

Oregon Energy Strategy

Jobs Analysis Overview

April 16, 2025

[bw]

RESEARCH
PARTNERSHIP

BW Research Background

- I. DOE's [United States Energy and Employment Report \(USEER\)](#)
- II. [Employment Modeling](#)
 - 1. CETI's [Net-Zero Northwest](#)
 - 2. NYSERDA's [Just Transition Working Group Jobs Study](#)

Jobs Analysis



Sector Framework

Sector Framework

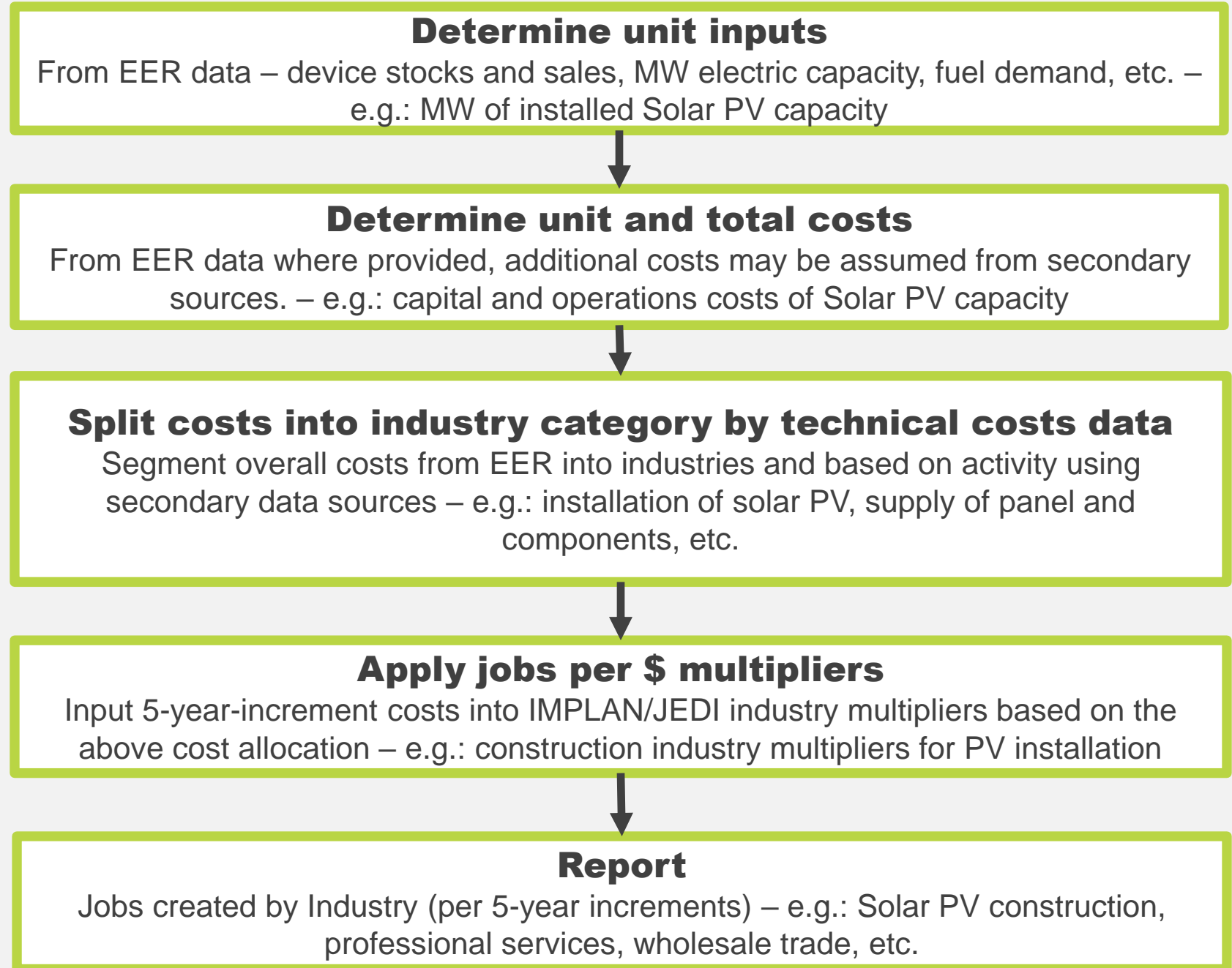
I. Energy Supply

- 1. Electricity** – Distributed and Utility Solar, Land-based Wind, Hydropower, Natural Gas, Nuclear, Other Fossil Generation, Other Renewable Generation, Transmission, Distribution, and Storage
- 2. Fuels** – Hydrogen, Biofuels, Natural Gas, Natural Gas Distribution, Other Fossil Fuels

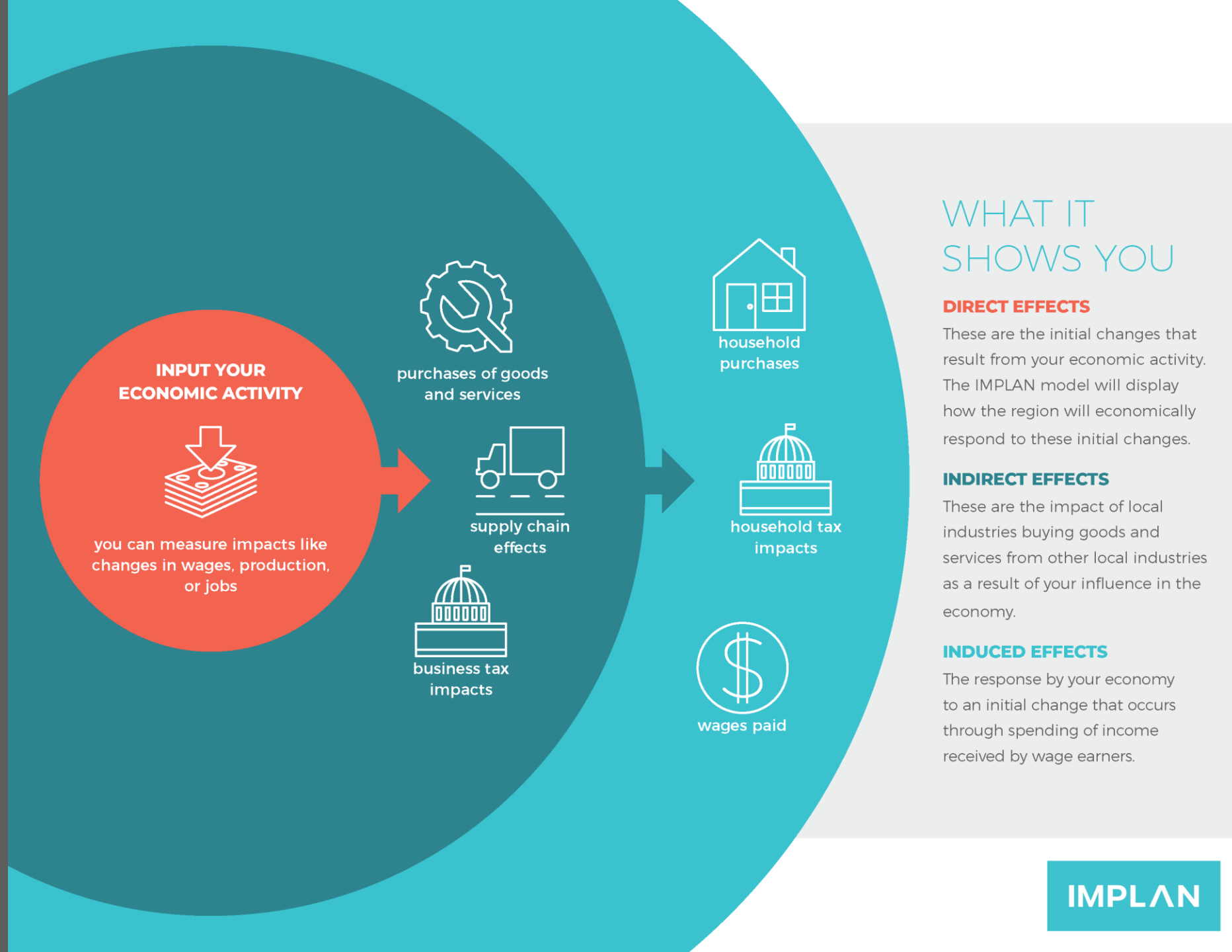
II. Energy Demand

- 1. Buildings** – Residential and Commercial HVAC, Shell, and Other
- 2. Transportation** – Vehicle Maintenance, Vehicle Manufacturing, Wholesale Trade, Fueling Stations, Charging Stations

Model Framework



Summary of Input Output Models, IMPLAN & JEDI



Model Framework

Job Numbers Include & Do Not Include

Include:

- Direct, Indirect, and Induced employment changes from the four primary sectors (Electricity, Fuels, Buildings & Transportation)
 - These four sectors represent approximately +80% of all GHG emissions.

Does not Include:

- The entire economy, this is not a general equilibrium macroeconomic model that measures all the potential changes in the economy.
 - E.g., we do not capture impacts from customer rate changes with more solar capacity