



# **How the Clean Energy Economy Can Create Jobs and Economic Growth in Your State**

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The **Apollo Alliance** is a coalition of diverse interests - including business, labor, environmental, and community leaders - working to advance a bold vision for the next American economy centered on **clean energy** and **good jobs**.



# The Clean Energy Economy

- **Clean energy is a huge and growing global market.**
  - More than \$139 billion invested in clean energy worldwide in 2009.
  - Clean energy will become the world's third largest industrial sector by 2020.
- **China, Japan, and Germany are global clean energy leaders**
  - Together, they are investing hundreds of billions of dollars in renewable energy, energy efficiency, and public transportation



# The Clean Energy Economy

- **The US is also investing in clean energy**
  - Recovery Act included \$110 billion in clean energy investments
  - FY 2011 Budget, jobs bill, and state policies are moving the clean energy economy forward
- **Investments in clean energy create jobs**
  - By 2007, 68,203 businesses in the U.S. had generated more than 770,000 jobs in the clean energy economy in all 50 states. (Pew)
  - Clean energy investments create three times as many jobs as investments in coal/oil/gas (CAP)

# Two-Pronged Strategy

- Create demand for clean energy systems and components
- Make sure we can meet that demand with products made here



# Why Manufacturing Matters

- The US has lost 6 million manufacturing jobs in the last decade, and 2.1 million since the recession began
- Our manufacturing trade deficit has risen to \$440 billion
  - This accounts for 60% of manufacturing job loss over

# Why Manufacturing Matters

- Manufacturing represents 8% of national employment and 12% of GDP.
- Manufacturing jobs offer a pathway to the middle class for the 68 percent of American workers with less than a college degree.
- Manufacturing jobs pay better wages and more often provide health, pension, and other benefits.
- Manufacturing also has a strong multiplier effect – one manufacturing job equals 2.5 jobs in other sectors

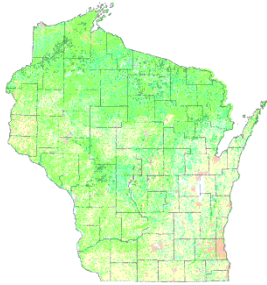
# How States are Creating Clean Energy Manufacturing Jobs





# Michigan

- **Creating demand** through clean energy policies and programs
- **Investing in the state's manufacturing sector** with programs like Clean Energy Advanced Manufacturing Grants
- **Building up new industries**, like Advanced Battery Manufacturing
- **Training the state's clean energy workforce** through No Worker Left Behind



# Wisconsin

- **Investing in energy efficiency** and making sure that federal and state funding leverages **good jobs for local residents.**
- Investing in manufacturing with the **Green to Gold Fund**
- **Training a clean energy workforce** through high-quality partnerships like the **Wisconsin Regional Training Partnership**



# Ohio

- **Investing in renewable energy and energy efficiency** through the Advanced Energy Fund
- **Investing in research, development, and commercialization** through Ohio's Third Frontier
- **Helping residents access clean energy training** through the Green Pathways Catalog and Pre-apprenticeship Standards

**For more information, visit:**

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