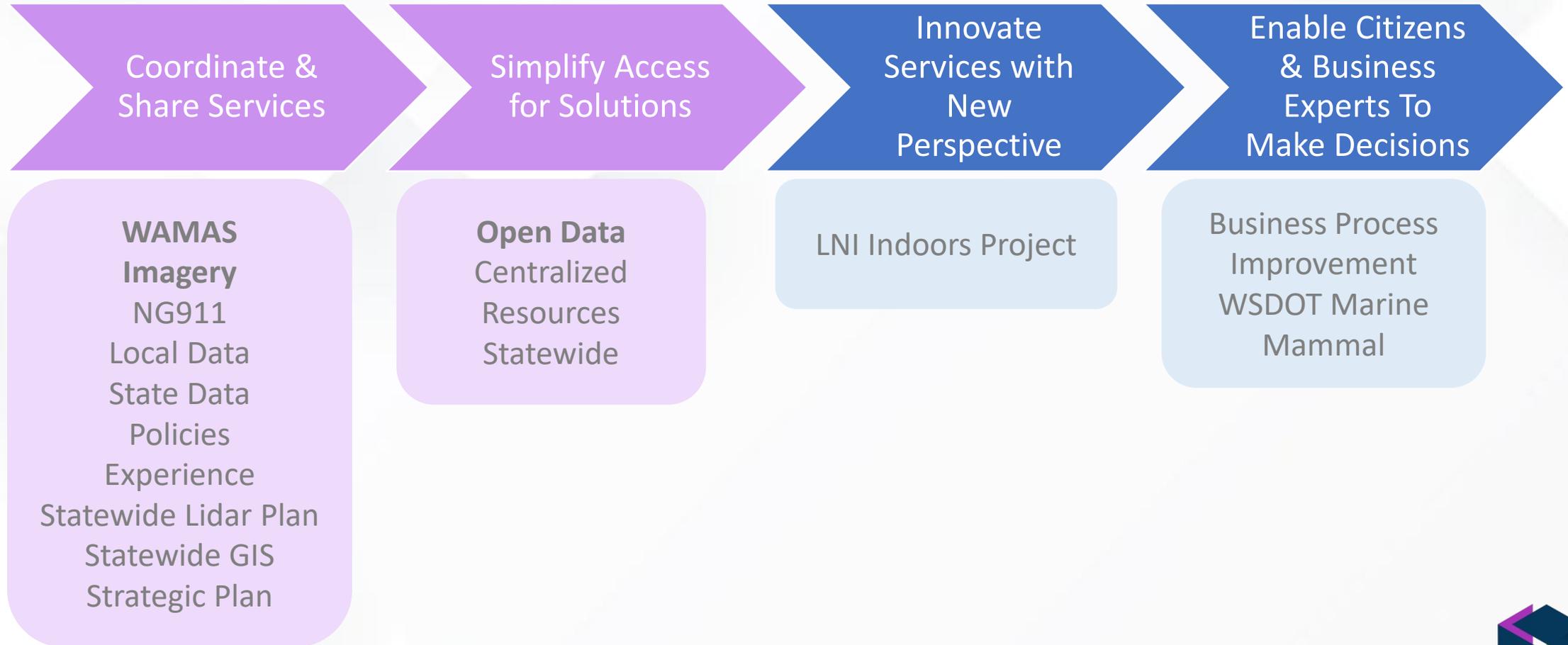
18

Accomplishments 2018-2019

Statewide

- Aligned allocated services with cost centers (Geoportal and WAMAS)
- Migrated both services to the WATech private cloud environment
- Revised and simplified metadata standards
- Built an environment of trust within GIS community
- Updated our statewide GIS Strategic Plan
- Developed and maintained key partnerships
 - Assistance from DSHS, DOR, DOH and DFW to maintain GIS server environment
 - Collaboration with Tableau and Power BI users
 - Participation from over 50 stakeholders in state lidar plan development
 - Three years of successful imagery consortium program (DNR, Military + 20 other state and local agencies)
 - WSU partnership to encourage GIS use within agricultural operations
 - State libraries and schools
- Developed draft change management procedures for geospatial data

Accomplishing GIS at the State



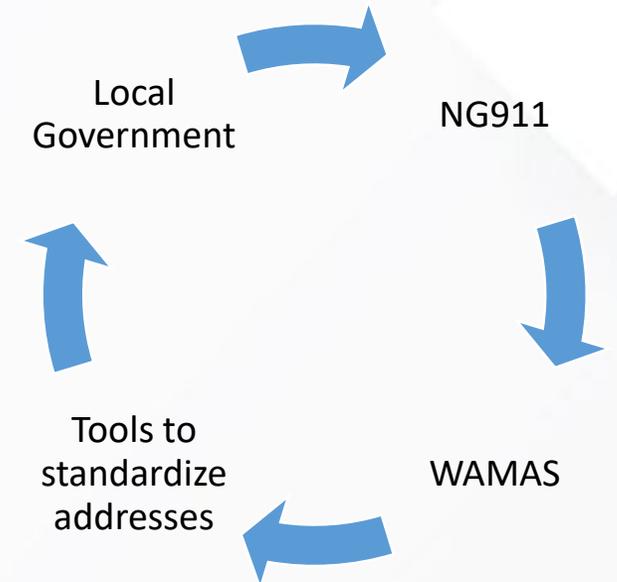


Washington Master Addressing Service (WAMAS)

- Set of data (address points, street centerlines and other information to support finding an address)
- Address locations are compiled into tools
- Identified as needing additional funding

Value

- Consistent addresses helps citizens when getting services from state and county providers
- Collect once, use many times
- Save money by not using commercial products
- 12 new WAMAS customers in past year



Coordinate &
Share Services

Simplify Access
for Solutions

Innovate
Services with
New
Perspective

Enable Citizens
& Business
Experts To Make
Decisions

WAMAS Examples

- **Voting Project (Sec of State)**
 - Making sure ballots get to citizens
- **Who is my representative? (Leg Services)**
 - Finding correct legislative districts on website
- **Census & Redistricting (OFM and Sec of State)**
 - Impacts \$\$\$ to State for 10 years

The screenshot shows the 'WASHINGTON STATE LEGISLATURE' website. On the left is a navigation menu with items like 'Legislature Home', 'House of Representatives', 'Senate', 'Find Your District', 'Laws & Agency Rules', 'Bill Information', 'Agendas, Schedules, and Calendars', 'Legislative Committees', 'Coming to the Legislature', 'Legislative Agencies', 'Legislative Information Center', 'Email Updates (GovDelivery)', and 'View All Links'. The main content area is titled 'District Finder' and includes the instruction: 'Enter your street address (all fields are required) to find your legislative or congressional district.' Below this are input fields for 'Street *', 'City *', 'State' (with 'WA' selected), and 'Zip *'. A 'Find My District' button is positioned below the fields. Underneath the form, there are radio buttons for 'District Type:' with 'Legislative' selected and 'Congressional' unselected. At the bottom is a map of Washington state with a red location pin in the western part of the state, near the coast.

Coordinate &
Share Services

Simplify Access
for Solutions

Innovate
Services with
New
Perspective

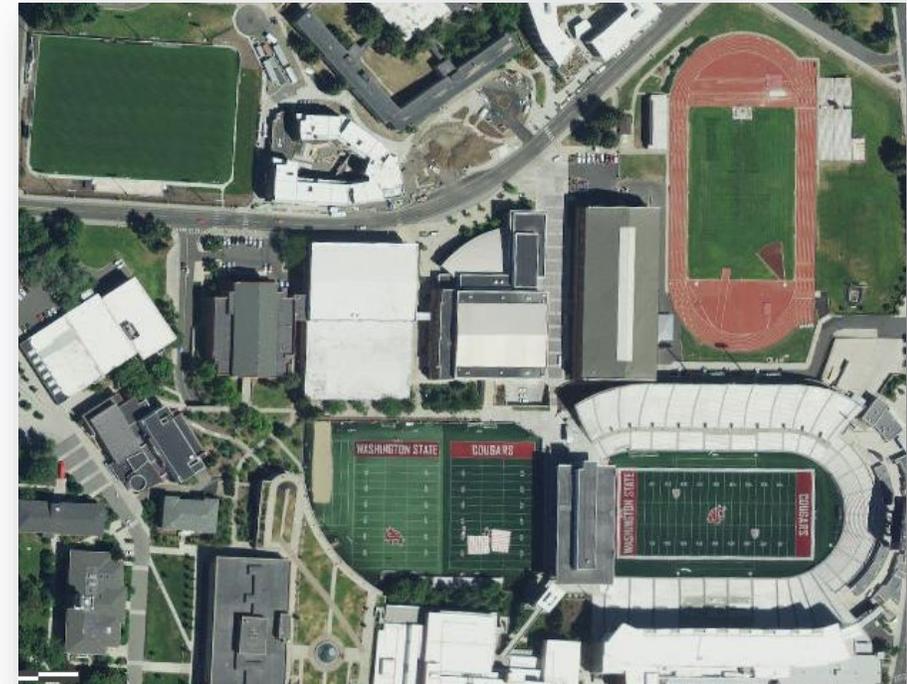
Enable Citizens
& Business
Experts To Make
Decisions

Washington Imagery Acquisition

- Purchase high resolution statewide imagery
- Identified as needing more stable funding

Value

- Seamless imagery between state and county users
- Same base information to create streams, locate buildings (WAMAS data), impervious surfaces and respond to emergencies
- Access to high quality imagery at a fraction of the cost
- 7 state agencies, 22 counties, 4 cities, 26 tribes/ tribal consortiums and over 50 public safety answering points



Coordinate & Share Services

Simplify Access for Solutions

Innovate Services with New Perspective

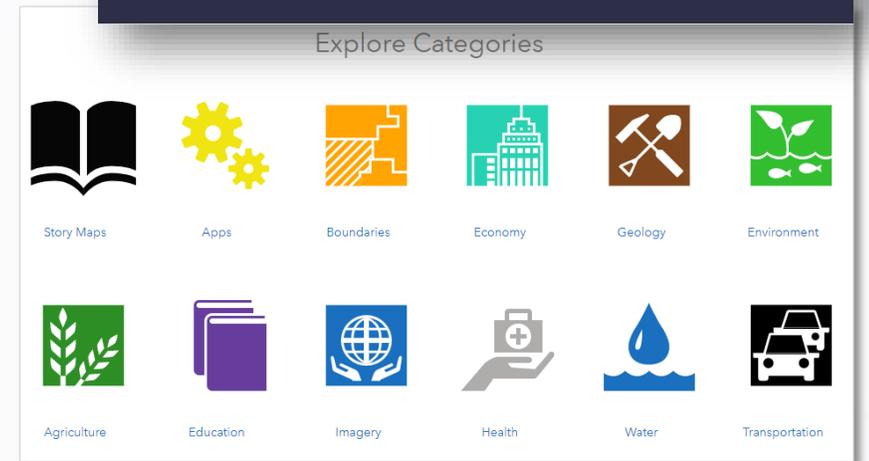
Enable Citizens & Business Experts To Make Decisions

Washington Geospatial Open Data Portal

- Share GIS data with each other and with the public
- **Geo.wa.gov**
- Over 800 items shared and 20+ state agencies
- Metadata assists with finding relevant information

Value

- Emphasizes the host once, use often concept
- Standardized way to share data
- Local Government participate (38 counties, 4 cities, WSU)



Coordinate &
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Simplify Access
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Washington Geospatial ~~Open~~ Agency Data Portal (GeoPortal, part 2)

- Share GIS (locational intelligence) data among **state** agencies
- Platform for Category 2 and 3 data
- Examples: Hazard Mitigation Emergency Management Group; Puget Sound Partnership – Salmon Recovery Efforts

Value

- Emphasizes the host once, use often concept
- Standardized way to share data
- Eventually local government can participate

Coordinate & Share Services

Simplify Access for Solutions

Innovate Services with New Perspective

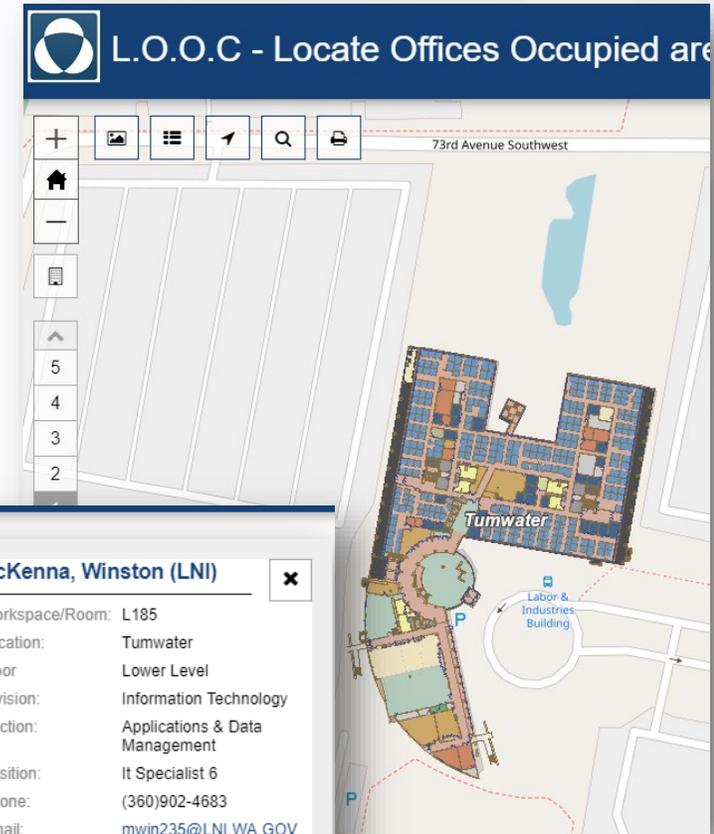
Enable Citizens & Business Experts To Make Decisions

Labor & Industries' Locate Offices, Occupied areas and Cubicles (LOOC)

- Manage state assets and resources
- Think outside the cubicle

Value

- Adding geographic context to existing data (connects to HR, facilities)
- Locate offices, rooms, people quickly and efficiently
- Saving time, thus money



Coordinate & Share Services

Simplify Access for Solutions

Innovate Services with New Perspective

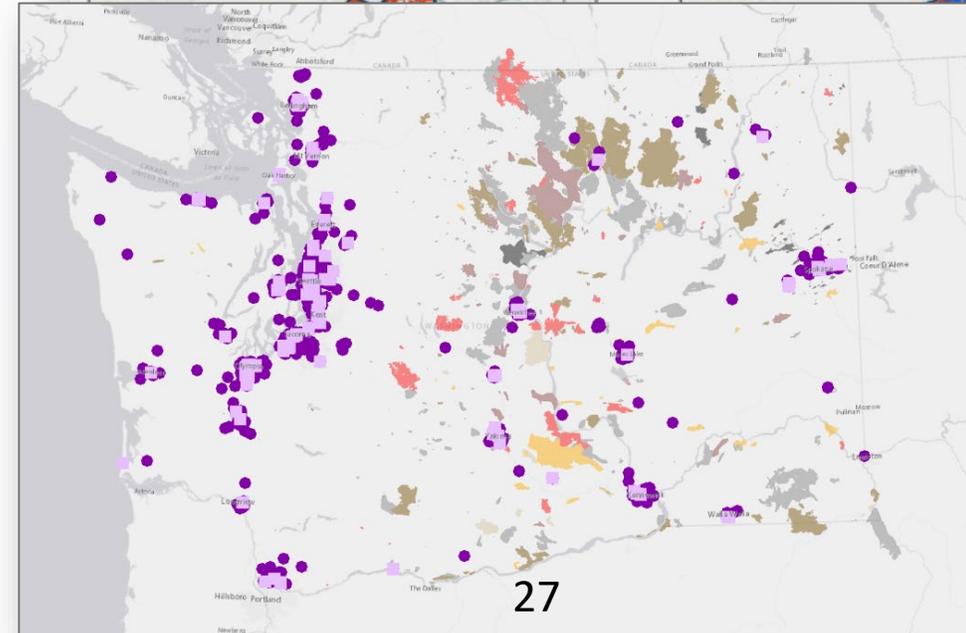
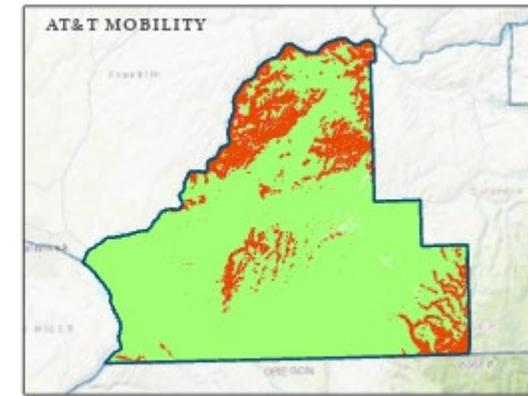
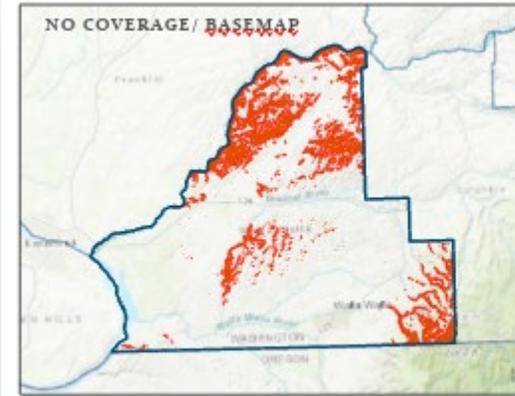
Enable Citizens & Business Experts To Make Decisions

WaTech

- GIS is more than natural resources
- Technology is a critical infrastructure during emergencies
- Data from Apptio system

Value

- Adding geographic context to existing data
- Plan for emergencies
- Summarize expenditures by geographical areas, e.g. legislative districts or counties



Coordinate & Share Services

Simplify Access for Solutions

Innovate Services with New Perspective

Enable Citizens & Business Experts To Make Decisions

Washington State Ferries – Marine Mammal Monitoring

- Business process transformation & mobile GIS
- Simplify data entry – direct to database, no more paper + location!!
- Meets NOAA's Incidental Harassment Authorization permit requirements
- Share data with The Whale Museum and Orca Network

Value

- Protect our Southern Resident Orcas and other marine mammals
- Replaced over 5000 paper submissions manually added to Excel
- Estimated to save over 1500 hours of data entry each season
- Reduced reporting time from months to days



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Marine Mammal Sighting

PSO Monitoring Station ID *

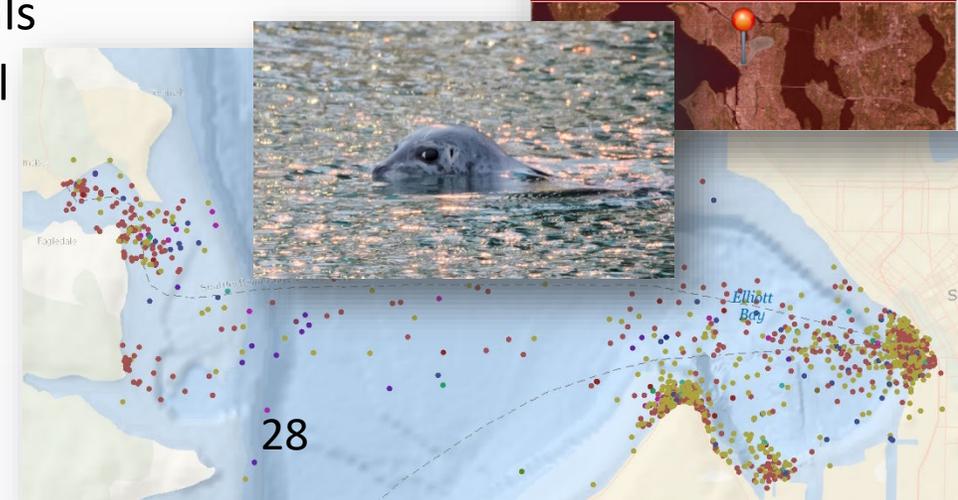
Select one. If PSO is also monitoring for MAMU, select an MAMU station.

Observer Location *

Set the point to your location. The animal's location will be calculated based on your location and the distance/bearing you recorded.

47°36'N 122°20'W ± 262923 m

Coordinates are not within the accuracy threshold of 10 m



The Future



How does including a geographic perspective help solve complex state problems?
GIS is often underutilized in problem solving, how do we maximize the state's investment?

What's Next?

- Solid Foundation
- Increase Use of Geography for Decision Making
- Enable Decisions and Strategic Planning
- Continue to Innovate and Harness the Power of Where

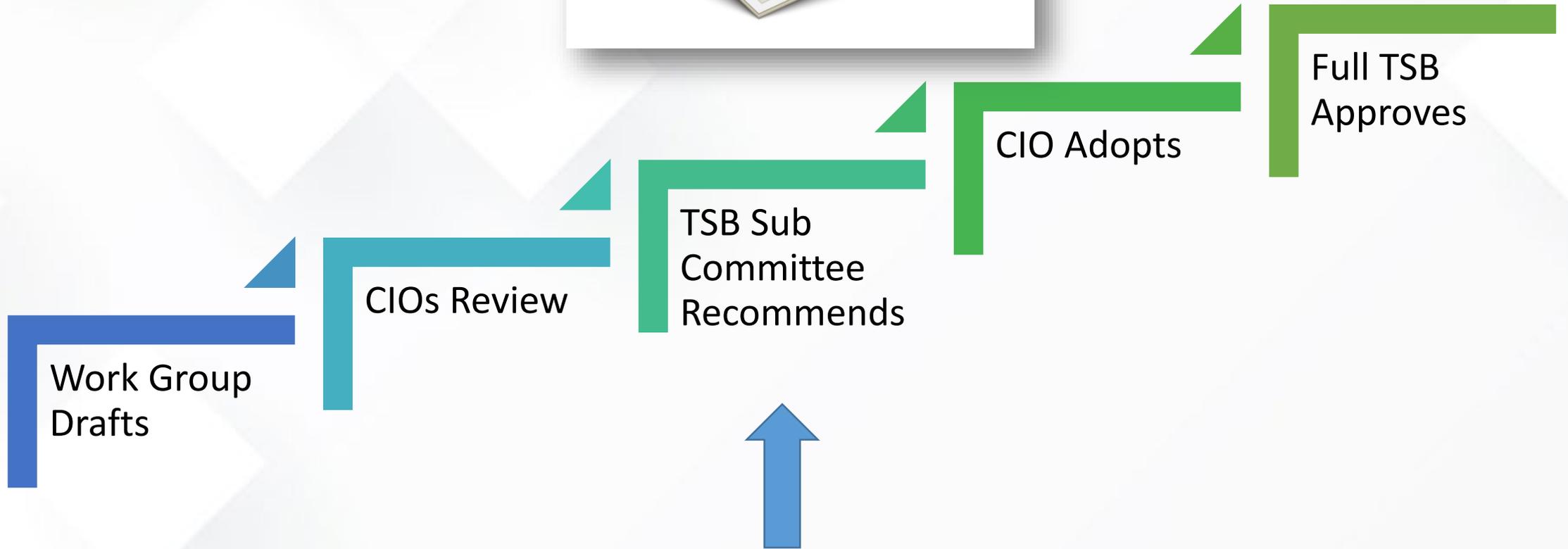
Contact: joanne.markert@ocio.wa.gov or 360.407.8691

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29



Where Are We?



161.01 Geodetic Control Standard



Purpose of action

- Sunset review



Business case

- Clarifying language in the standard to assist with agency implementation.
- Confirm the standard is still useful and valid.



Key objectives

- Clarified codes to use for geospatial data.



Strategic alignment

- This standard is still need to facilitate data exchange among state, local, tribal and federal users of geospatial data.



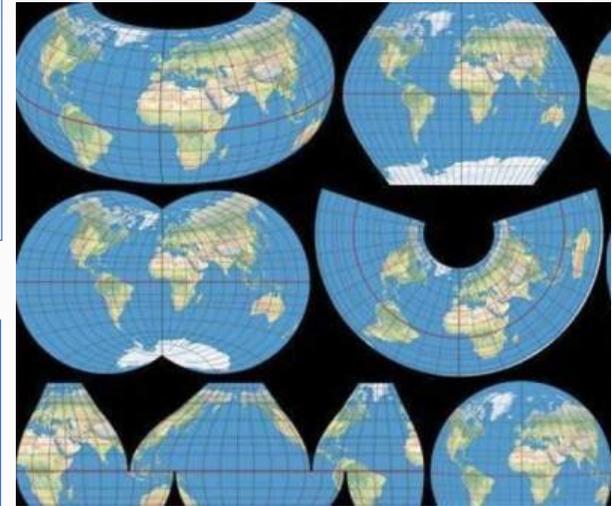
Implementation

- Essentially the same standard, but added clarifying language
- Monitor for expected changes in RCW due to changing federal standards. Review and update again as needed.



Success criteria

- This is already a successful policy



161.03 Hydrography Standard



Purpose of action

- Sunset review



Business case

- Clarifying language in the standard and update hyperlinks.
- Confirm the standard is still useful and valid.



Key objectives

- Minimal language changes.



Strategic alignment

- This standard is still need to facilitate data exchange among state, local, tribal and federal users of geospatial data.



Implementation

- Essentially the same standard, but added clarifying language



Success criteria

- This is already a successful policy



161.02 Geospatial Metadata Standard

161.05 Geospatial Application & Data Services Metadata Standard



Purpose of action

- Rescind and incorporate into 187.10



Business case



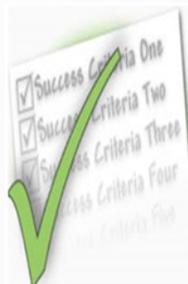
Key objectives



Strategic alignment



Implementation



Success criteria

187.10 Metadata Standard



Purpose of action

- Combine three separate metadata standards into one



Business case

- Agencies have a single standard to reference for creating metadata
- Metadata is need for documenting data and facilitate sharing



Key objectives

- Combine three metadata standards into one



Strategic alignment

- This standard is still need to facilitate data exchange among state, local, tribal and federal users of geospatial data.



Implementation

- Should simplify the implementation for agencies
- Geospatial community is creating guidelines to augment this standard

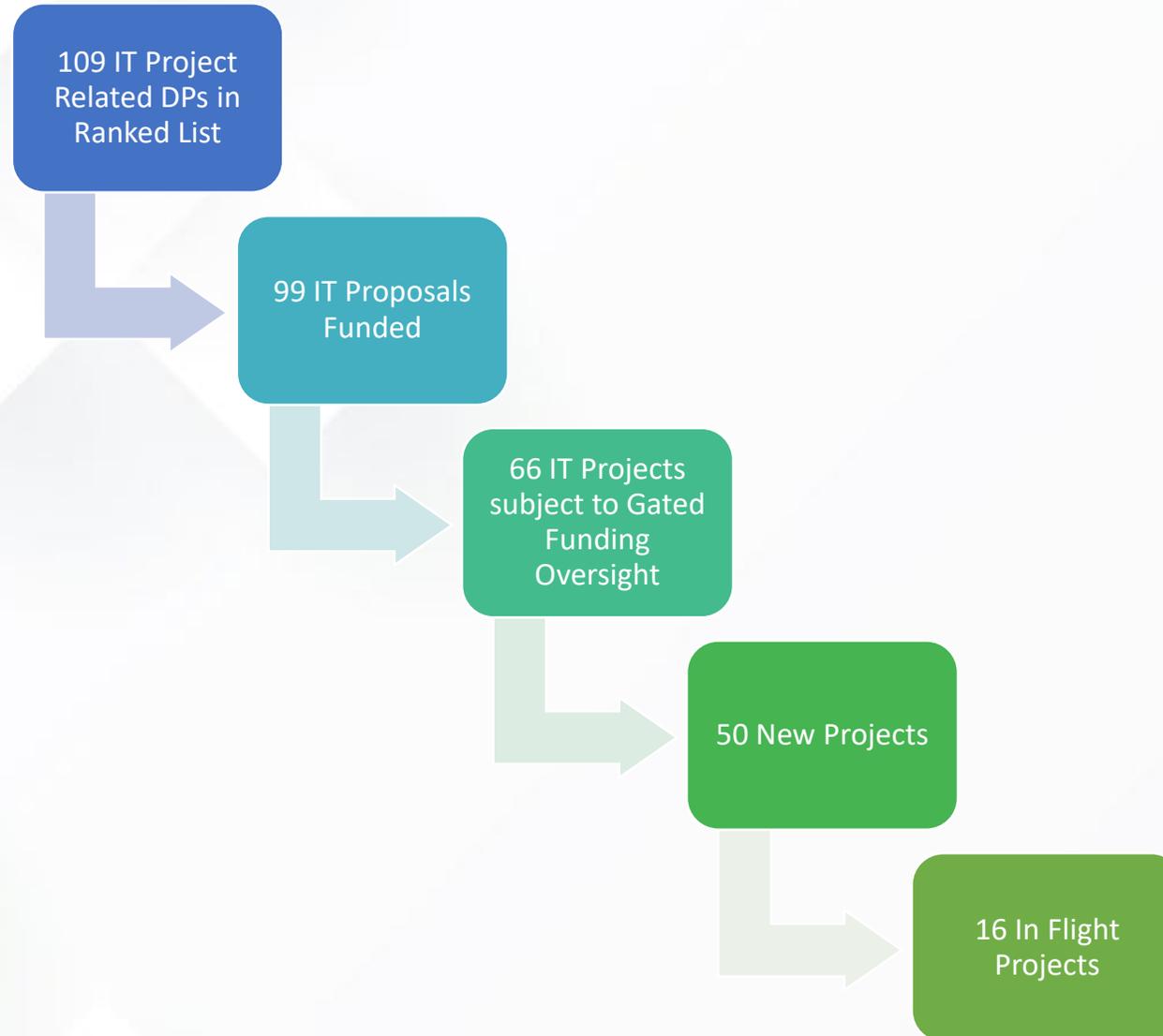


Success criteria

- This is already a successful policy

IT Project Gated Funding Overview

19-21 Biennial Budget - Projects by the Numbers



New Requirements for Gated Funding Projects

Increased Financial Oversight

- Projects must establish dedicated coding to track project costs
- Agencies must use a standard technology budget template for their projects

Holdback Clause

- Funds requested at each gate are subject to a 15% holdback until gate deliverables are certified

Public Reporting

- OCIO will report publicly on fiscal performance of projects on a monthly basis

Communication Strategy

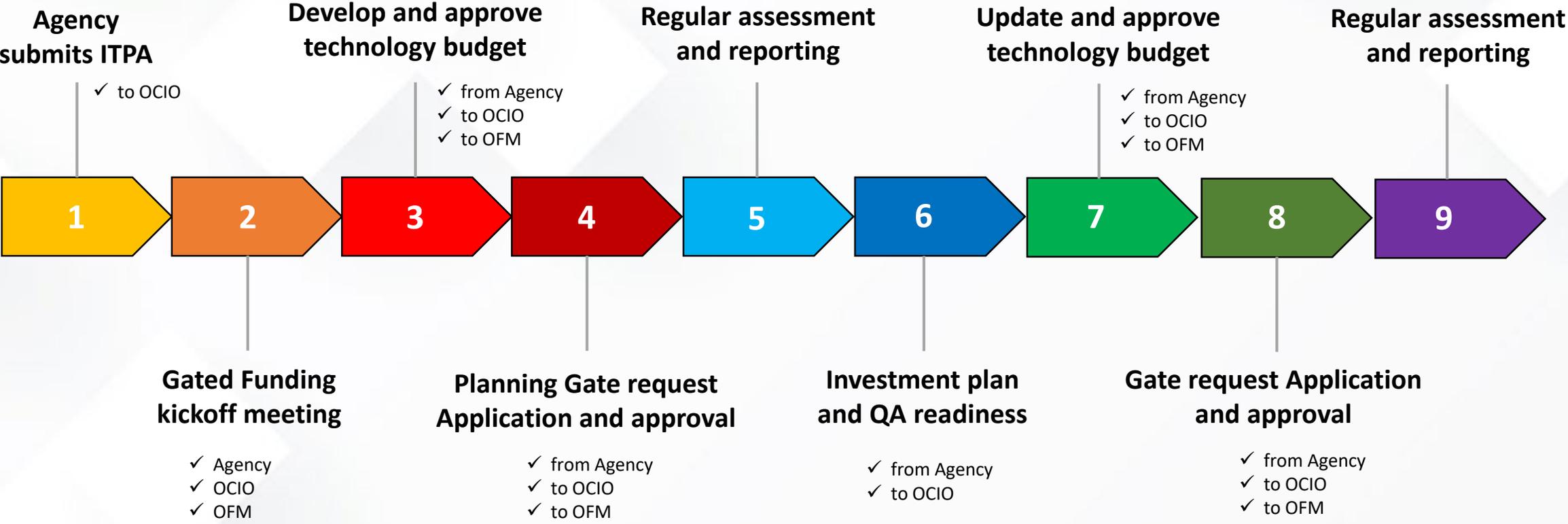


- OCIO led 8 trainings attended by about 300 project staff

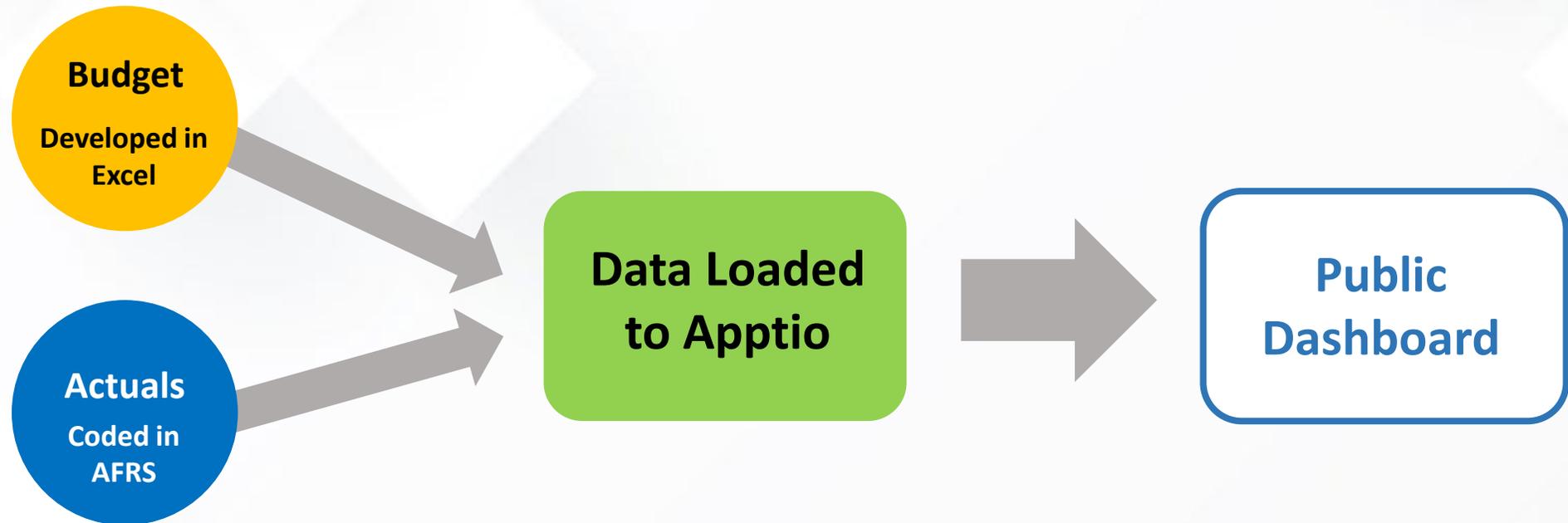
- Dedicated page on website for gated funding materials and required templates

- Video guide developed specifically for the complex technology budget template

Gated Funding Process



Financial Reporting Workflow



Public Comment
