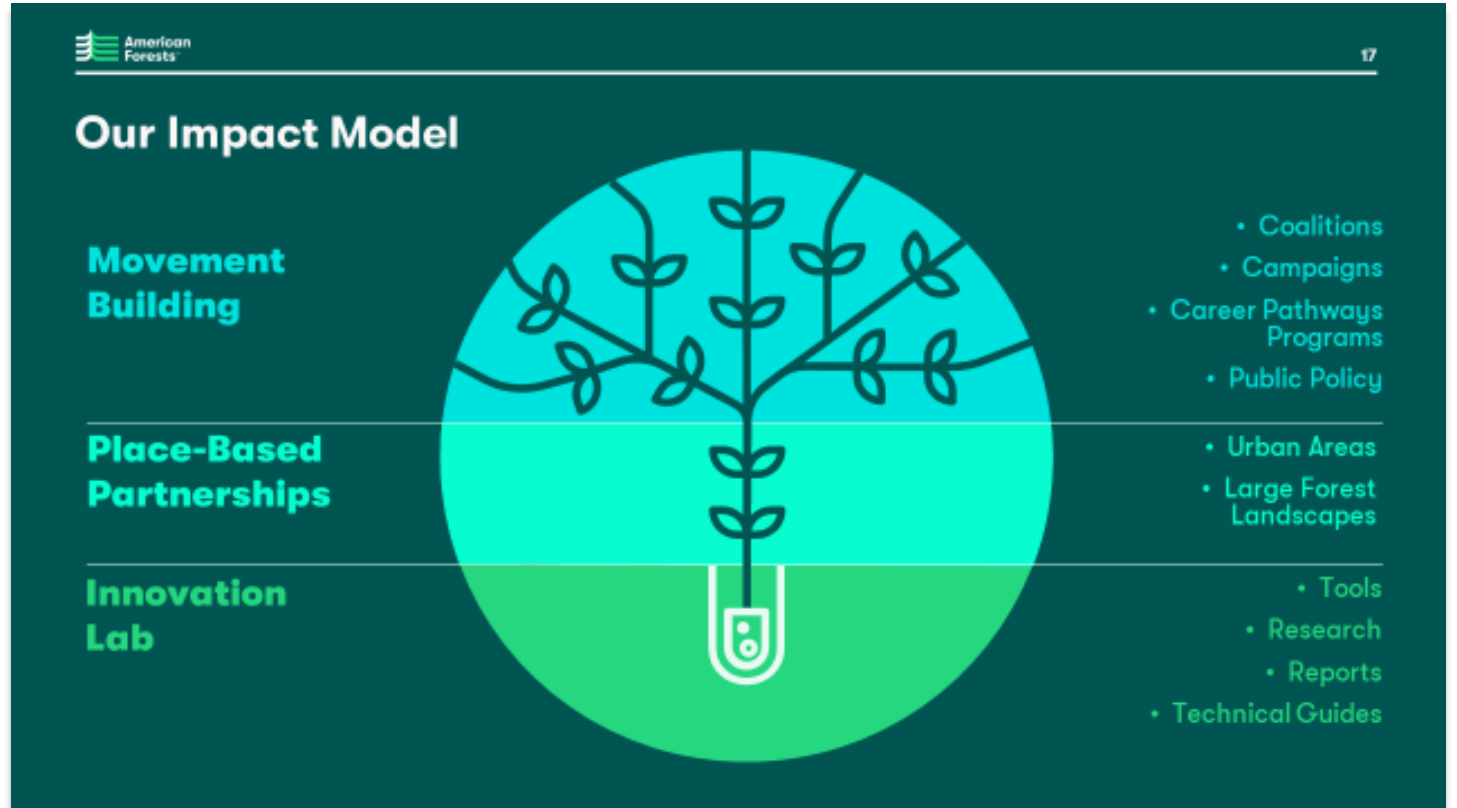


Inflation Reduction Act and Bipartisan Infrastructure Investment and Jobs Act

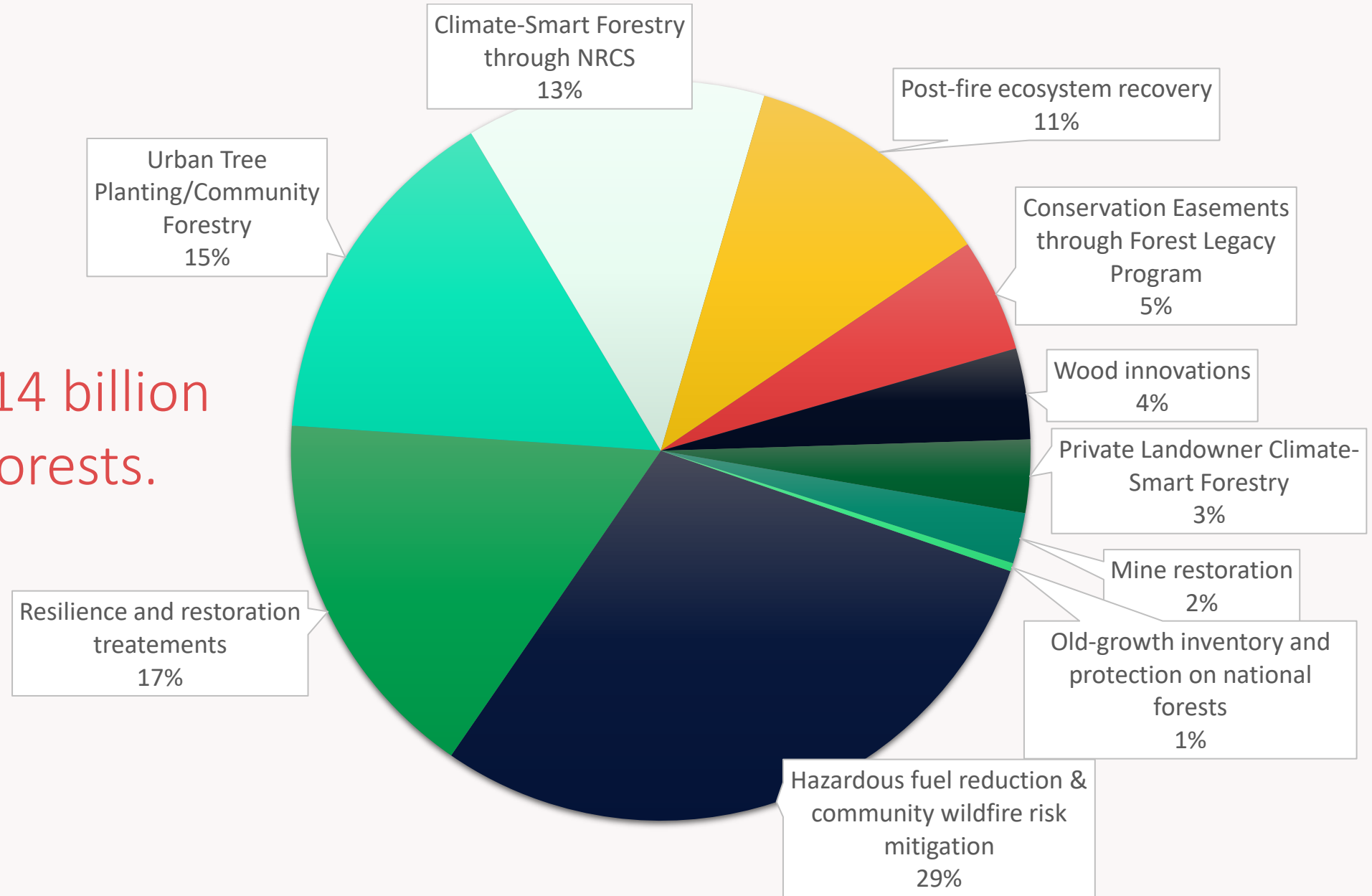
Oregon Board of Forestry
September 07, 2022

What We Contribute:

- Science and Data
- Field Staff Capacity
- Private Match Funding
- Coalition Building
- Advocacy for Agency Needs
- Communications



IJA + IRA = +\$14 billion
for America's forests.



Summary of IIJA and IRA Forest Funding by Category

Category	Recipient	Applicable Funds for 2022-2031
Climate-Smart Forestry through NRCS	USDA NRCS	\$1,845,000,000
Private Landowner Climate-Smart Forestry	USDA Forest Service	\$450,000,000
Urban Tree Planting/Community Forestry	FHWA, EPA, USDOT, USDA Forest Service	\$2,163,467,500
Forest Legacy Program	USDA Forest Service and States	\$700,000,000
Wood innovations	USDA & USDA Forest Service	\$560,000,000
Post-fire reforestation and ecosystem recovery	USDA Forest Service & DOI agencies	\$1,558,000,000
Resilience and restoration treatments	USDA Forest Service; DOI agencies; Tribes	\$2,324,250,000
Hazardous fuel reduction & community wildfire risk mitigation	USDA Forest Service; DOI agencies; Tribes	\$4,132,000,000
Old-growth inventory and protection on national forests	USDA Forest Service	\$50,000,000
Mine restoration	DOI	\$312,930,000

Hazardous fuel reduction & community wildfire risk mitigation

Act	Recipient	Purpose	Applicable Funds for 2022-2031
IRA	USFS	hazardous fuels reduction projects on National Forest System land within the wildland-urban interface	\$1,800,000,000
IIJA	USFS	hazardous fuels management activities	\$454,000,000
	USFS	fuels management activities	\$178,000,000
	USFS	grants to at-risk communities for wildfire mitigation activities	\$500,000,000
	USDA	community wildfire defense grants to at-risk communities	\$500,000,000
	DOI, USDA	developing or improving potential control locations, including installing fuelbreaks, with a focus on shaded fuelbreaks when ecologically appropriate	\$500,000,000
	DOI, USDA	contracting or employing crews of laborers to modify and remove flammable vegetation on Federal land and for using materials from treatments, to the extent practicable, to produce biochar and other innovative wood products	\$200,000,000

Resilience and Restoration Treatments

Act	Recipient	Purpose	Applicable Funds for 2022-2031
IRA	FWS	rebuilding and restoring units of the National Wildlife Refuge System and State wildlife management areas	\$24,250,000
	NPS, BLM	to carry out projects for the conservation, protection, and resiliency of lands and resources	\$50,000,000
	NPS, BLM	to carry out conservation, ecosystem and habitat restoration projects	\$50,000,000
	USFS	vegetation management projects on National Forest System land	\$200,000,000
IIJA	USDA	Collaborative Forest Landscape Restoration Program	\$100,000,000
	DOI, USDA	conducting mechanical thinning and timber harvesting in an ecologically appropriate manner that maximizes the retention of large trees.	\$500,000,000
	DOI, USDA	conducting prescribed fires and related activities	\$500,000,000
	USDA	contracts, including stewardship contracts or agreements, to restore ecological health on not fewer than 10,000 acres of Federal land, including Indian forest land or rangeland	\$300,000,000
	USDA	implementing restoration projects on Federal land pursuant to good neighbor agreements	\$200,000,000
	DOI	implementing voluntary ecosystem restoration projects on private or public land	\$400,000,000

Climate-smart forestry

Act	Recipient	Purpose	Applicable Funds for 2022-2031
IRA	NRCS	EQIP – assumed portion for forestry	\$845,000,000
		CSP – assumed portion for forestry	\$325,000,000
		RCPP – assumed portion for forestry	\$675,000,000
	USFS State & Private Forestry	cost-share for climate mitigation or forest resilience practices with underserved forest owners	\$150,000,000
		grants for underserved forest owners in emerging private markets for climate mitigation or forest resilience	\$150,000,000
		grants for forest owners who own <2,500 acres of forest in emerging private markets for climate mitigation or forest resilience	\$100,000,000
		grants to states and other eligible entities to provide payments to owners of private forest land for implementation of forestry practices that provide measurable increases in carbon sequestration and storage beyond customary practices on comparable land	\$50,000,000

Post-fire Reforestation and Ecosystem Recovery

Act	Recipient	Purpose	Applicable Funds for 2022-2031
IIJA	USFS	REPLANT Act: removes the current \$30M per year cap on the Reforestation Trust Fund	\$708,000,000
	DOI	burned area rehabilitation	\$225,000,000
	DOI, USDA	establish and implement a national revegetation effort on Federal and non-Federal land, including to implement the National Seed Strategy for Rehabilitation and Restoration	\$200,000,000
	DOI, USDA	post-fire restoration activities that are implemented not later than 3 years after the date that a wildland fire is contained	\$200,000,000
	USFS	burned area recovery	\$225,000,000

Specific Opportunities for Oregon

1. Advance climate change mitigation and adaptation strategies across the forest sector—cities, rural communities, landscapes, mills.
2. Synch IJA & IRA investments to framework documents, such as, Oregon’s 20-year landscape resilience strategy; ODF’s Climate Change and Carbon Plan; etc.
3. Evolve forest governance to take advantage of funding opportunities through continued and strengthened collaborations.
4. Leverage state and private resources to grow capacity to best take advantage of these historic federal investments.

Stages for Implementing Forest Carbon Plans and Policies

Insert, Integrate, Innovate

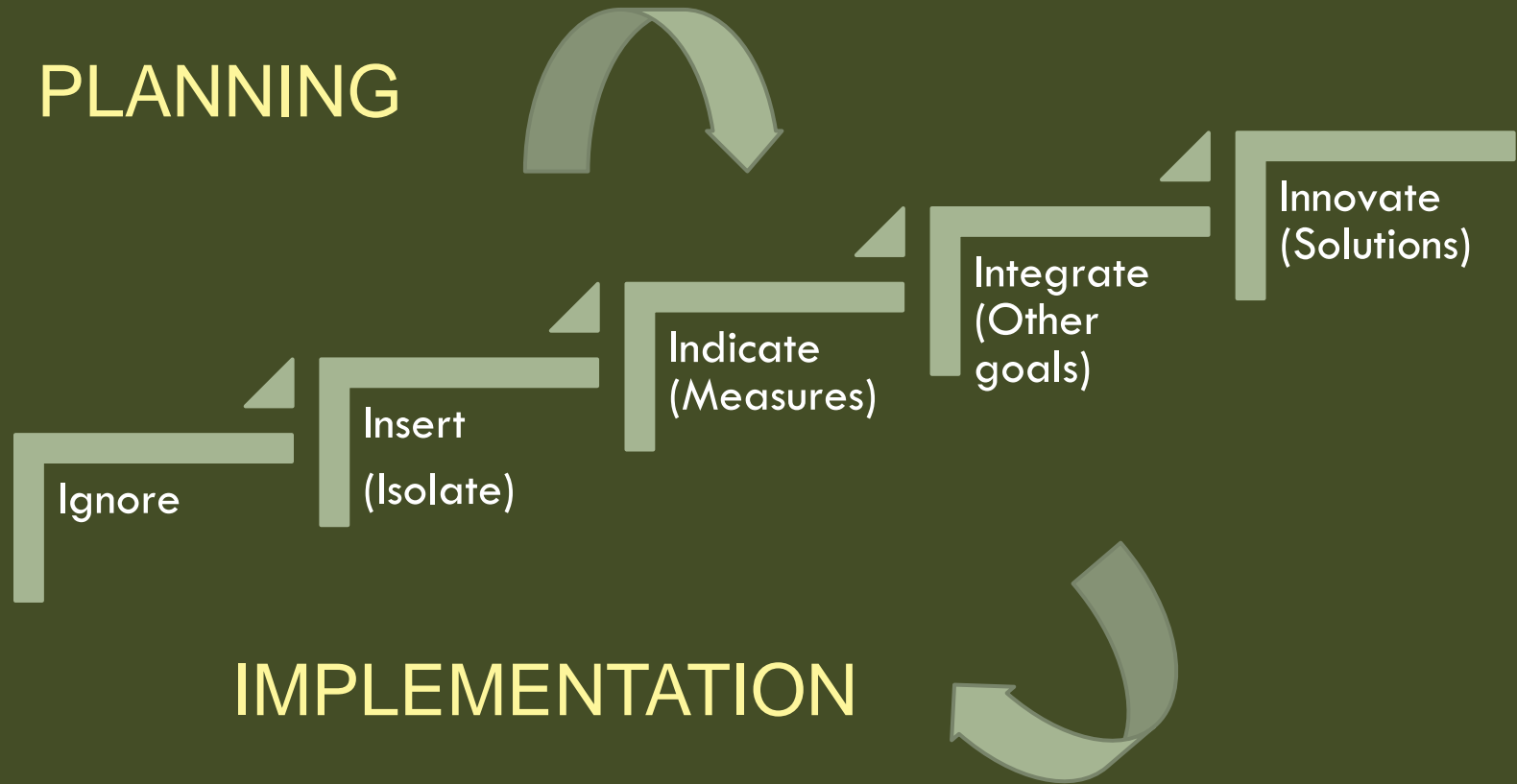
Dave Cleaves

**Oregon Board of Forestry Meeting
September 7, 2022**



Integrating Carbon in Plan Implementation

Oregon is already at the advanced levels !!!



Climate Change

Resilience



Net Carbon Removal



Adaptation

- Goal Integration
- Strategies
- Practices

Mitigation

Resilience Goals

- To what?
- Of what (system)
- For what? (values)
- When?

Mitigation Goals

- Purpose?
- How much?
- Scale?
- Time -Table?
- Co-Benefits?

Integrating Mitigation and Adaptation Using NIAC's Strategy Menu

FOREST STRATEGY

1. Maintain extent
2. Sustain eco functions
3. Reduce carbon losses
4. Enhance recovery
5. Prioritize locations
6. Maintain stocks
7. Enhance sequestration capacity

MITIGATION GOALS

Protect carbon stocks

Accelerate uptake & reduce risks

Restart uptake process

ADAPTATION GOALS

Resist stressors

Build resilience

Guide transformation

Ontl, T.A., Swanston, C.W., Janowiak, M.K., Daley, J. A practitioner's menu of adaptation strategies and approaches for forest carbon management.

<https://forestadaptation.org/learn/resource-finder/forest-carbon-menu-adaptation-and-mitigation-strategies-and-approaches>



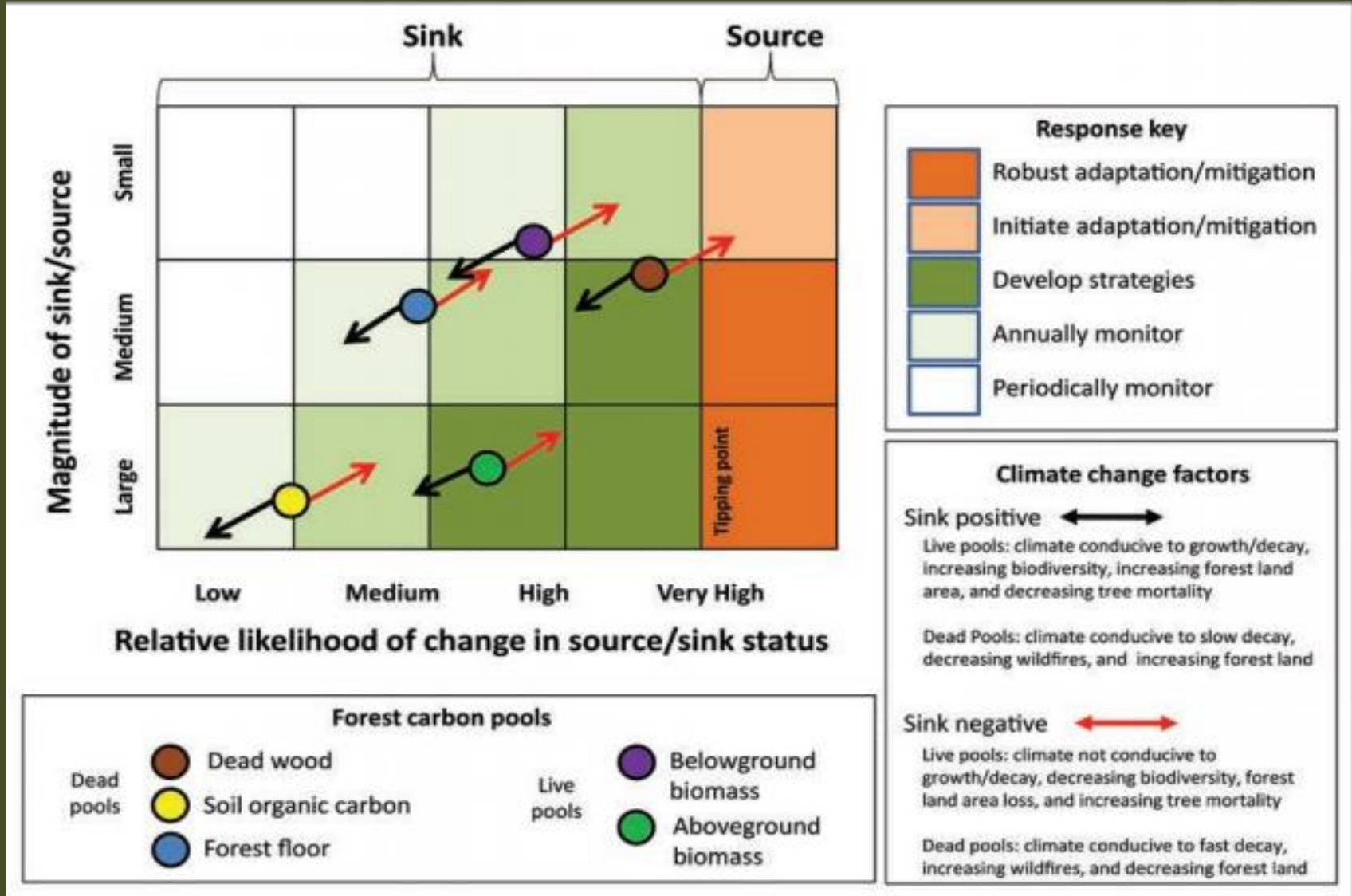
Value Attributes for Forest Carbon



How we value determines what we measure and how and where we implement.

- **Pollution removal service? Net carbon sequestration**
- **Storage service? Carbon stocks**
- **Offset to unmet GHG reduction goals? % of GHG emissions offset by LULUCF sector?**
- **Stability for BAU baselines? Volatility and long-term trends?**
- **Medium for other ecosystem service values, so-called co-benefits?**
- **Vital sign for ecosystem health and sustainability? Risk profiles across carbon pools?**

Risk-Based Approach to Assessing Forest Carbon



What does implementation capacity look like? Beyond dollars and positions....

- **Narrative – clear, coherent, cohesive, compelling**
- **Resources – federal/state/private leveraging**
- **Leadership – seated in leader intent and development**
- **Processes, structures, tools, and craftsmanship – creating, managing, applying knowledge**
- **Supporters and change agents**

New Resources

<p>Supporting Actions ODF Climate Change and Carbon Plan</p>	<p>Infrastructure Investment and Jobs Act (IIJA) (Bipartisan Infrastructure Law) (BIL) PL117-58(2022)</p>	<p>Inflation Reduction Act (IRA) HR 5376 Signed into law – August 16,2022</p>
<p>Climate-Smart Forestry Incentives on Private Forestlands</p> <ul style="list-style-type: none"> • Identify and describe climate-informed practices • Provide financial incentives for practice adoption • Develop recognition programs for exemplary practice 	<ul style="list-style-type: none"> • <u>All-lands revegetation</u>, including mined lands (FS/DOI) • <u>National seed strategy</u> (FS) • <u>State Forest Action Plan priorities</u> (FS) • <u>Forest health and invasives</u> for cooperative lands (FS) • <u>Burned Area rehab and restoration</u> (FS/DOI) • <u>Fuels management</u> (FS/DOI) 	<p><u>Conservation Practices (NRCS)</u></p> <ul style="list-style-type: none"> • EQIP, CSP, ACEP, RCPP • Conservation Technical Assist <p><u>Assistance for Underserved Owners (USDA)</u> – Capacity, financial, equity commissions, research and extension</p> <p><u>Competitive Grants for non-federal owners (FS)</u></p> <ul style="list-style-type: none"> • Mitigation and resilient practices – underserved and <2500 –acre owners • Practices to improve carbon sequestration and storage • Wood use facilities to support fuels and restoration <p><u>State and Private Conservation Programs (FS)</u></p> <ul style="list-style-type: none"> • Forest Legacy Program

Thank You !



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