

We, the people, have choices to make:

LEFT: ANNUAL renewable resources

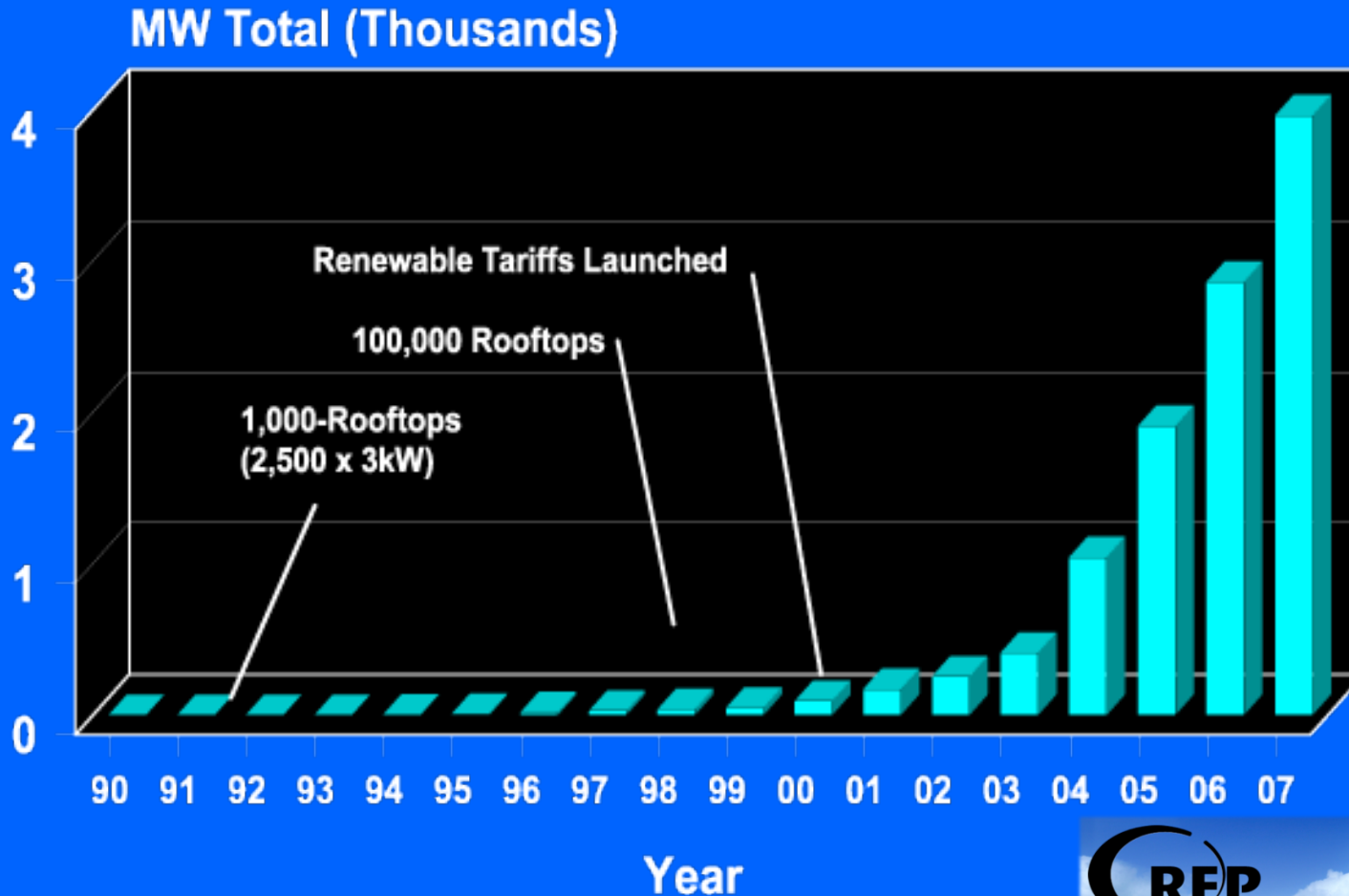
RIGHT: TOTAL remaining fossil fuels

Where should Oregon invest?

Figure 1: Comparing finite and renewable planetary energy reserves (Terawatt-years). Total recoverable reserves are shown for the finite resources. Yearly potential is shown for the renewables (source: Perez & Perez, A fundamental look at energy reserves for the planet. The IEA SHC Solar Update, Volume 50, pp. 2-3, April 2009)

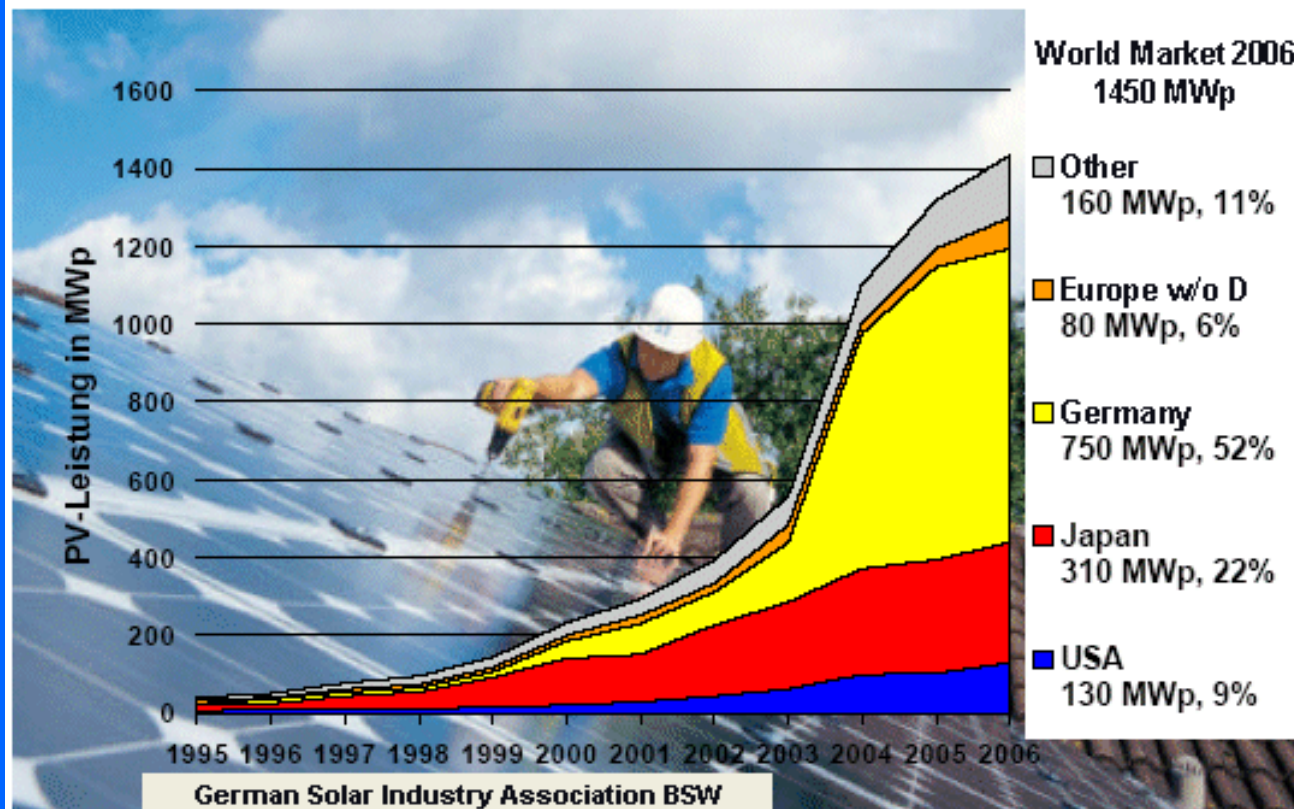


# Feed-in Tariffs and Solar PV Growth in Germany



# Feed-in Tariffs Have Made Germany the World Leader in Solar

## Global Photovoltaic Sales



54% of all solar power capacity worldwide is now located in Germany

2010 installed solar update:

Germany = 17GW  
U.S.A. = 2.1 GW

# Germany's Solar is Mostly Small and Locally Owned



Germany's boom in widespread solar installations brought the cost of solar down by 50% in 5 years.

Source: BSW Solar

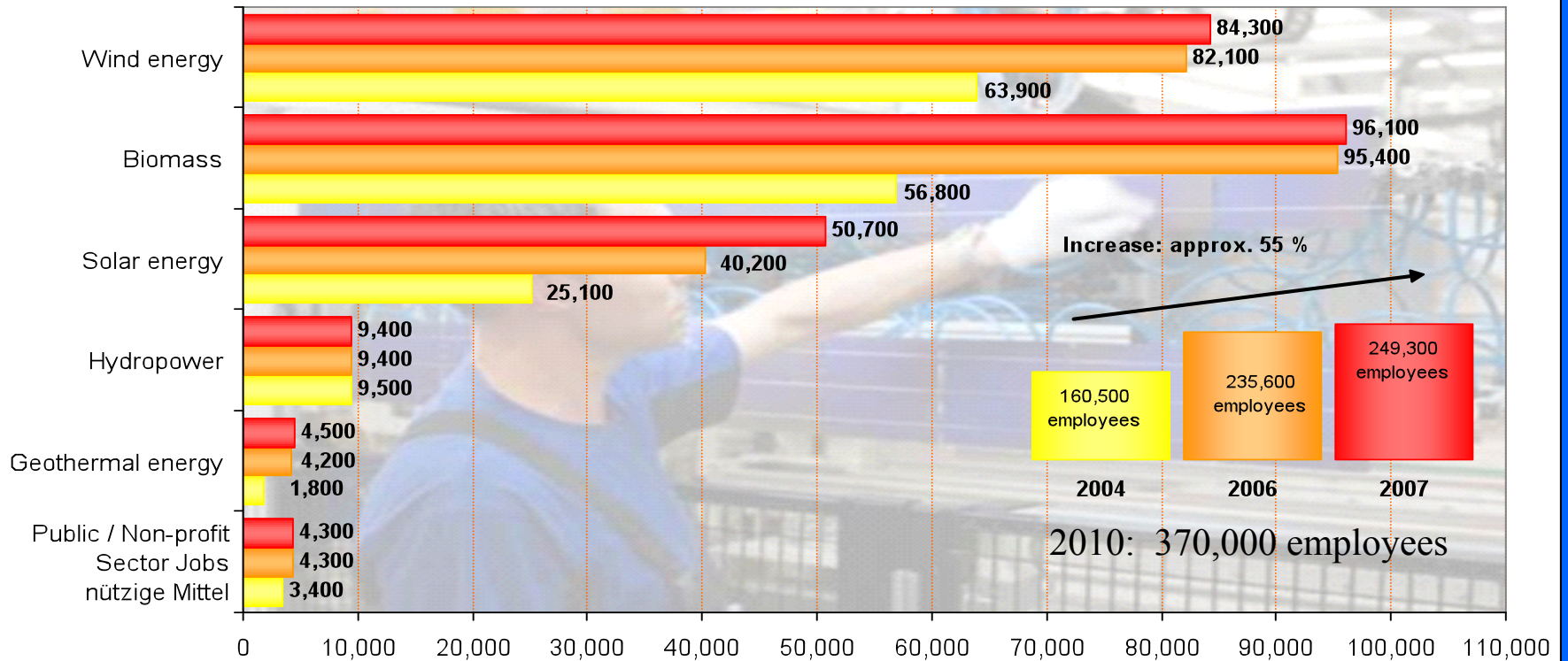


Oregonians for Renewable Energy Payments



# Growth in German RE Jobs

**Employees in the German renewable energy sector  
2004, 2006 and 2007**



Figures for 2006 and 2007 are provisional estimate

Source: BMU Projekt "Kurz- und langfristige Auswirkungen des Ausbaus der erneuerbaren Energien auf den deutschen Arbeitsmarkt", KI III 1; interim report March 2008

# Ontario Feed-In Tariff

## First Year Results

- 22,000 projects
- 5,000 MW of Renewable Energy
- 43,000 jobs
- \$9B in private investment
- close all coal plants by 2014



## Feed-In Tariff Prices for Renewable Energy Projects in Ontario; August 13, 2010

Renewable Fuel	Size tranches	Contract Price ¢/kWh	Contract Price US¢	Escalation Percentage	Maximum Aboriginal Price Adder (¢/kWh)	Maximum Community Price Adder (¢/kWh)
<b>Biomass</b>					0.6	0.4
	≤ 10 MW	13.8	14.5	20%		
	> 10 MW	13.0	13.7	20%		
<b>Biogas</b>					0.6	0.4
On-Farm	≤ 100 kW	19.5	20.5	20%		
On-Farm	> 100 kW ≤ 250kW	18.5	19.4	20%		
Biogas	≤ 500 kW	16.0	16.8	20%		
Biogas	> 500kW ≤ 10 MW	14.7	15.4	20%		
Biogas	> 10 MW	10.4	10.9	20%		
<b>Waterpower</b>					0.9	0.6
	≤ 10 MW	13.1	13.8	20%		
	> 10 MW ≤ 50 MW	12.2	12.8	20%		
<b>Landfill gas</b>					0.6	0.4
	≤ 10 MW	11.1	11.7	20%		
	> 10 MW	10.3	10.8	20%		
<b>Solar PV</b>					1.5	1.0
Rooftop	≤ 10 kW	80.2	84.2	0%	NA	NA
Rooftop	> 10 ≤ 250 kW	71.3	74.9	0%	NA	NA
Rooftop	> 250 ≤ 500 kW	63.5	66.7	0%	NA	NA
Rooftop	> 500 kW	53.9	56.6	0%	NA	NA
Ground Mounted	≤ 10 kW	64.2	67.4	0%		
Ground Mounted	> 10 kW ≤ 10 MW	44.3	46.5	0%		
<b>Wind</b>					1.5	1.0
Onshore	Any Size	13.5	10.8	20%		
Offshore	Any Size	19.0	10.8	20%		

# How do we get a FIT in Oregon?

We pass a law that requires your electric utility to offer you a renewable energy contract to:

- connect you to the grid
- buy all the renewable energy you produce
- pay a predetermined, fixed price for a specific length of time
- the price must cover your costs and provide a reasonable profit





# What Can You Do?

- A. Tell friends, neighbors, and elected officials about the solution - a Feed-in-Tariff law
- B. Sign up with OREP to stay informed
- C. Ask your organization to join the Alliance to help create the right FIT for Oregon (our next joint action will be input to Governor Kitzhaber's 10-year energy plan)
- D. What else?

