



Klamath Irrigation District Infrastructure Modernization Project

Public Scoping Meeting: February 7, 2023

Meeting Agenda

Part 1

Process
&
Project Overview

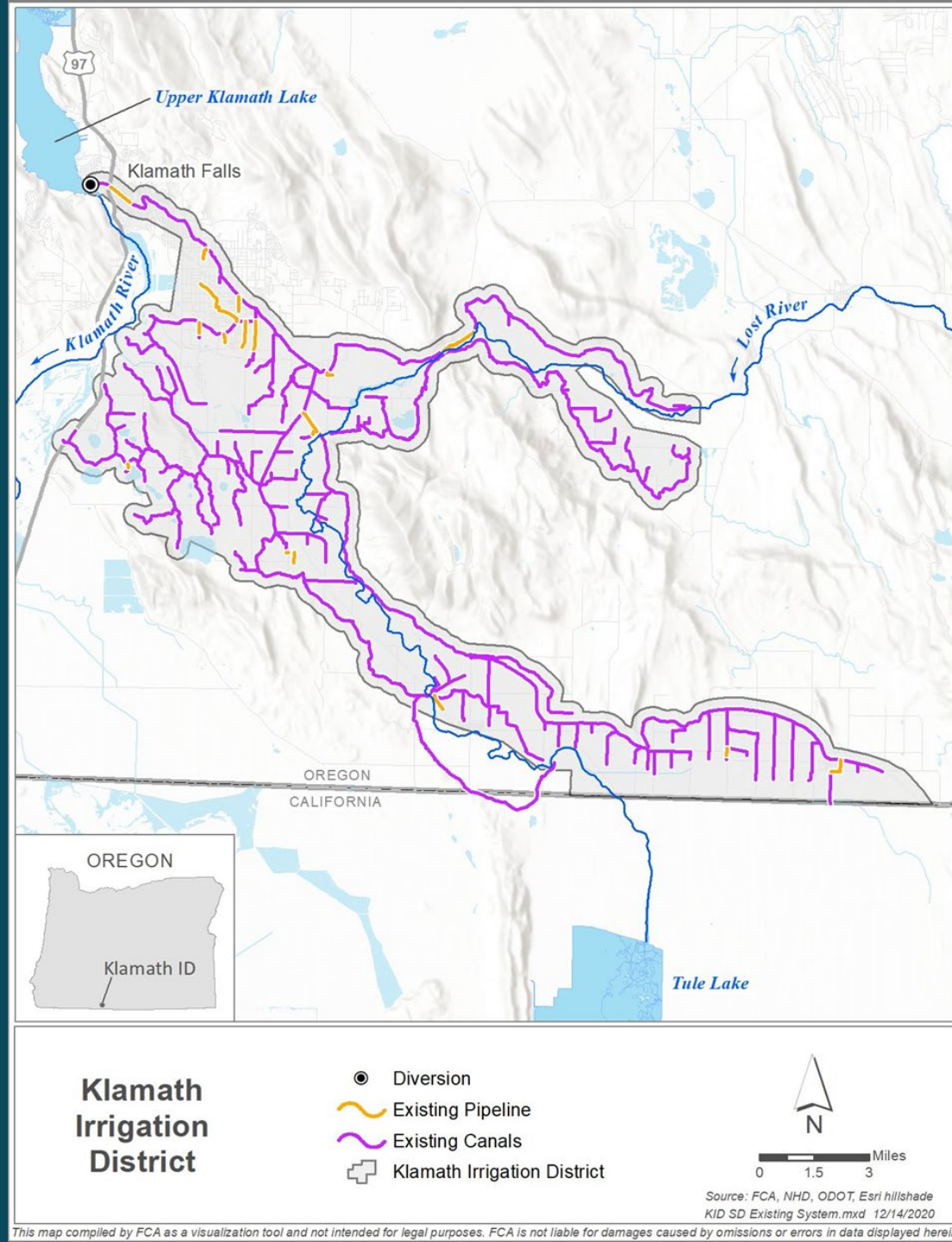
Part 2

Public Comment
Breakout Session



Klamath Irrigation District Overview

- **~2,500** irrigators served
- **~53,600** acres irrigated
- **~200** miles of canals and laterals
- **~200** miles of drainage ditches
- **16** pumps



Project Purpose and Need

- **Improve efficiency of delivery system**
 - System lacks flow monitoring and automatic control
 - Challenging to deliver water to all users
- **Reduce water loss**
 - ~35% of water lost to seepage, evaporation, end spills
- **Reduce operations and maintenance costs**
 - Canals and laterals are up to 113 years old and require frequent repairs
- **Improve drought resilience**

Watershed Protection and Flood Prevention Program (PL-566)

Managed and funded by

US Department of Agriculture Natural Resources Conservation Service (NRCS)

To qualify, irrigation districts must have:

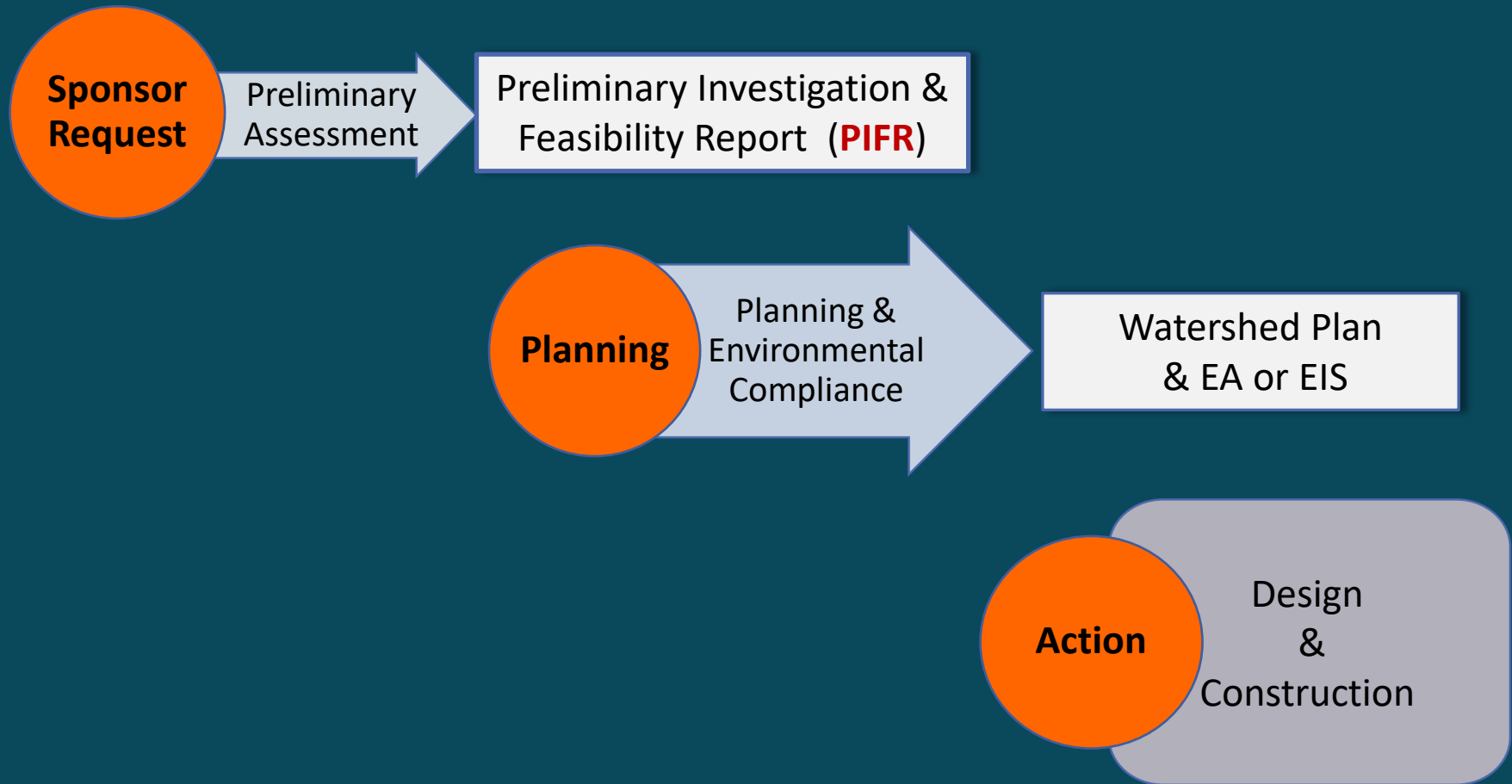
1) Match funding

2) Authorized Final Watershed Plan – Environmental Assessment (Plan-EA)

General PL-566 Requirements

- Must have a project sponsor
- Project must fit at least one of the eight authorized uses
- > 20% of benefits are agricultural or for rural community
- No structure with
 - > 12,500 acre-feet of flood storage
 - > 25,000 acre-feet of total capacity
- Projects that need over \$25 million of federal construction funding require Congressional approval

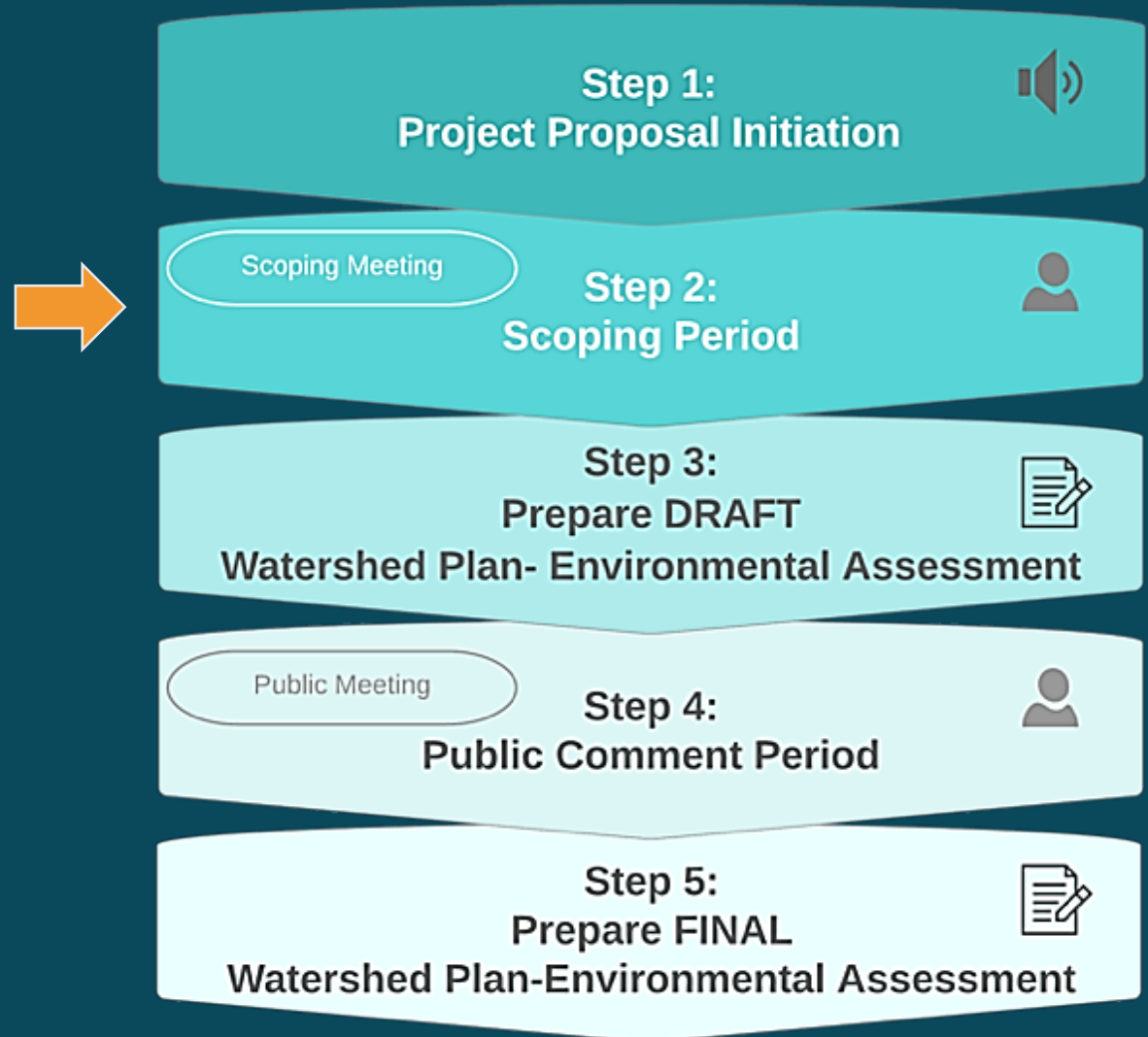
Watershed Program Phases



NEPA and PR&Gs

- National Environmental Policy Act (NEPA)
 - Categorical Exclusions
 - Environmental Assessments
 - Environmental Impact Statements
- Principles Requirements and Guidelines for Water and Land Related Resources Implementation Studies (PR&Gs)

Watershed Planning Phase and Process

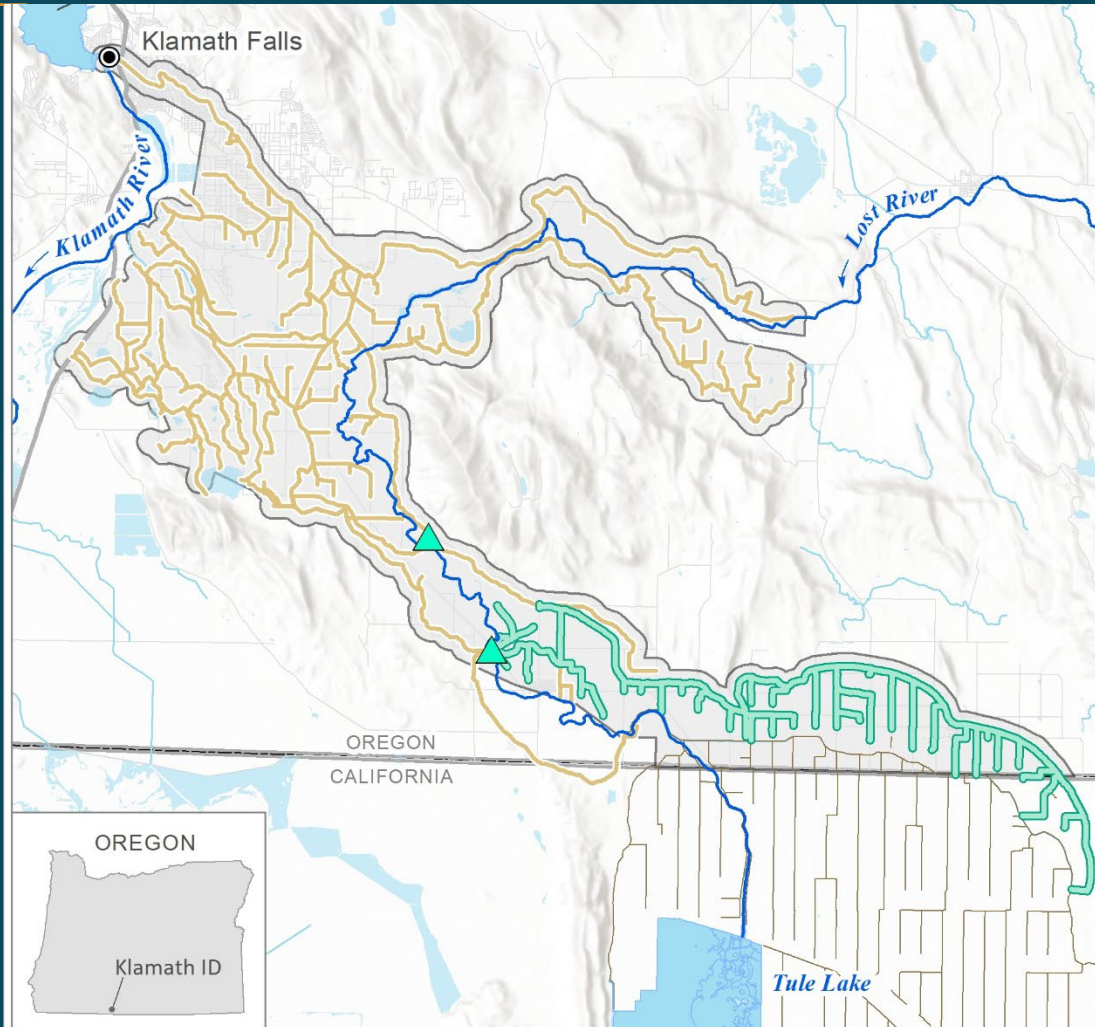


What a Plan-EA Includes

- Purpose & Need
- Proposed Action
- Alternatives
- Affected Resources:
Examples - Cultural, Fish and Aquatic, Vegetation, Water, Wildlife
- Economic Analysis

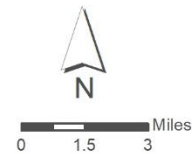


D-System Potential Project



Klamath Irrigation District

- Diversion
- ▲ Proposed pump improvements
- ~ Proposed canal improvements
- ~ Conveyance excluded from scoping
- ~ Tulelake Irrigation District canals
- ☒ Klamath Irrigation District



Source: FCA, NHD, ODOT, Esri hillshade
KID SM Proposed Projects.mxd 10/2/2022

Potential Modernization Alternatives

- Install water measurement and automated control equipment
- Pipe or line sections of open canals and laterals
- Upgrade pumps



Potential Resources to be Analyzed

- Geology and soils
- Cultural resources
- Vegetation
- Fish and aquatic species
- Wildlife
- Surface water
- Groundwater
- Wetlands, Riparian Areas, Floodplains
- Land use and recreation
- Environmental Justice
- Public Health and Safety
- Ecosystem Services
- Economic Benefits and Costs

Potential Benefits of K.I.D's Infrastructure Modernization Project

- **Save** water from seepage, evaporation, and end spills
- **Improve** irrigation water management and delivery reliability
- **Reduce** operations and maintenance costs
- **Improve** drought resilience

Part 2

Public Comment Breakout Session



Example Comments

- **Proposed project actions**

Will construction affect my irrigation deliveries?

- **Alternatives**

What about focusing on a different part of the system?

- **Surrounding environment** (cultural, natural, and economic resources)

I am concerned about wildlife in the area. Will you study the impacts of the project on wildlife?

Opportunities to Submit Comments

- Submit comments today
- Online: oregonwatershedplans.org
- Email: klamath.id.comments@gmail.com
- Phone: (541) 716-6085
- Mail: Attn: Klamath ID Watershed Plan
Farmers Conservation Alliance
102 State St.
Hood River, OR 97031

Scoping Period Ends March 9, 2023

Thank you for coming

Breakout session for
questions and comments