

# Oregon Solar Energy Update

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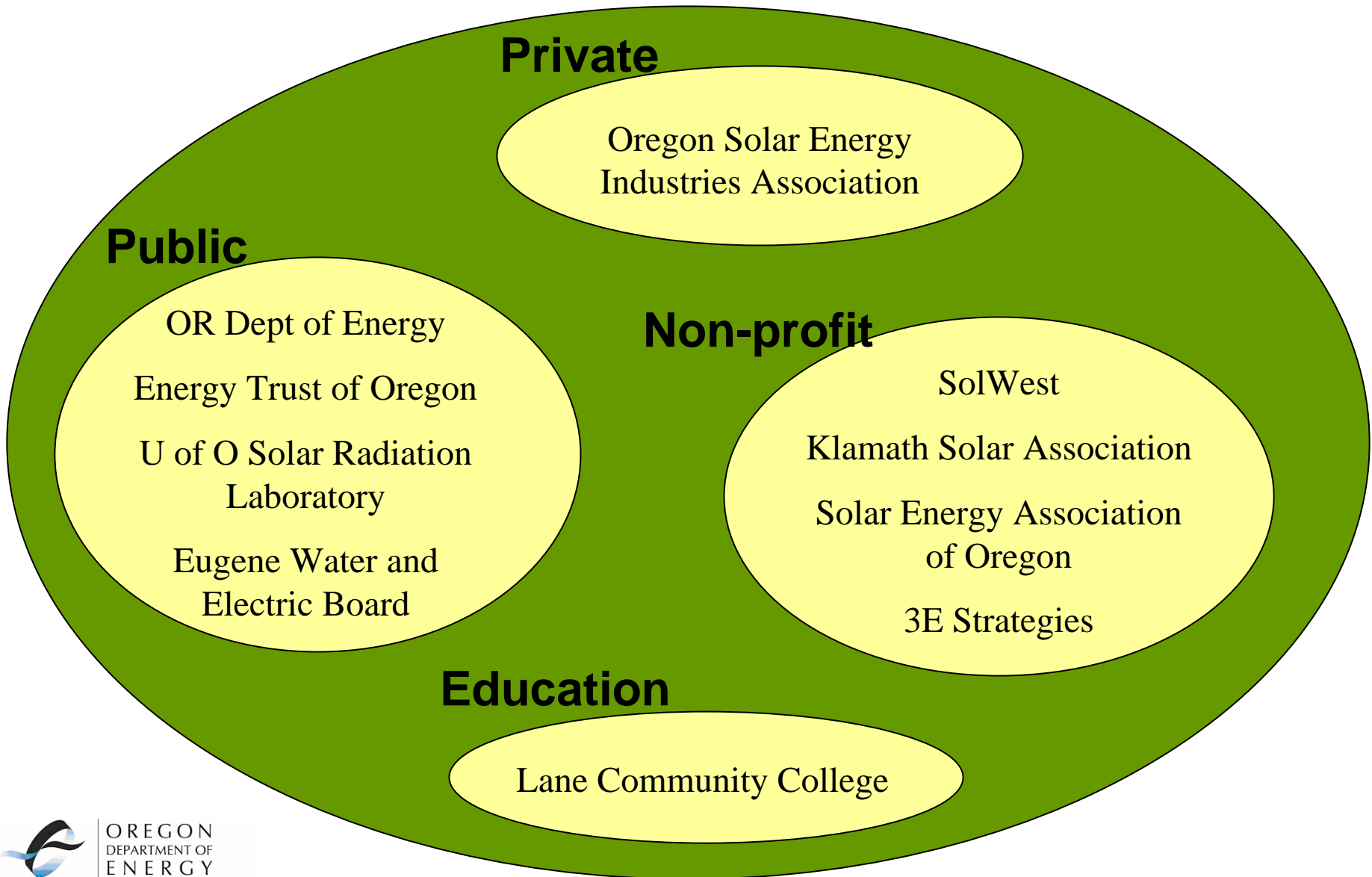
# Introductory Comments

- Solar in Oregon is doing well
- Barriers are clear, solutions are complex
- Strategies must be long term
- Local markets are essential



Christopher Dymond's Home - Salem

# OR Solar Coalition – Est. 1999



# Passive Solar & Daylighting

- Least cost solar technology
- Possible energy code credit?



Passive Solar Home in Corvallis

# Solar Water Heating

- Sales could double in 2006 and 2007
- OG-300 Certification required
- 3 companies developing products for national market
- 20+ installation companies



“SolReliant” System produced in Oregon



# Solar Electric – local

- Grid tied market has grown from about 10 during 2001 to 100 in 2005
- Oregon incentives are sufficient, but simple financing option is needed
- 25+ installation companies
- Oregon inverter company



# Solar Electric – global

- World market grew 66% in 2005
- Growth constrained by silicon availability
- Potential Oregon industry



# Consumer Education

- Solar home tours & 2 major fairs
- Green + Solar Building magazine
- \$30k of seed money leverages \$250k
- Classroom lesson plans



2003 Central Oregon Solar Tour Participant



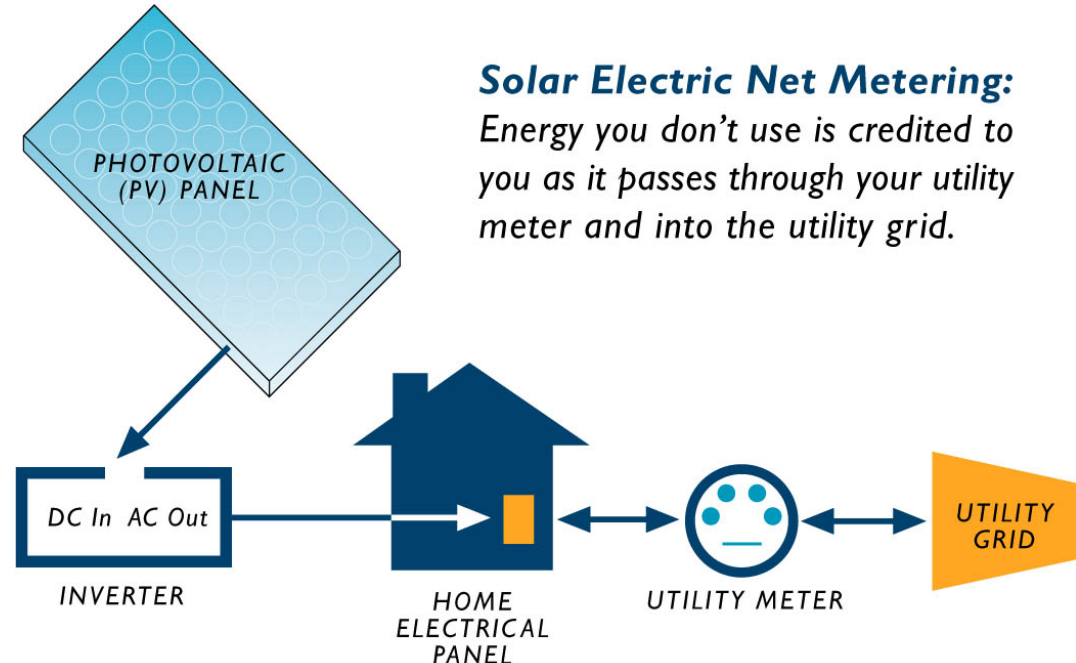
# Remove Installation Barriers

- Standardized permitting
- Standardize interconnection
- Licensing and labor clarification needed



# Net Metering Stakeholder Summit

- Annualized Net Metering
- Statewide Interconnection Agreement
- Maximum system size



# Manufacturing Workshop

- Support network
  - Higher Ed
  - Cluster of related businesses
- Financial enticement package
  - Guaranteed purchase
  - BETC support
  - Workforce Training



Solar Fabrik Module Manufacturer – Freiburg, Germany





# Summary

- Outlook
  - 40 to 60% growth
  - Potential manufacturing
- Solar Events
- Codes and Standards
- Net Metering
- Oregon Manufacturing
- Distance Learning



Thank you