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ENVIRONMENTAL POLICY INNOVATION CENTER

支付成功

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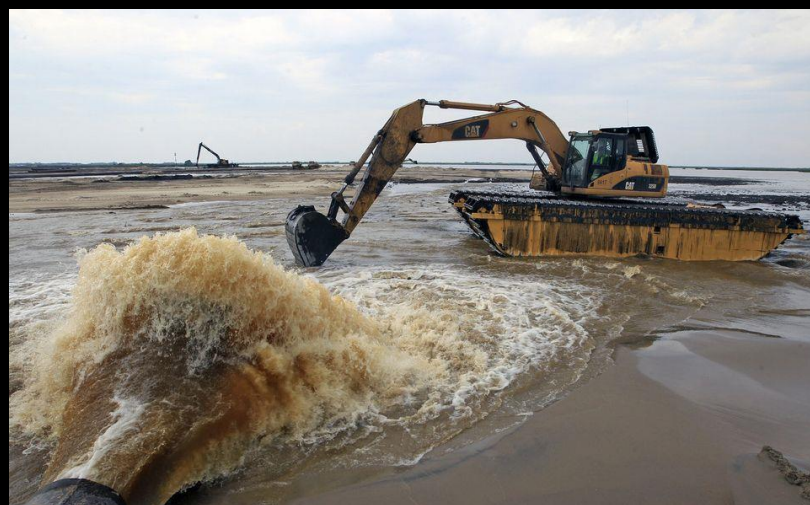
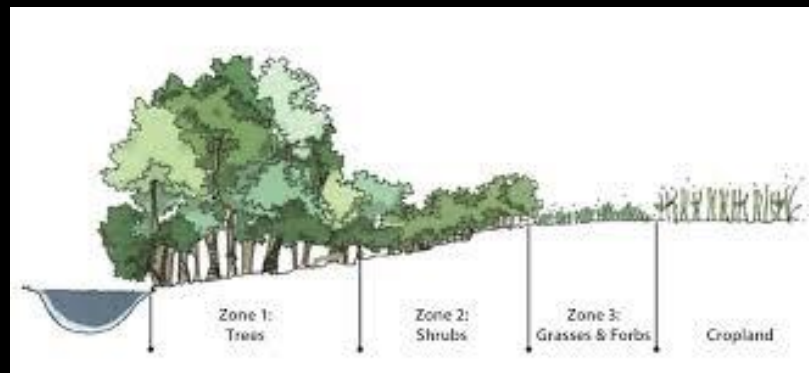
**To build policies that deliver spectacular improvement in the speed
and scale of conservation**

我们的使命是制定政策，以显着提高保护的速度和规模



[Ya Wei Li]: Biodiversity

- Using data and technology to build new policies that achieve faster wildlife restoration;
 - Developing offsets to mitigate wildlife impacts of chemical use on farmland
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- National policies to produce large-scale innovative contracts for ecological outcomes
 - Initiatives to enhance drinking water supplies and stormwater management through private finance and performance contracting



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支付成功的承包

Pay for Success contracting



Investors with social and environmental goals invest in specialized restoration companies



Gov't Request for Proposals defines outcomes that trigger payments



Winning company or its subcontractors find, plan and complete restoration



Gov't verifies environmental and social outcomes from projects

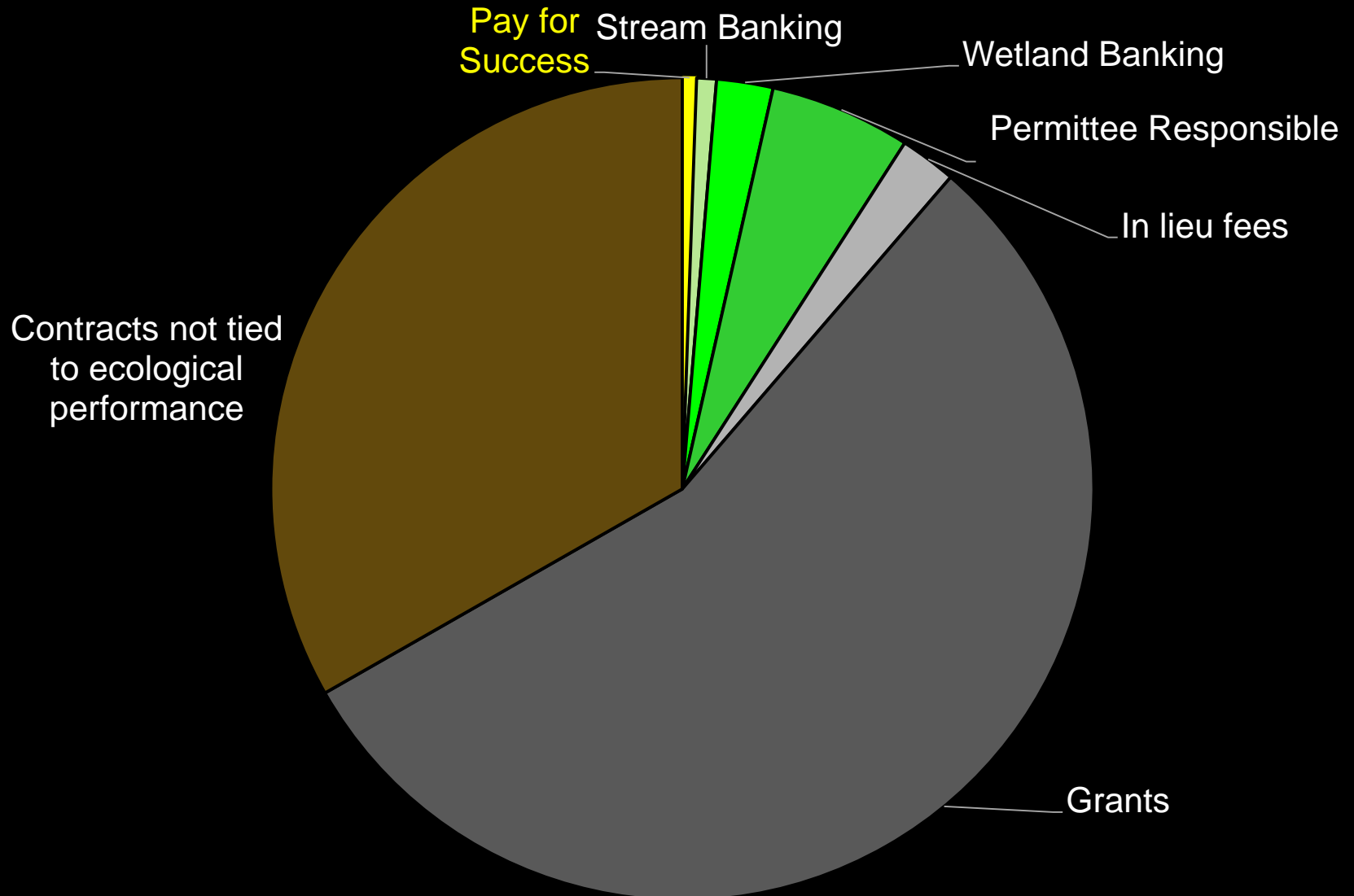


Gov't pays contractor agreed upon rates for verified outcomes



Private restoration company pays back its investors

How is ~\$8 billion put under contract?





THE KLAMATH: MAP OF A THREATENED RIVER



Dip net fishing in the early 1900s



The Karuk dip net fishery at Ishi Pishi Falls is one of the last surviving traditional fisheries in America.



Salmon cooked traditionally over a fire pit.



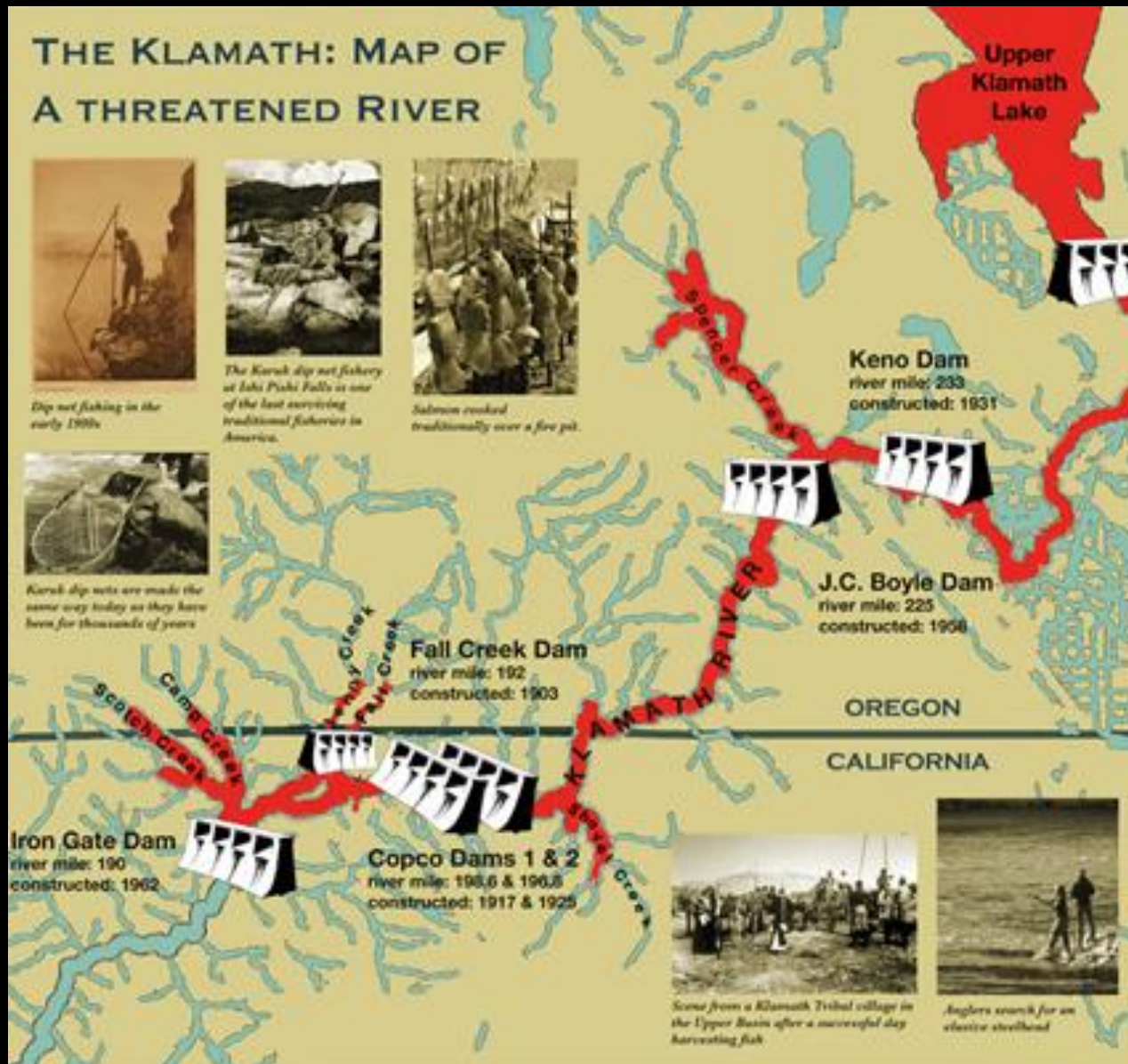
Karuk dip nets are made the same way today as they have been for thousands of years








Early European settlers present a trophy sized salmon fished out of the Upper Basin at the turn of the last century



European settlers brought a new culture that also grew to depend on a healthy Klamath fishery



DAMMED TO EXTINCTION

-  Unreachable fish spawning areas
-  Steelhead trout likely displayed the most widespread distribution in the Upper Klamath Basin of all the salmonids. Today, trophy sized redband trout still reside in the Upper Basin, evidence that steelhead could once again thrive there.
-  Coho salmon once spawned in the tributaries of the Upper Klamath Basin.
-  Chinook salmon once spawned in the main stem and tributaries of the Upper Klamath Basin.
-  Extinct salmon runs - Spring run chinook were once the most abundant type of salmon in the Klamath. Today they are extinct in the project area and nearly gone from the entire river system.



Scene from a Klamath Tribal village in the Upper Basin after a successful day harvesting fish



Anglers search for an elusive steelhead

Necessary conditions

- Have a clear outcome you are willing to pay for
- Restoration is inexpensive or contractor has the ability to pay until outcome is achieved
- Government is able to hold money in a contract until the environmental objective is achieved (3-10 years)
- Government agency is willing to give up a little bit of control and let another pick sites and types of projects to create efficiency
- Contracts are trusted instruments for partnership
- A party which doesn't have strong conflicts of interest is available to measure results

Benefits for national government

- The ability to buy ecological outcomes as a good, in large quantities
- Over time, the ability to purchase higher quality products
- Minimizes conflicts of interest for staff
- Gives state or local government more reward (and incentives) for successful work
- If there are cost efficiencies or additional project benefits (i.e. jobs, recreation, carbon sequestration) it allows the government to maximize delivery
- Expansion of a restoration economy, which becomes a partner and an advocate for federal or state ecological restoration programs
- Speed of delivery

关键点

Key lessons

- 不要过于追求完美、准确的结果和指标 – 找到测量价格便宜且可以学习的指标
 - Don't obsess over perfect, accurate outcomes and indicators – find ones that are cheap to measure and that you can learn from
- 政府不需要选择地点 – 如果你设定了正确的目标，你就会获得正确的项目
 - Government doesn't need to pick locations – if you set the goals right, you get the right projects
- 尽量确保90%的预算用于土地所有者或承包商，并且管理和监督成本很小
 - Try to make sure that 90% of the budget goes to the landholder or contractor and that administration and monitoring costs are small
- 确保触发付款的指标测量由非政府或第三方完成
 - Make sure that measurement of indicators that trigger payments is done by unconflicted, academic or otherwise separate parties
- 指标和结果是商品，就像你购买的任何东西一样（像笔记本电脑、咖啡） – 你越用这种方式对待它们，要得到好的速度就会越来越快并且越来越常规化
 - The indicators and outcomes are commodities like anything else you buy (laptops, coffee) – the more you can treat them that way, the faster and more routine it will become to get good ones