## The Restoration Economy

Investing in natural capital for the benefit of communities and salmon





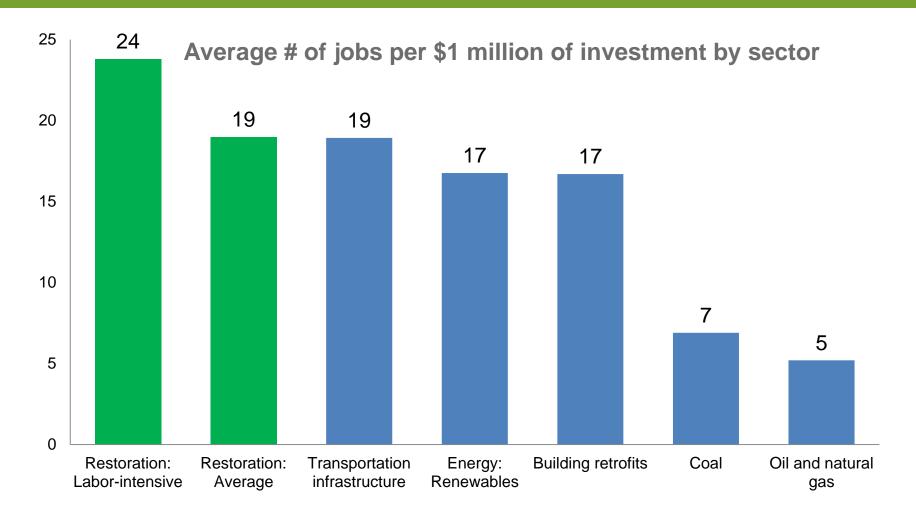
#### **Restoration Economy**



Restoration is an investment in local economies that pays out over time.

- Contributes to new and existing industries (e.g. fisheries, recreation, tourism, biomass)
- Restored ecosystem functions generate many community development benefits and savings
- Creates demand for local labor and materials
- Stimulates economic activity in unrelated sectors

#### RESTORATION CREATES JOBS



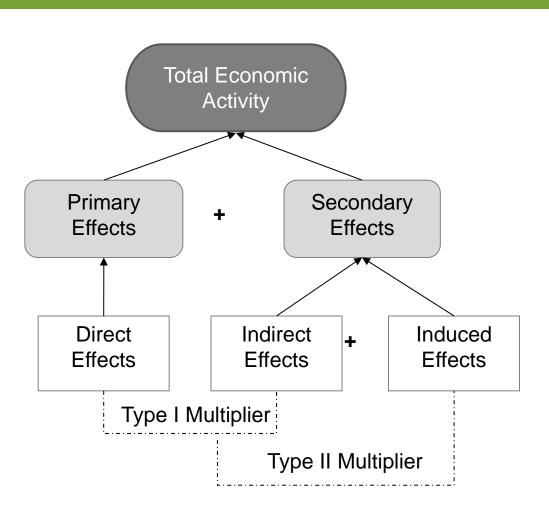


#### RESTORATION ACTIVITIES

- Activities involve varied skill sets (landscape, engineering, heavy equipment, project management, construction).
- Typically very labor intensive
- Source locally for labor and materials
- Spending on restoration activities stays local
  - \$.80 of every \$1.00 stays in county where project is located;
  - \$.90 of every \$1.00 stays in OR (Hibbard and Lurie, 2006)



# **Economic Multipliers**



Multiplier 1.5 = \$1.50 stimulated by each initial \$1

- Output
- Income
- Employment



#### OUTPUT AND EMPLOYMENT EFFECTS

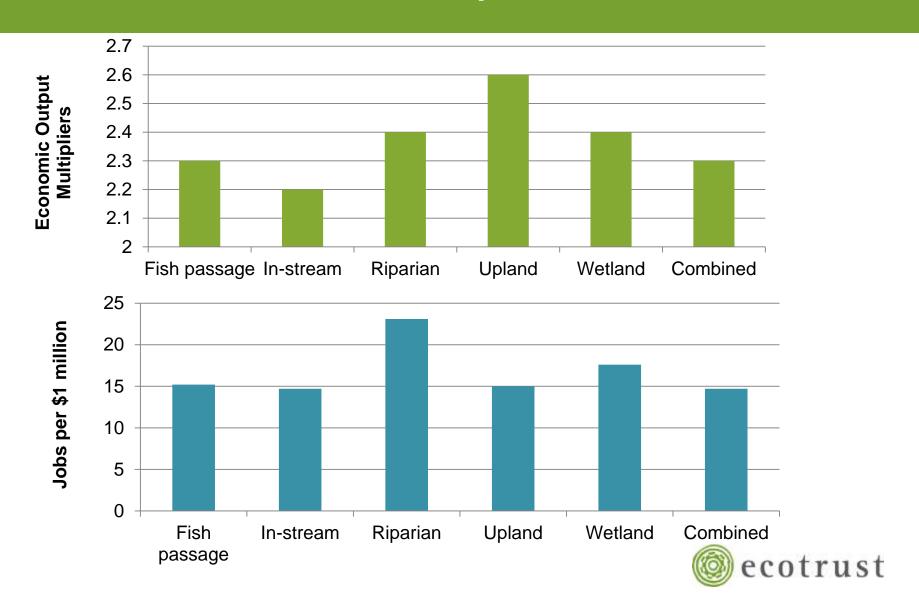
Restoration generates additional spending and economic activity in the economy as the initial dollars are spent and re-spent.

Every dollar spent on restoration generates an additional \$1.20-\$1.40 in economic activity, for a total economic impact of \$2.20-\$2.40.

This "multiplier effect" captures the direct, indirect, and induced effects of restoration spending.



# The Multipliers...



# Restoration Employment & Economic Output Estimates



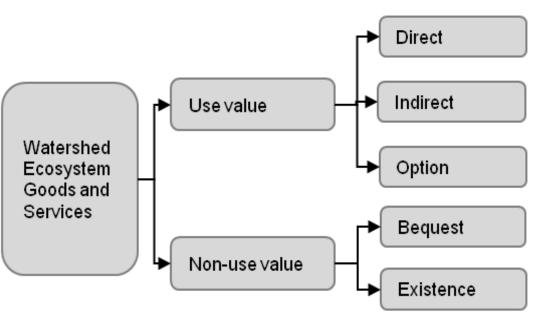
Figure 3. Oregon restoration projects by county: estimated employment and economic output, 2001–2010<sup>2</sup>



\$752.4 – \$977.5 million

An estimated **4,628–6,483 jobs** have been created or supported, and **5752.4–\$977.5 millio** in economic output generated from restoration activities in the past decade. (Map shows upper-bound estimates.)

### NON-MARKET VALUES



- e.g. Provision of resources, drinking water, timber, fish, hydroelectricity, etc.
- e.g. Recreational use, pollutant detoxification and sequestration, water purification, groundwater and surface flow regulation, erosion control, etc.
- e.g. Direct and indirect use opportunities on a later occasion, etc.
- e.g. Direct use and indirect use opportunities by future generations
- e.g. Knowledge of continued existence

