



# Linking scales and interests with sage-grouse mitigation

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# Sage-Grouse 101

- Fall 2016 listing decision
- Very sensitive to human development
- Wide distribution
- Landscape-scale drivers







# Sage-grouse in Oregon

## Primary threats:

- Too much fire (annual grasses)
- Too little fire (conifer expansion)

## Secondary but significant:

- Energy and other development
- Grazing practices
- Agricultural conversion



# What is regulation good for?



vs.



# Oregon's Approach

## Statewide Action Plan

- Landowner agreements
- Increased public investment
- Development threshold
- Coordinated mitigation
- State governance board
- Spatial decision support

“All Lands All Hands”





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# Mitigation programs that recover species





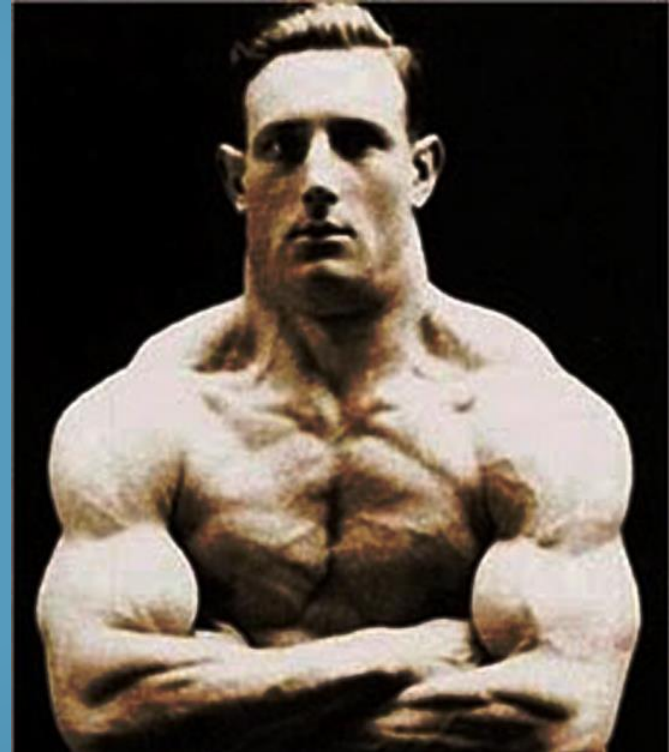
# Mitigation programs that recover species

- Strength
- Endurance
- Flexibility



# Strength

- Policy driver
- Mitigation hierarchy
- Function-based accounting
- Additionality
  - Legal
  - Financial
  - Programmatic





# Endurance

- Clear recovery goals
- Net benefit standard
- Durability
  - Legal
  - Financial
  - Management



# Flexibility

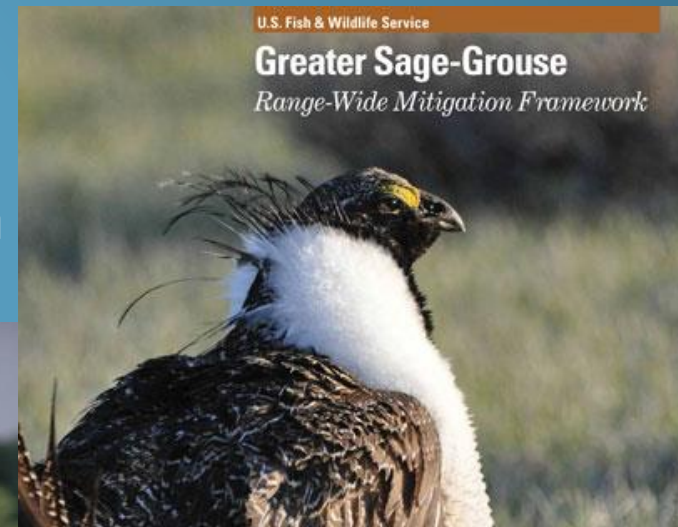
- Policies set standards, programs meet them
- Nested governance
  - Localize decisions
  - Regionalize tools and information





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- Policies set standards, programs meet them
- Nested governance
  - Localize decisions
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# Mitigation as one piece of a recovery puzzle



- Multiple tools to drive and target investment
- Integrative governance structures
- Landscape-scale decision support





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