



# Energy Efficiency and Renewable Energy: Solar

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# Solar Program Overview: Structure and Mission

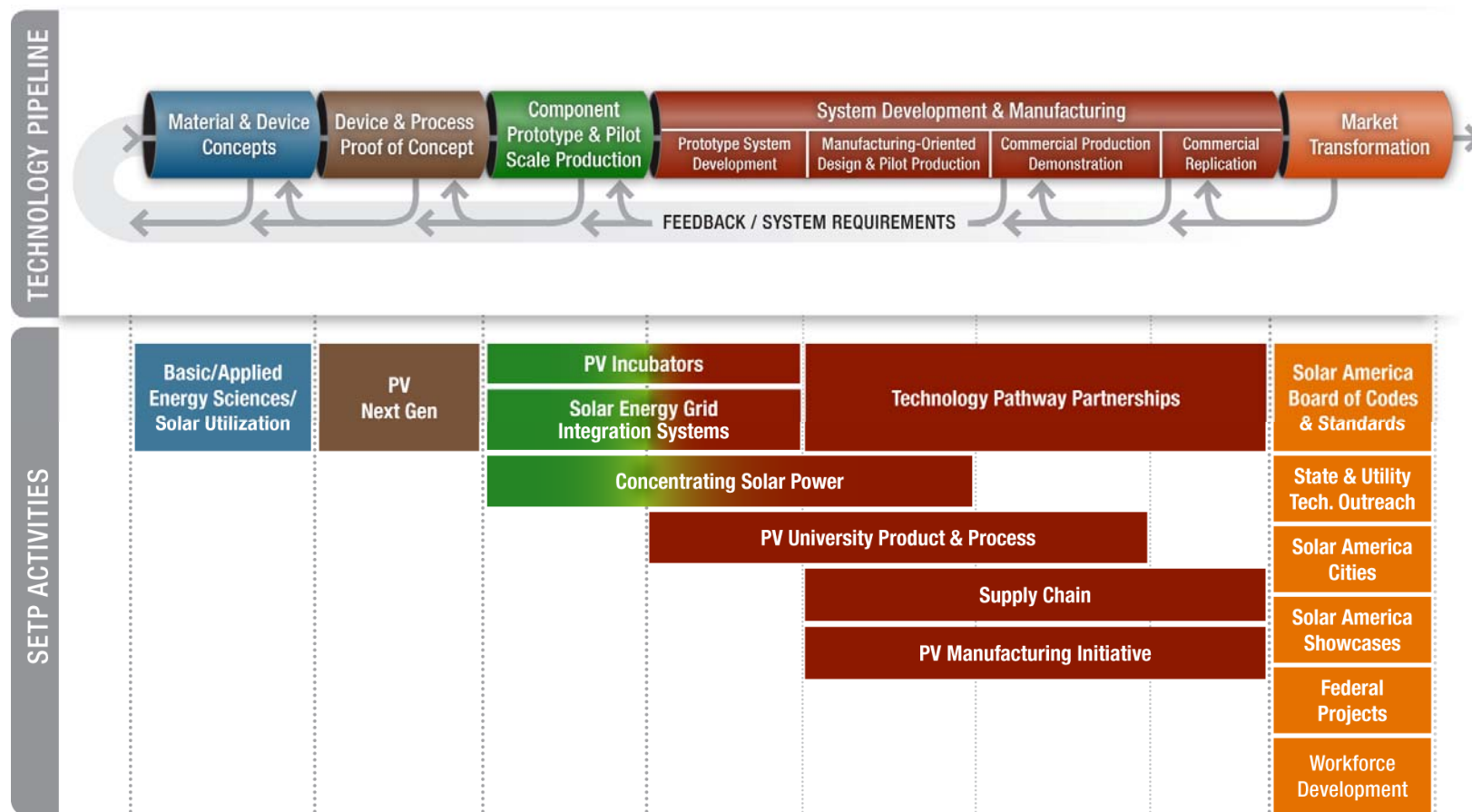


*The Program is implementing four key activities to reduce technology cost and achieve high market penetration*

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# Solar Program Overview: Funding Strategy

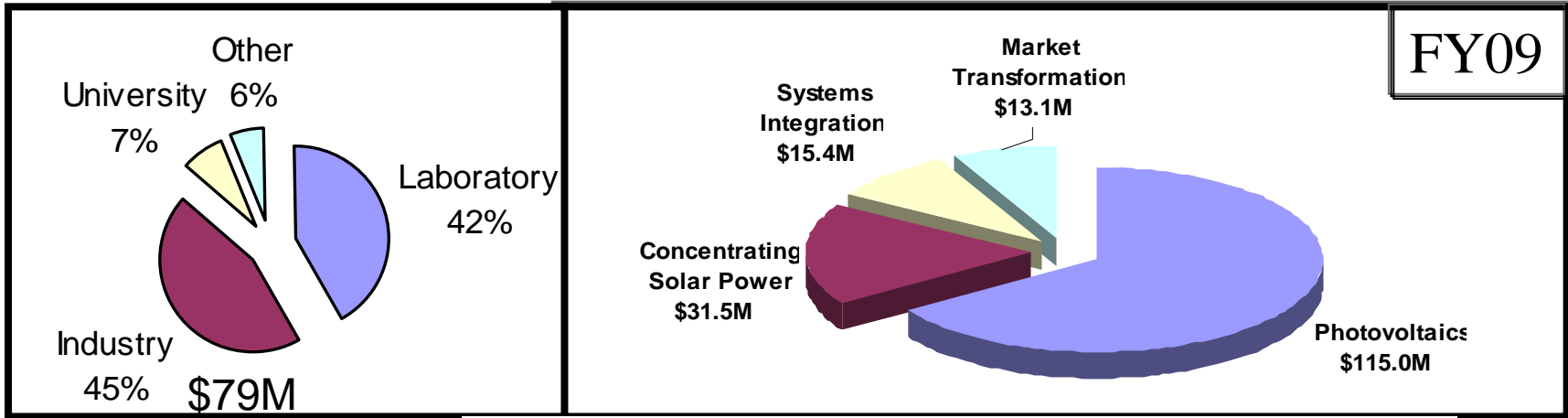


***The Solar Program targets funding opportunities throughout the development pipeline, from early stage applied research through market development***

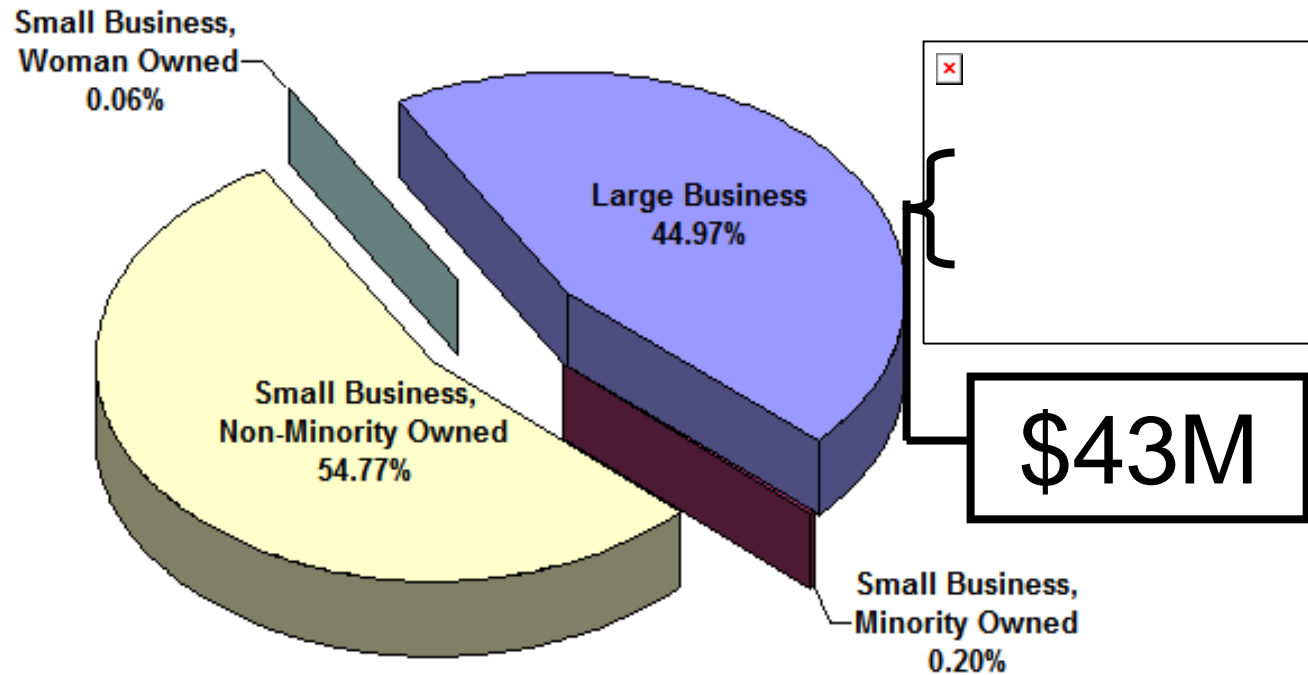


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# Solar Program FY 2009



**Financial Assistance:**  
**\$79M for businesses,**  
**\$43M for small**  
**businesses to fund**  
**research into lower**  
**cost, higher**  
**performing, more**  
**reliable photovoltaics**  
**and concentrating**  
**solar power systems**





# Solar Program Opportunities in FY10

**Funding Opportunities – including, but not limited to,**

- **Next Generation Photovoltaic Device and Processes**
  - Will fund exploratory research and development of innovative, revolutionary, and highly disruptive next-generation PV technologies
  - Targeted opening for solicitation: Apr. 2010
- **PV Supply Chain and Cross-Cutting Technologies**
  - Will fund research to reduce manufacturing and product costs by improving processes and materials common to PV manufacturing that have the potential to impact the PV industry within 2 to 6 years
  - Targeted opening for solicitation: early Oct. 2009
- **PV Manufacturing Initiative**
  - Intended to encourage collaboration and consortia formation to improve U.S. PV technology competitiveness and formation of a robust U.S. manufacturing and supply chain for photovoltaics
  - Until Sept.30 Request for Information is on the street– please give us your opinions to shape the funding opportunity.
  - Targeted opening for solicitation: late Oct. 2009

