

Re-Power Florida Virtual Conference

SOLAR ENERGY



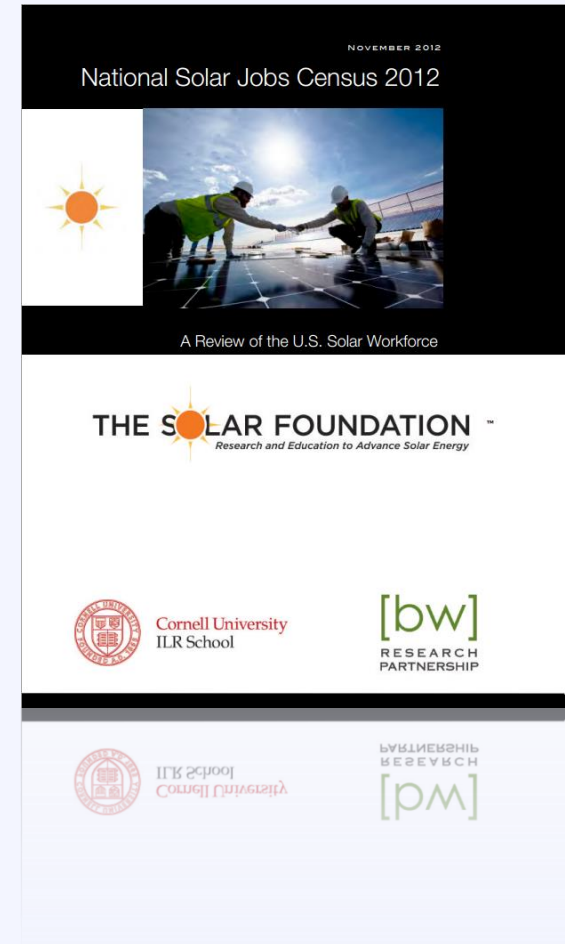
THE SOLAR FOUNDATION
Research and Education to Advance Solar Energy

About The Solar Foundation

Founded in 1977 and based in Washington, DC, The Solar Foundation is an independent nonprofit working to demonstrate the global benefits of solar energy through research and education.

National Solar Jobs Census & SunShot Solar Outreach Partnership Resources:

<http://www.thesolarfoundation.org>

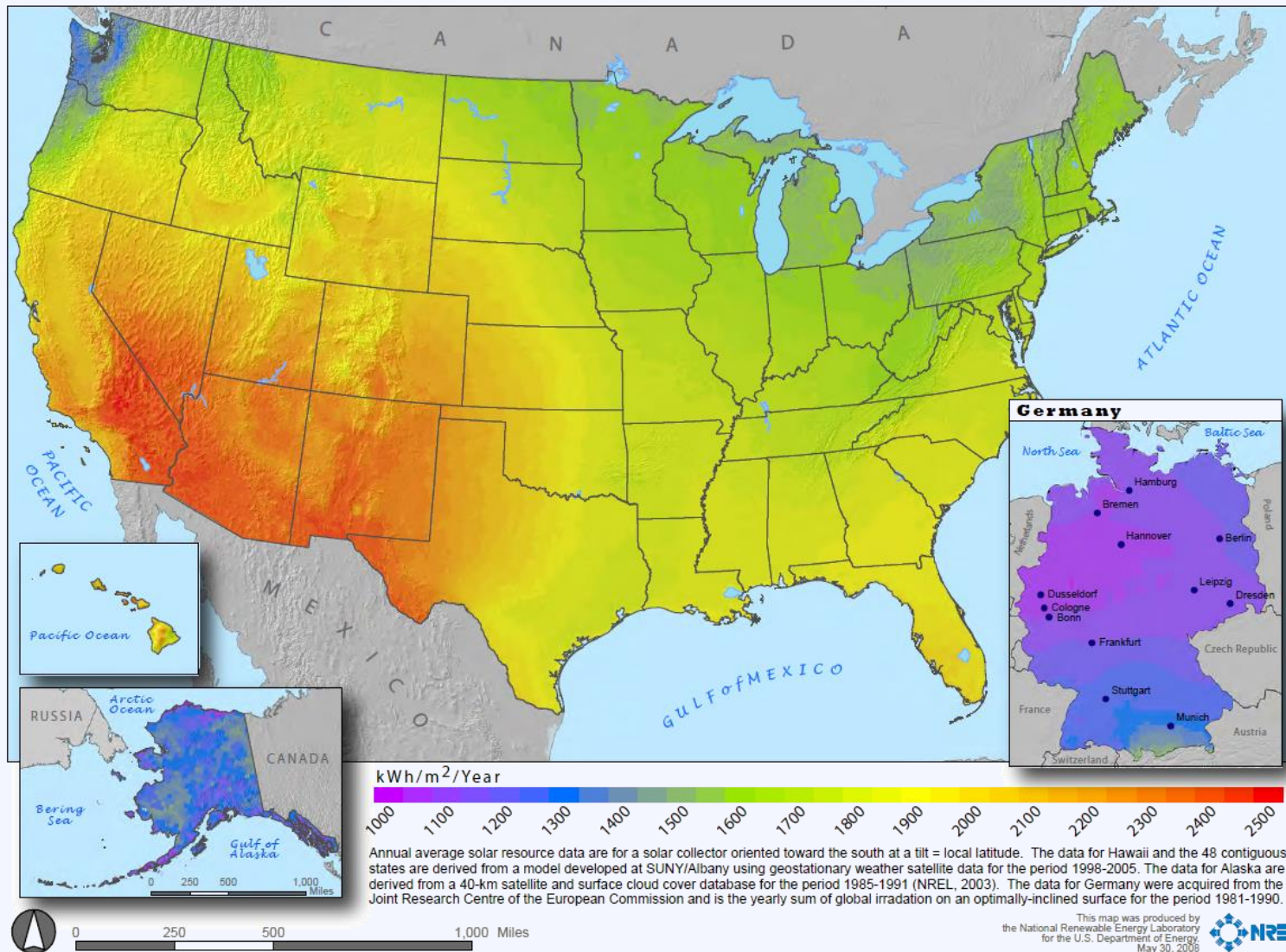


About the SunShot Solar Outreach Partnership

- Increase installed capacity of solar in U.S. communities
- Streamline and standardize **permitting and interconnection processes**
- Improve **planning and zoning codes/regulations** for solar technologies
- Increase access to **solar financing options**
- Provide complimentary **technical assistance**

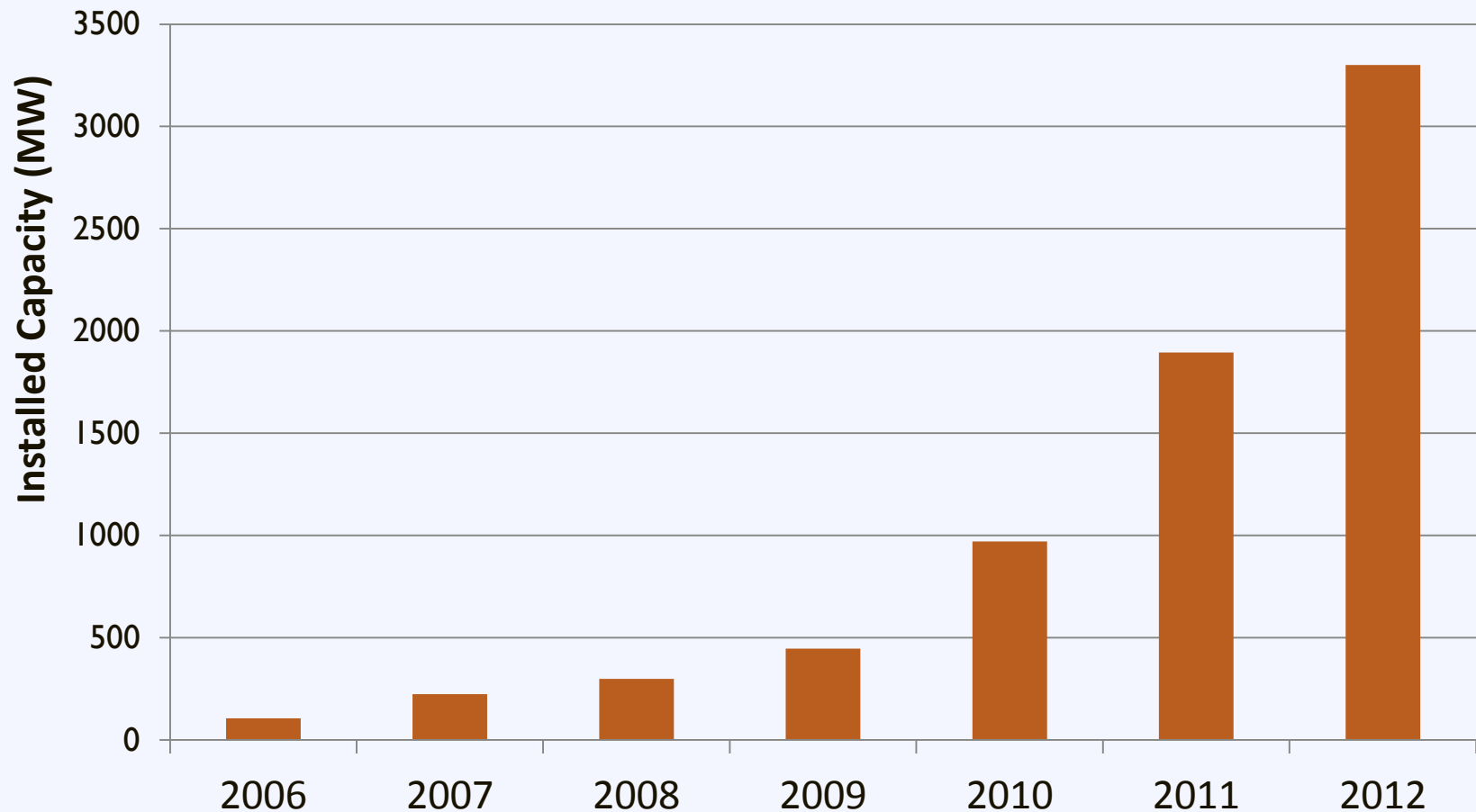


Solar Works Across the US



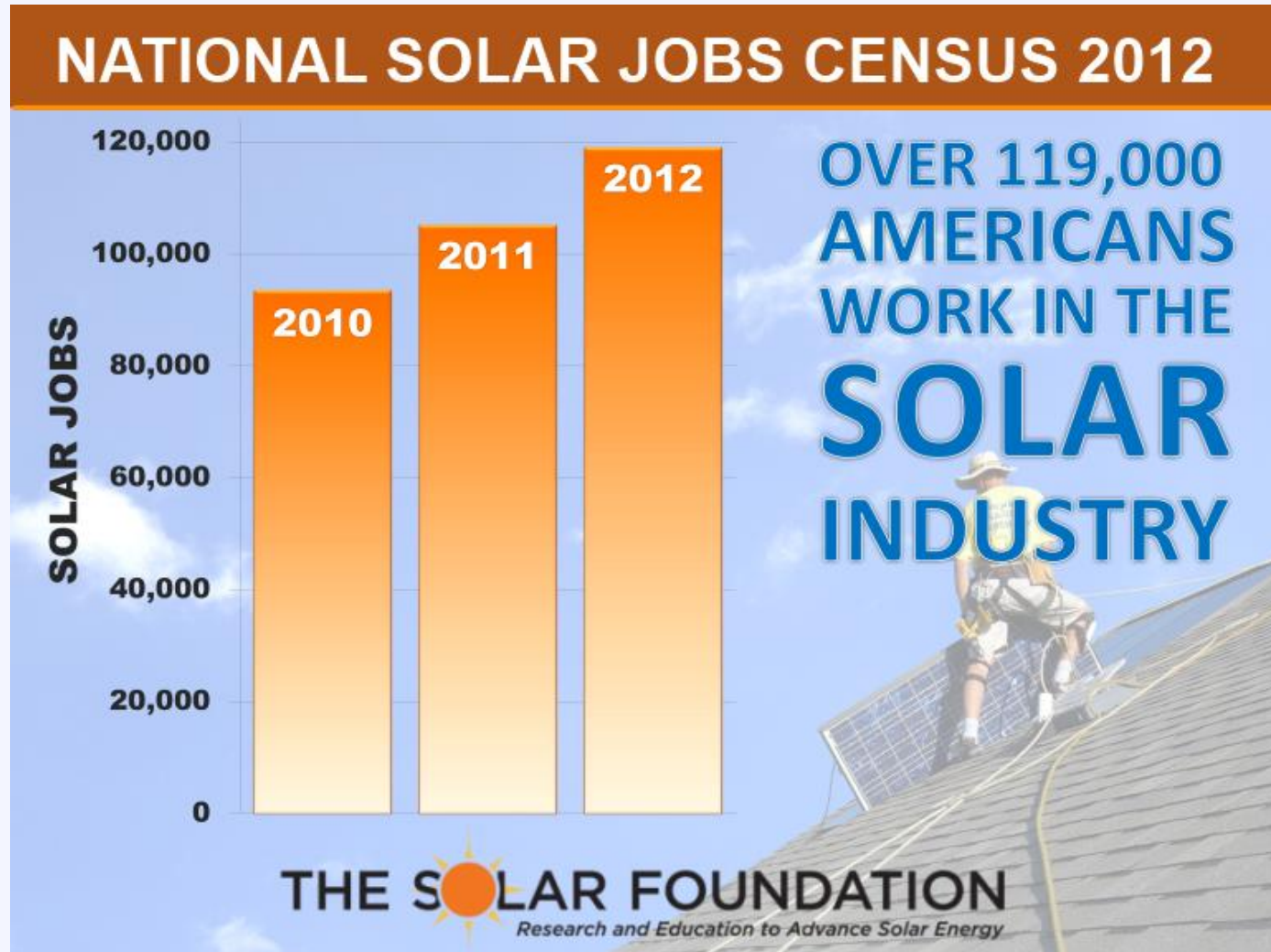
The Solar Industry is Growing

New U.S. Solar Electric Installations



Source: Solar Energy Industries Association/ GTM Research. Solar Market Insight: 2011 Year-in-Review, Solar Market Insight: 2012 Year-in-Review

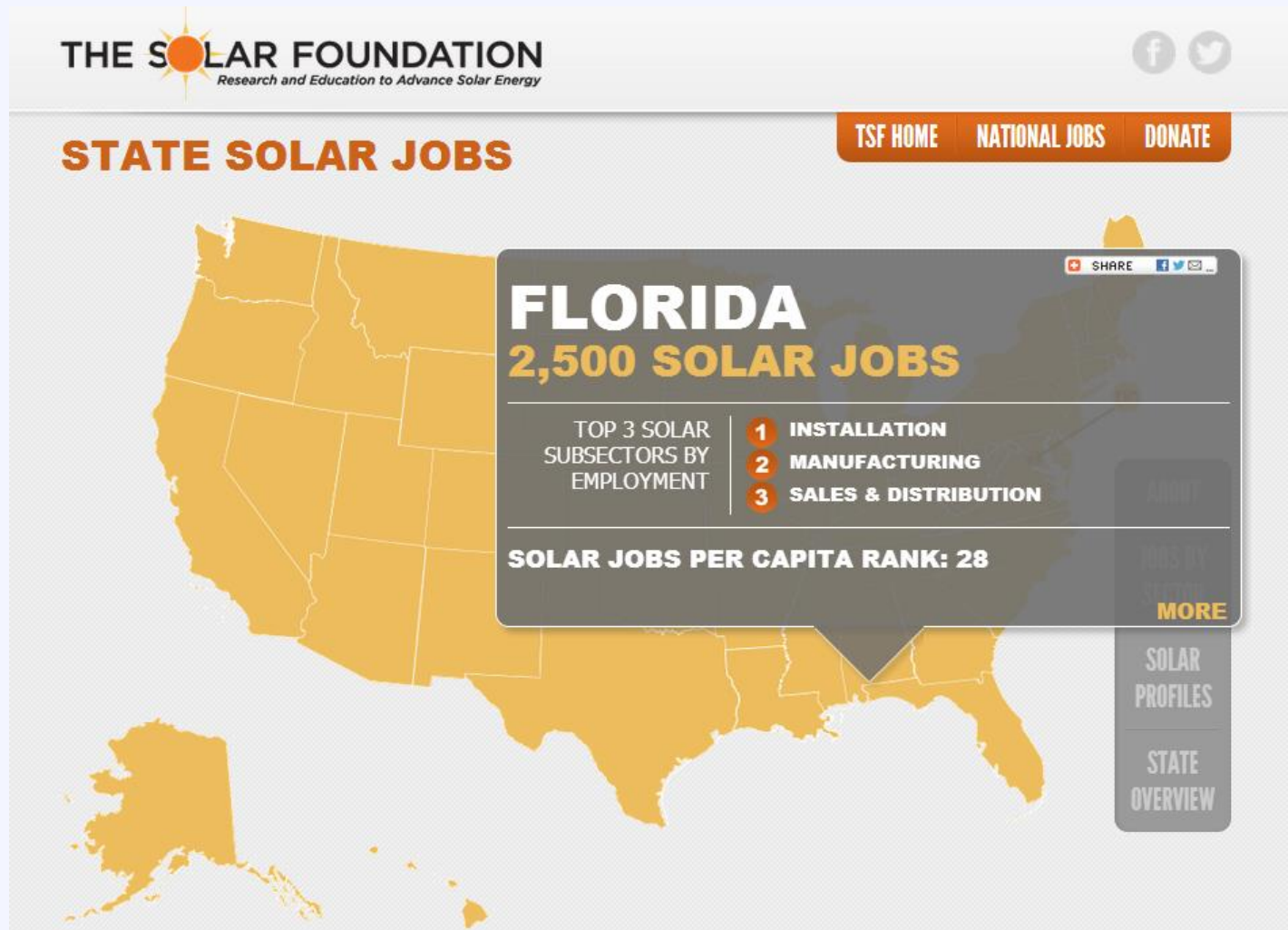
The Solar Workforce is Growing



The Solar Workforce is Growing

<i>Subsector</i>	<i>2010 Jobs</i>	<i>2011 Jobs (Revised)</i>	<i>2012 Jobs</i>	<i>2011 - 2012 Change in Employment</i>	<i>2011 - 2012 Growth Rate</i>	<i>2013 Projected Employment</i>	<i>2012 - 2013 Expected Growth Rate</i>
Installation	43,934	48,656	57,177	8,521	17.5%	68,931	21%
Manufacturing	24,916	37,941	29,742	(8,199)	(21.6%)	32,313	9%
Sales and Distribution	11,744	13,000	16,005	3,005	23.1%	19,549	22%
Project Development	--	--	7,988	7,988	--	9,098	14%
Other	12,908	5,548	8,105	2,557	46.1%	9,551	18%
Total	93,502	105,145	119,016	13,872	13.2%	139,442	17%

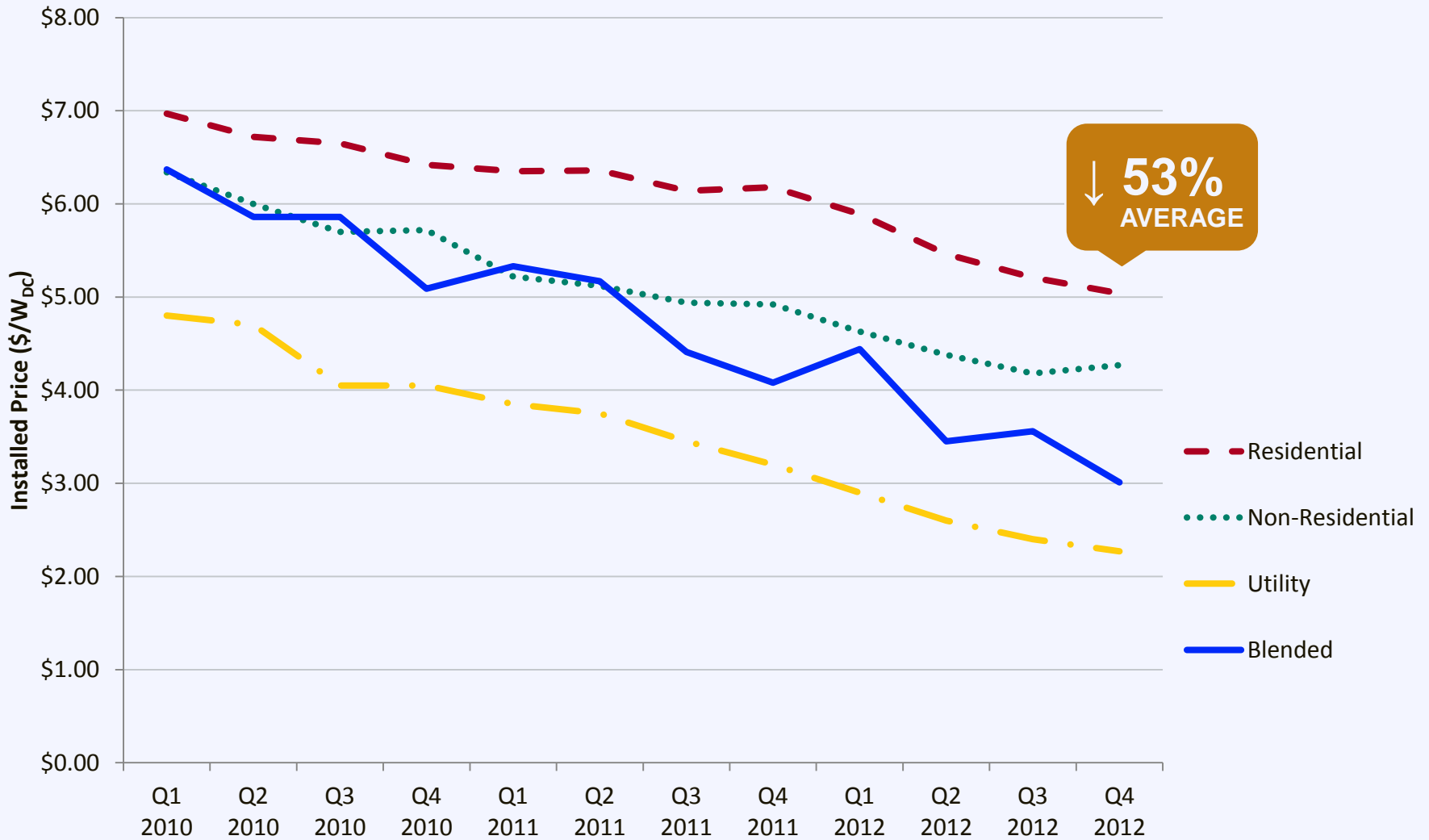
The FL Solar Workforce is Strong



The FL Solar Workforce is Strong

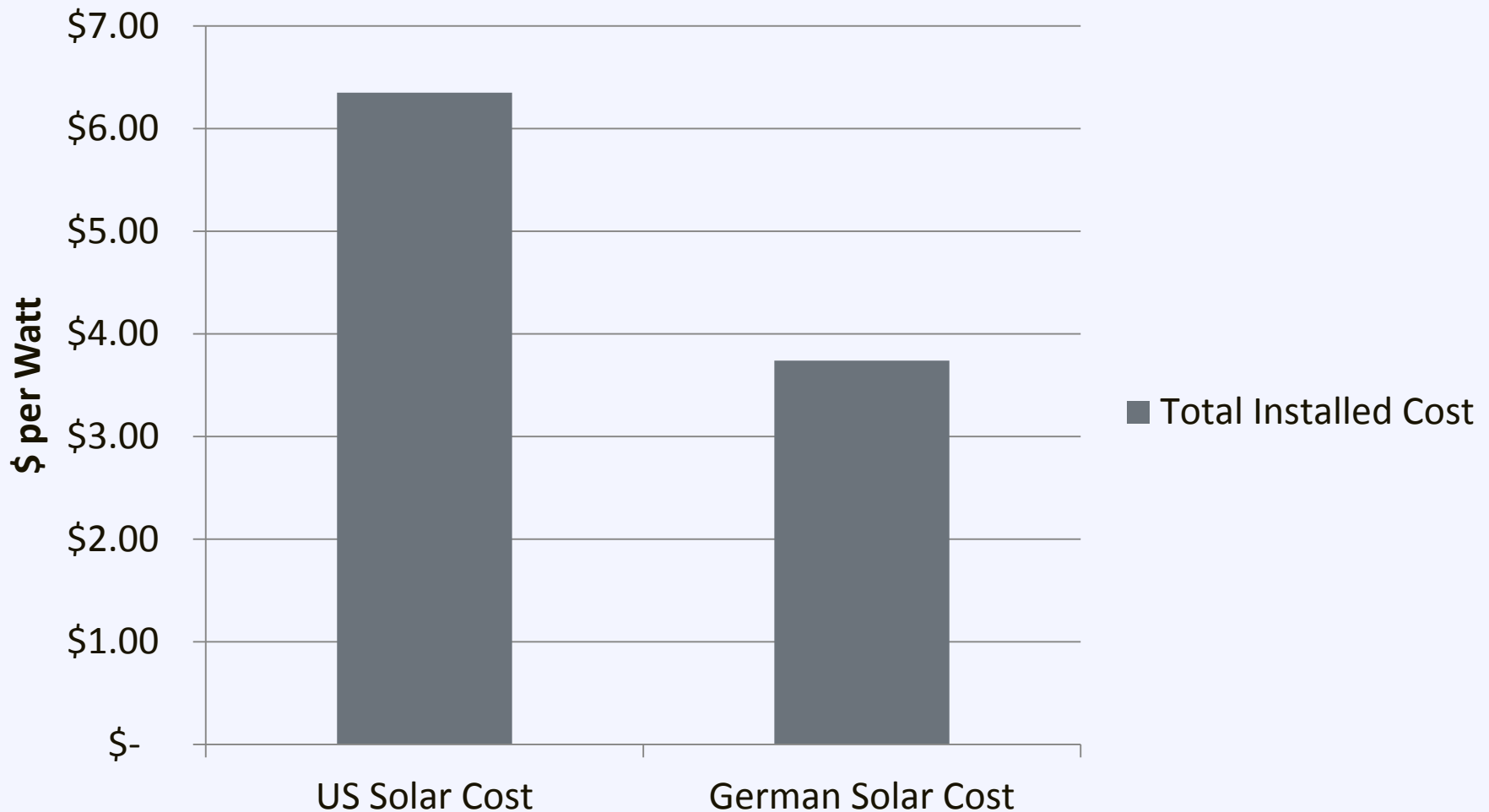
- 2,500 SOLAR JOBS
- TOP 3 SOLAR SUBSECTORS BY EMPLOYMENT
 - INSTALLATION
 - MANUFACTURING
 - SALES & DISTRIBUTION
- SOLAR JOBS RANK (MOST JOBS): **12th**
- SOLAR JOBS PER CAPITA RANK: **28th**
- RATIO OF SOLAR WORKERS TO GENERAL EMPLOYED PERSONS: **1 to 3,720**
- TOTAL SOLAR COMPANIES: **293**
- MAXIMUM SOLAR RESOURCE RANK: **14TH (5.49 kWh/m²/day)**
- NUMBER OF HOMES POWERED BY SOLAR RANK: **13th (10,988 HOMES)**
- ELECTRICITY PRICE RANK (MOST EXPENSIVE): **17th**

The Cost of Solar is Falling



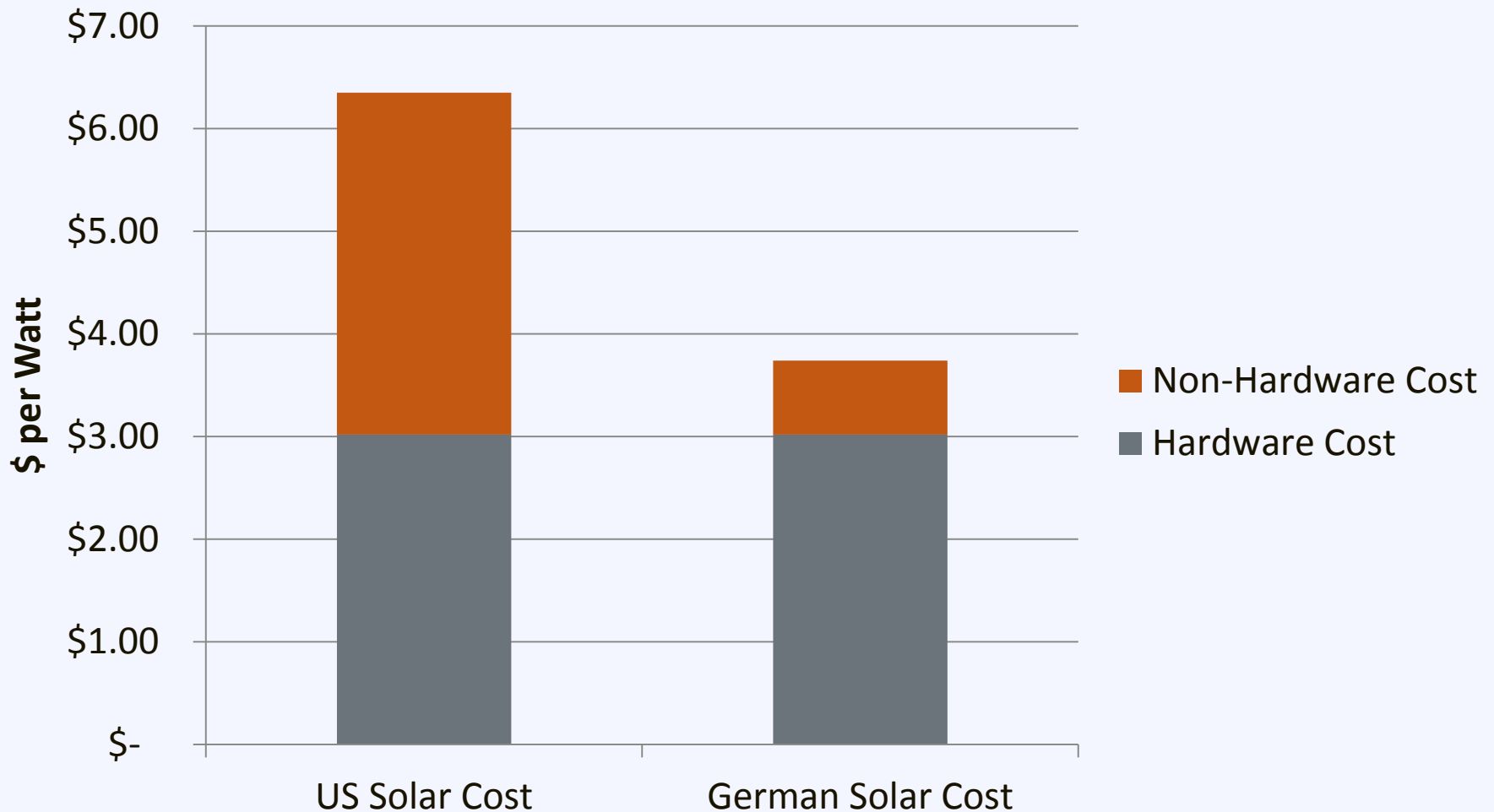
The Cost of Solar in the US

Comparison of US and German Solar Costs



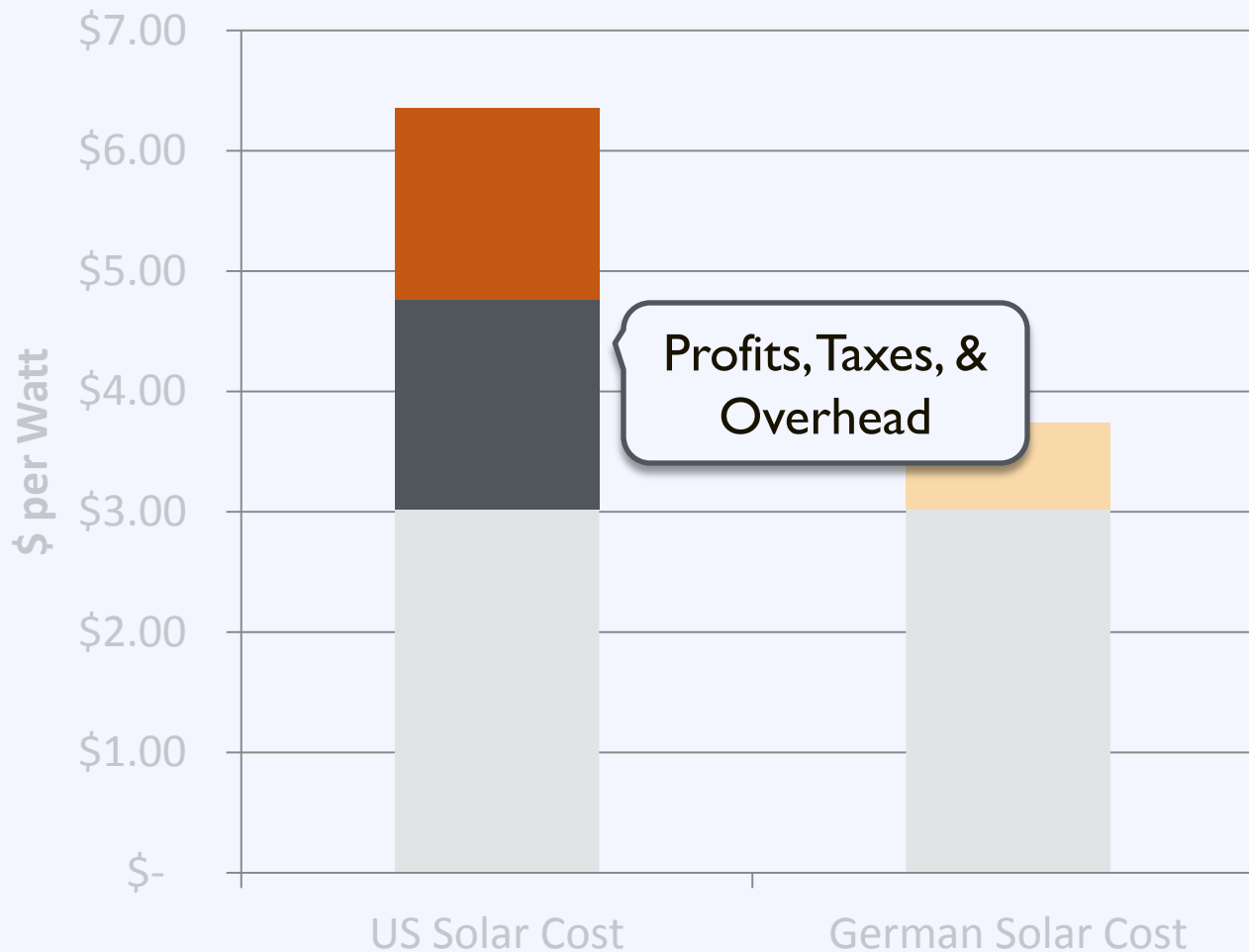
The Cost of Solar in the US

Comparison of US and German Solar Costs

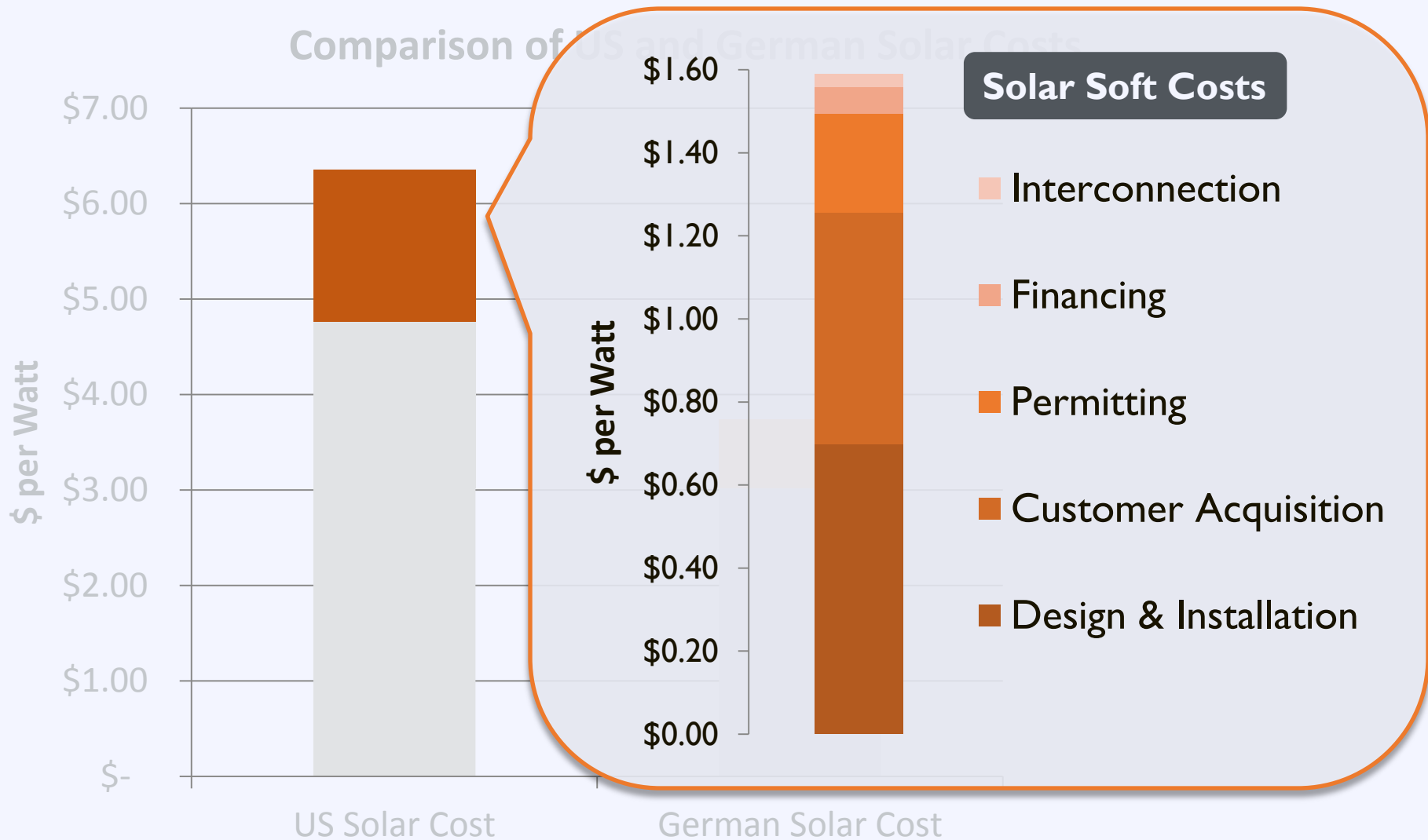


The Cost of Solar in the US

Comparison of US and German Solar Costs



The Cost of Solar in the US



Florida Solar Policies

- Corporate Tax Credit: \$0.01 per kilowatt-hour (kWh)
 - Systems placed in service after May 1, 2012
 - \$5 million statewide cap per year
- Sales Tax Exemptions
- Utility Rebates
- Third-party Ownership: Not Allowed
- Net Metering: 2 MW system cap
 - Net Metering Policy Grade: B
 - Interconnection Policy Grade: D
- Go to: <http://www.dsireusa.org>

Thank You

Alexander Winn

Project Associate

awinn@solarfound.org

202-540-5348

<http://SolarOutreach.org>

