



# OREGON

DEPARTMENT OF AGRICULTURE

## WATER QUALITY ROLES AND RESPONSIBILITIES

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## DISCUSSION QUESTIONS

- **How do we accelerate work beyond current schedule?**
- **Can we leverage other resources?**
- **How to navigate capacity limitations among local partners?**
- **How to modify our approach when working in a challenging area?**



## INTRODUCTION

### **Program:**

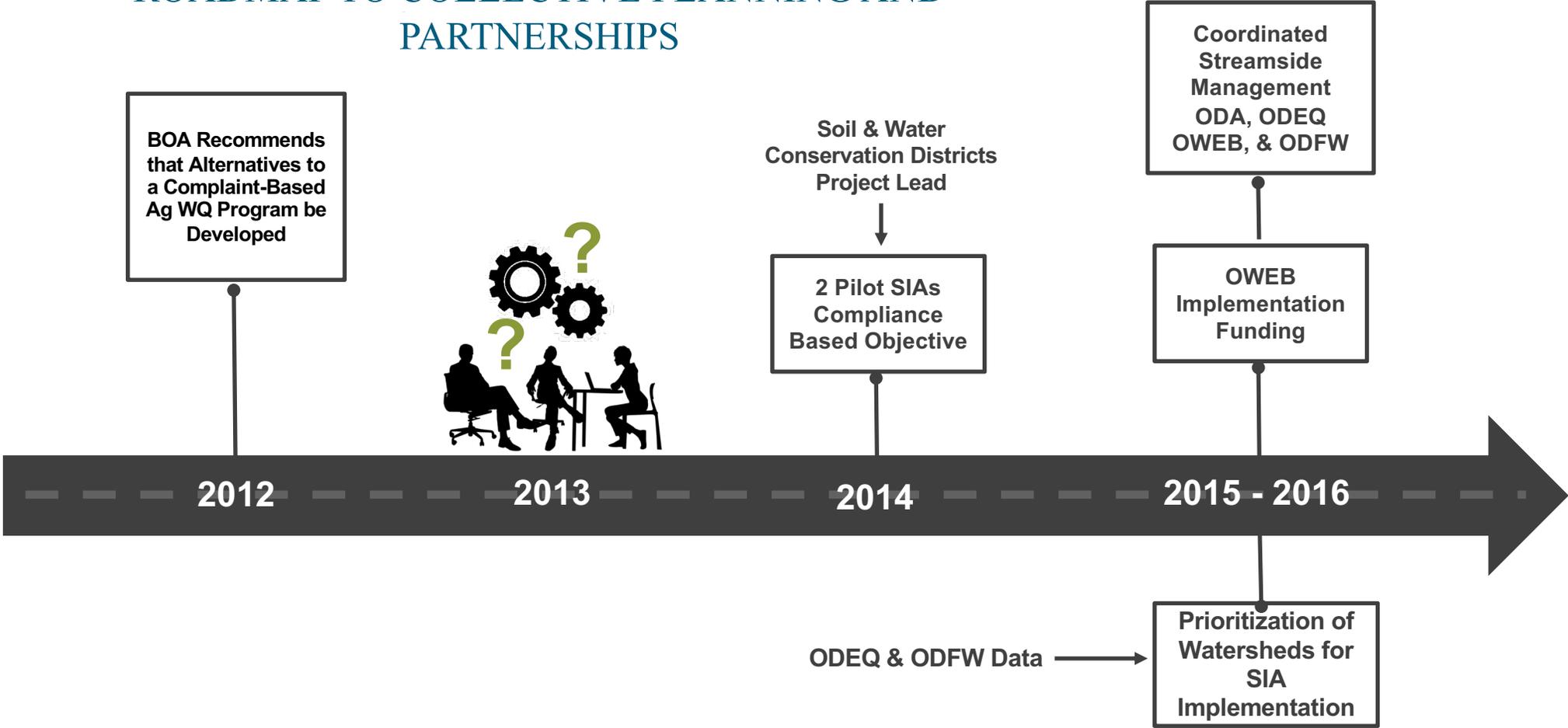
- Is outcome-based
- Reflects the diversity of Oregon's landscape and agriculture
- Is continuously improving with significant change in last 5 years



## ROLES AND RESPONSIBILITIES

- **Agency coordination:**
- ODA – regulatory compliance, biennial reviews, monitoring and evaluation
- DEQ – scientific and technical analysis of opportunities, status and trends reports, biennial review participation, responsible for multiple nonpoint and point sources
- OWEB – supports agency priorities to achieve uplift, convene interagency monitoring discussions

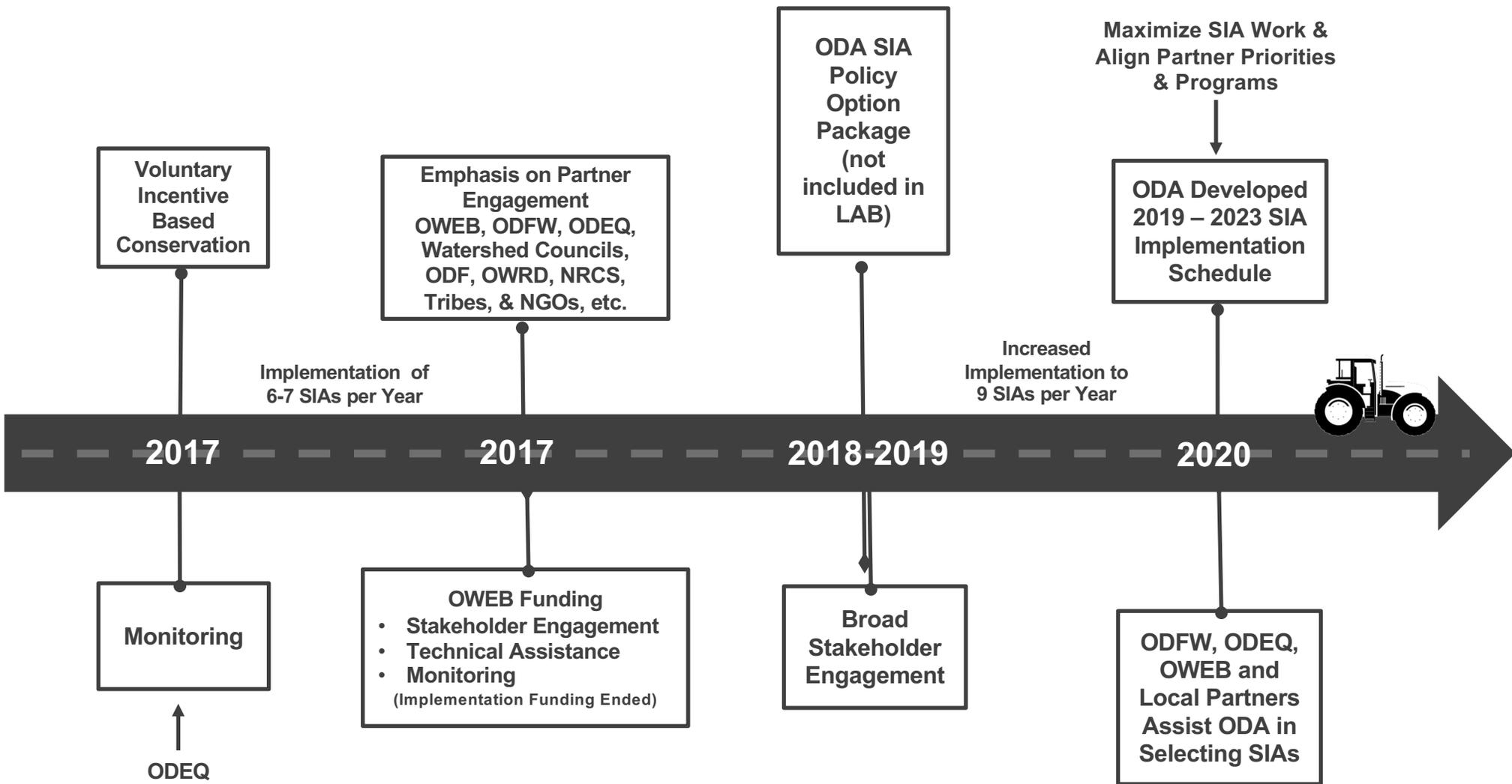
# COORDINATED STREAMSIDE MANAGEMENT: ROADMAP TO COLLECTIVE PLANNING AND PARTNERSHIPS





## COORDINATED STREAMSIDE MANAGEMENT – WHERE WE ARE GOING

- **Accelerating implementation with existing resources**
  - Re-prioritizing time
  - Long-term planning: SIAs in 9 Management Areas per year
  - Adding in more HUCS as possible
  - Expanding into more challenging areas of the state



**SIA Stats: 2014 - 2018**

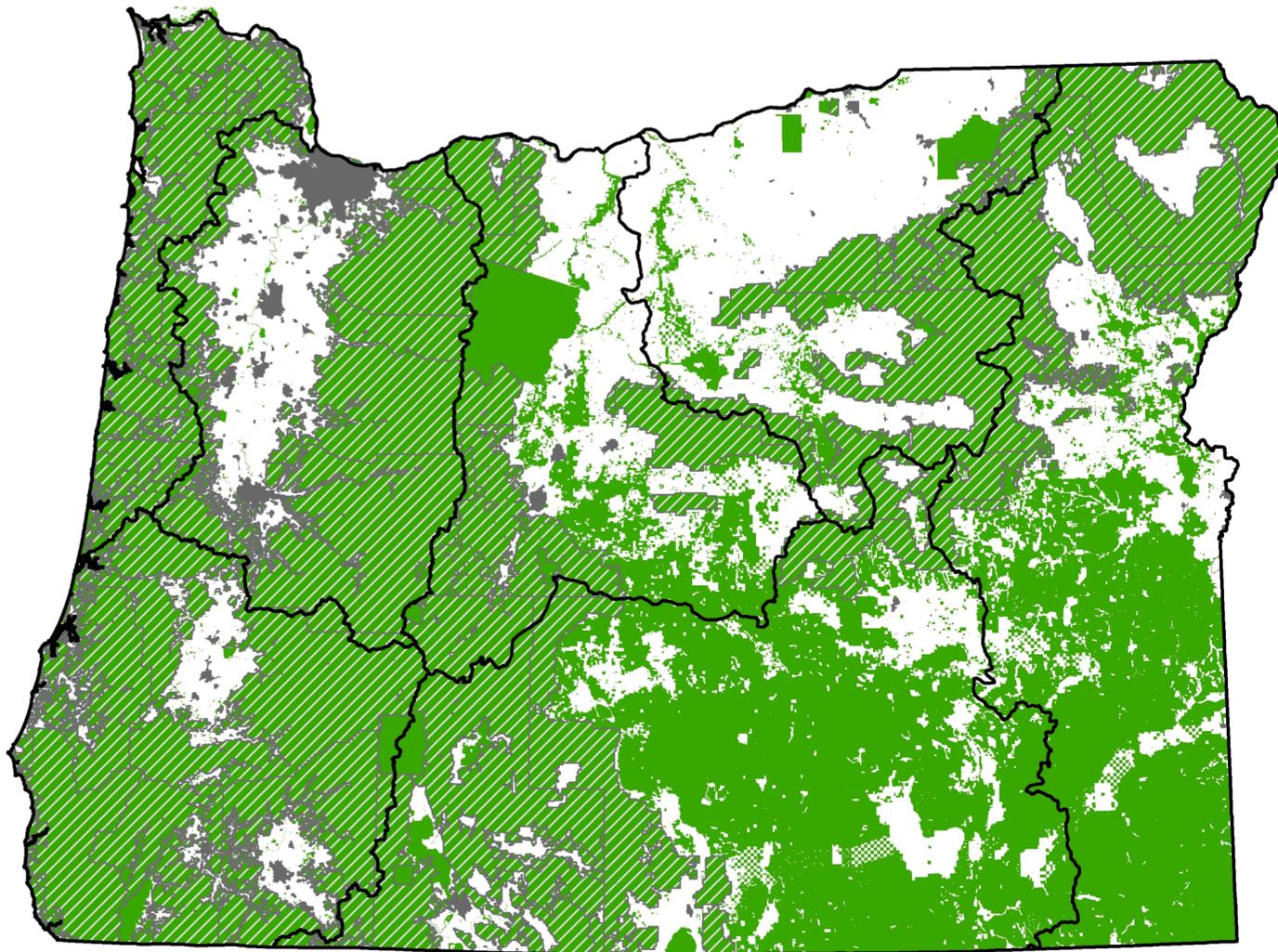
- 27 SIAs
- 56 HUCs
- 483,486 Evaluated Ag Acres
- 2,376 Evaluated Ag Stream Miles

# Strategic implementation area selection

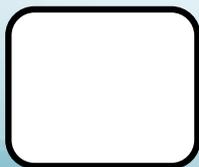
- Selection Criteria
- Private land
  - Agricultural land use
  - Surface water

- Water quality concern criteria
- Temperature
  - Bacteria
  - Nutrients
  - Sediment

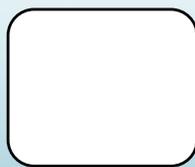
Aquatic Species



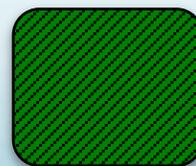
UrbanGrowthBoundary Forestry Zones Not Private Land



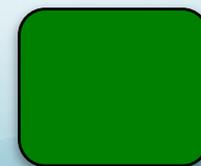
Ag Land



Urban



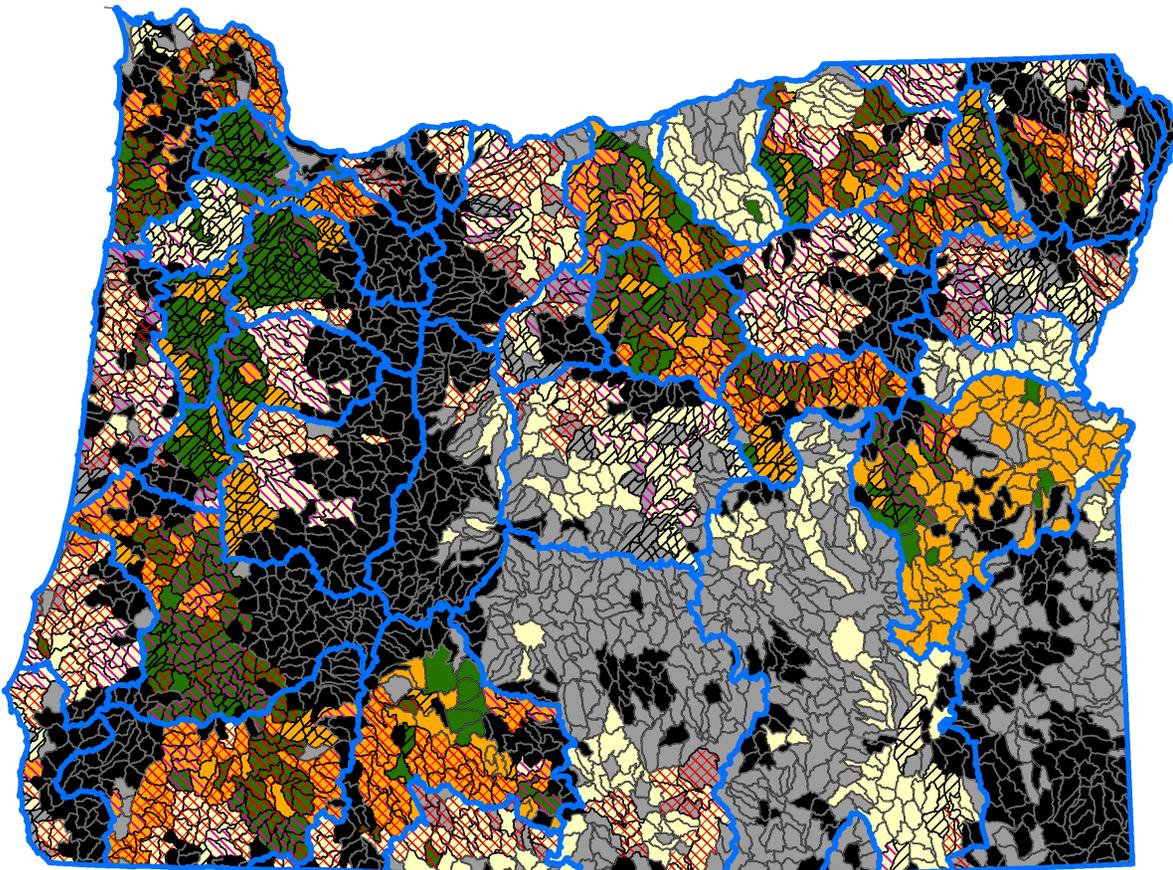
Forestry Zone



Not Private Lands



## 2019 SIA HUC PRIORITIZATION



Score based on stream feet or acres per category divided by the total stream feet or acres in agricultural use, multiplied by the scoring factor :**10 for water quality** and **5 for aquatic species of concern**.

### Water Quality: 303(d) List or TMDL

Temperature	10
Bacteria	10
Nutrients	10
Sediment	10
Possible WQ Score	40

### ODFW Native Fish Priorities

Highest Priority	15
2nd Highest Priority	10
Lowest Priority	5
Possible Score	15

No ODFW Score
  Lowest
  2nd Highest
  Highest

High
  Low
  Medium
  No Ag WQ Score
  No Ag
  Management Areas



## ALIGNING WITH LOCAL, STATE, AND FEDERAL PARTNER PROGRAMS AND PRIORITIES

- **Drinking Water Source Protection Areas**
- **Groundwater Management Areas**
- **Pesticide Stewardship Partnerships**
- **DEQ Long-Term Ambient Water Quality Monitoring Locations**
- **Current Focus Area**
- **Partner Initiatives, Programs, and Priorities**
  - **Align resources with Local Programs, Natural Resources Conservation Service, Oregon Watershed Enhancement Board, Oregon and Department of Environmental Quality etc.**



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