

Green Growth and Sustainable Development: The U.S. Case

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Simple Points on Macroeconomy/Jobs

- **Short-term Economic/Employment Crisis**
 - 9.8% official unemployment as of 9/09
 - 17.0% including disc

Simple Conclusions for U.S. Policy

- **Need to Take Action on:**
 - Global Warming and Energy Independence
 - Short-Term Job Crisis and Long-Run Employment Vulnerabilities
- **Possibilities for Convergences?**

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Parallels with Growth/Equity/Employment Programs for Developing Countries

- **Channeling Public and Private Investment for:**
 - Expanding decent employment opportunities
 - Raising productivity
 - Deepening markets
- **My own recent work with UNDP on this:**
 - “Employment Targeted” Economic Programs for Kenya/South Africa

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Sources of Employment Creation

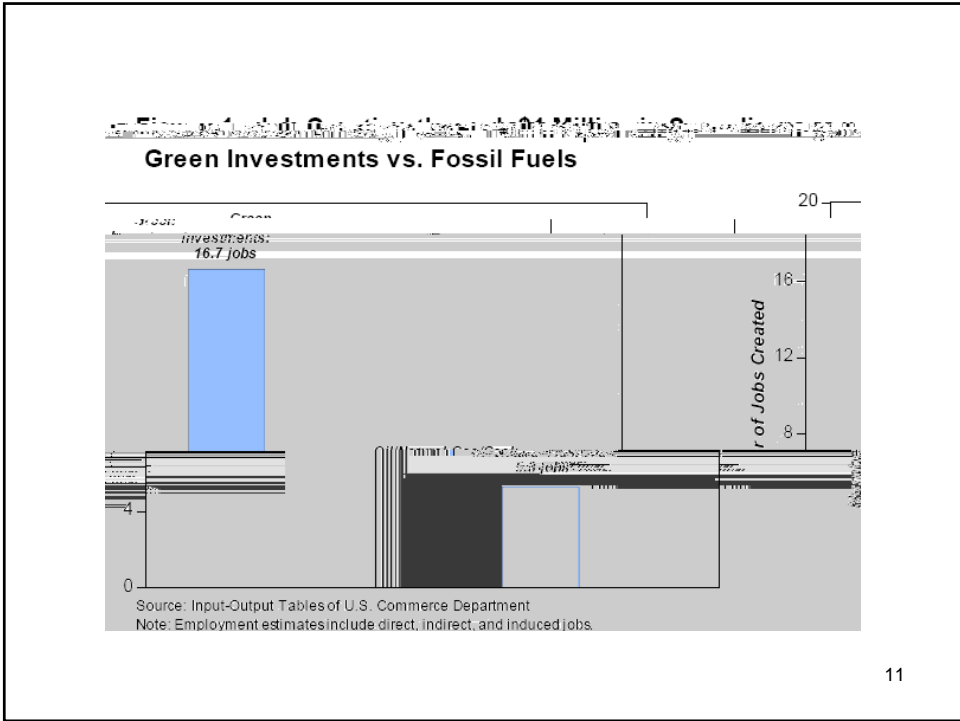
- **Job-Generating Clean-Energy Investments only**
- **Three factors in job creation**
 - Direct Jobs
 - Indirect Jobs
 - Induced Jobs
- **Nothing about:**
 - “Green Jobs”
 - Public vs. private sources of investment funds
- **Model includes only:**
 - Spending money
 - Differences in: labor intensity, domestic content, compensation
 - Job Creation and Inter-Sectoral Linkages Emerge

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U.S. Green Investment Program

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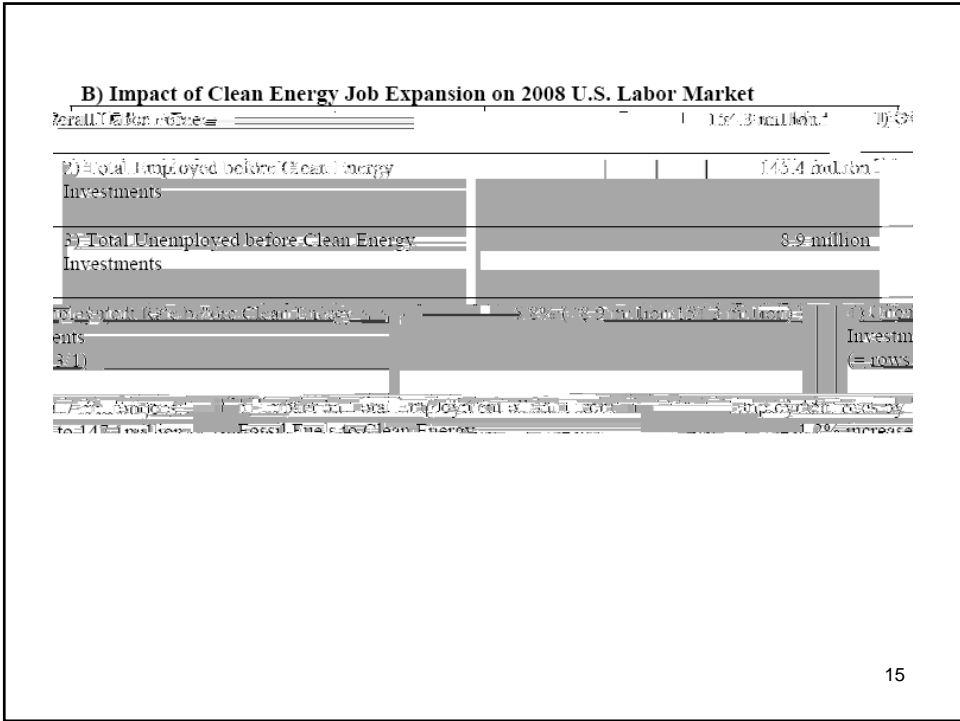


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Overall Clean Energy Investment Transition

- **Three Factors in Transition**
 - Investments in efficiency
 - Investments to lower costs of renewables

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- ## Additional Employment Effects
- **Range of jobs**
 - Spread of occupations
 - Geographic equity
 - Construction, manufacturing, transportation

 - **Opportunities for job ladders**
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How to Pay for Clean-Energy Investment Program?

- **Short-term:**
 - Deficit Spending
- **Long Term:**
 - Carbon Tax or Cap-and-Trade Auction Revenues?
 - Military Budget?