



*Office of ENERGY EFFICIENCY  
& RENEWABLE ENERGY*

SOLAR ENERGY TECHNOLOGIES OFFICE



# Solar Energy Technologies Office

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Becca Jones-Albertus, Ph.D  
Director

# Solar Energy Technologies Office Overview

Our mission is to accelerate the development and application of technology to advance low-cost, reliable solar energy in the U.S.

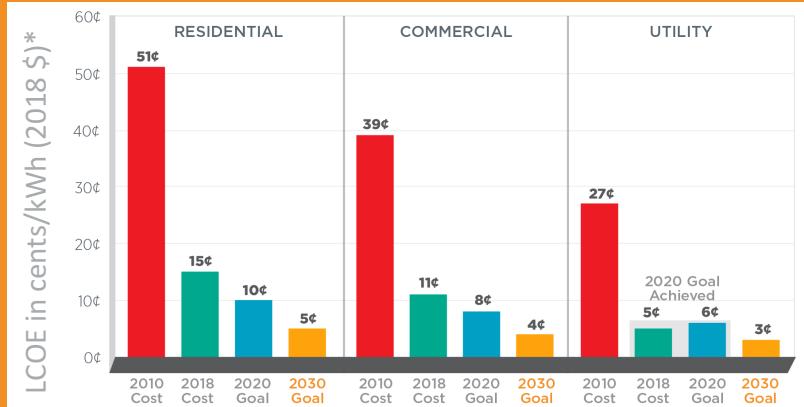
To achieve this mission, solar energy must:

- ▶ Be **affordable** and **accessible** for all Americans
- ▶ Support the **reliability**, **resilience**, and **security** of the grid
- ▶ Create a sustainable industry that **supports jobs**, **manufacturing**, and the **circular economy** in a wide range of applications

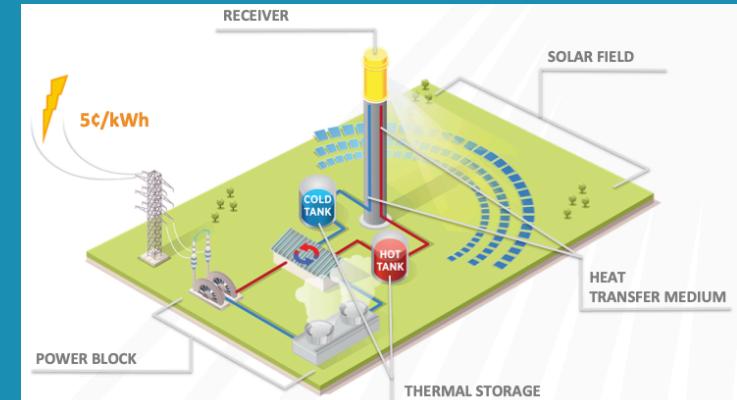
# SETO Program Areas

2020 Budget: \$280M

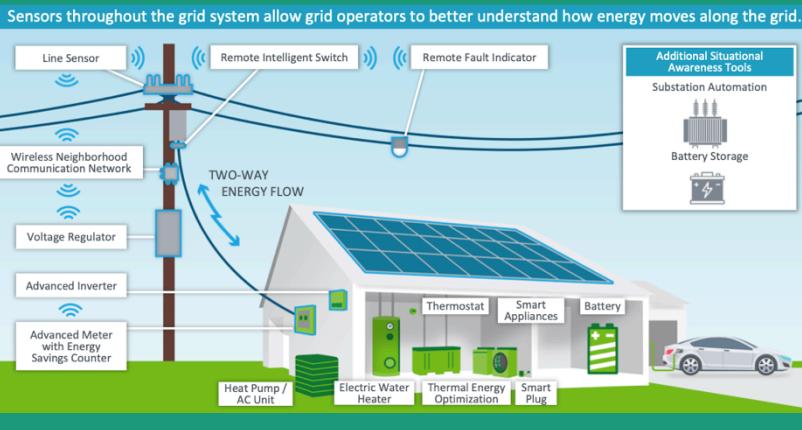
## PHOTOVOLTAICS



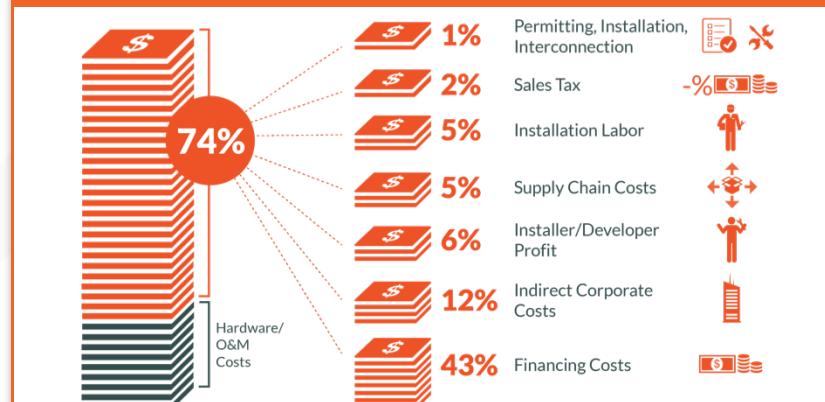
## CONCENTRATING SOLAR POWER



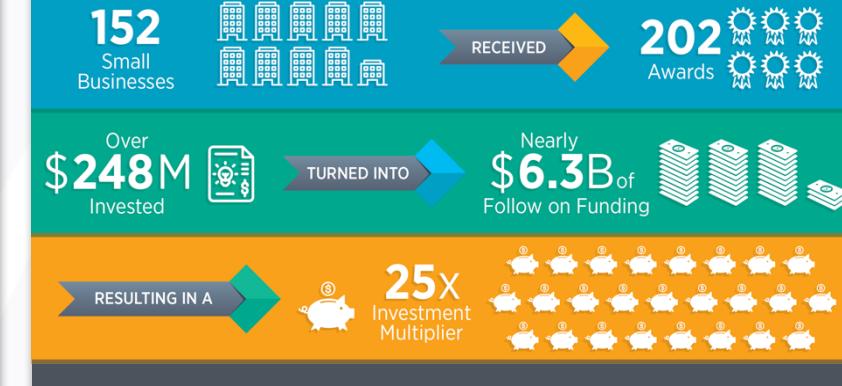
## SYSTEMS INTEGRATION



## BALANCE OF SYSTEMS SOFT COST REDUCTION



## MANUFACTURING AND COMPETITIVENESS



# SETO Has 375+ Active Projects

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Projects and partners in **48** states plus the **District of Columbia**

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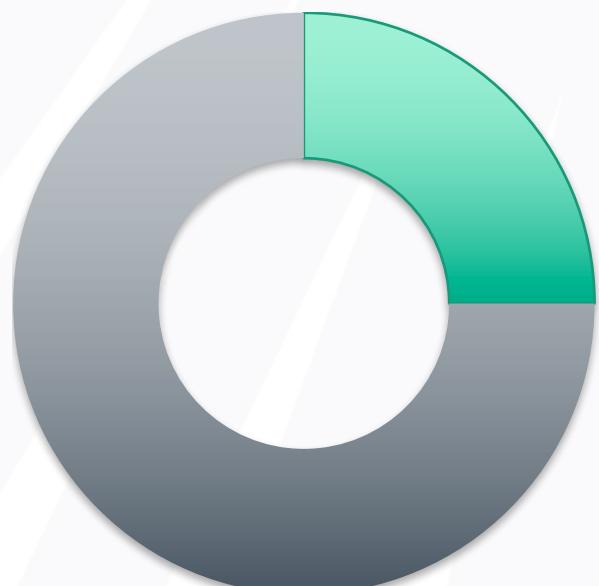
**40%** of projects led  
by **national labs**



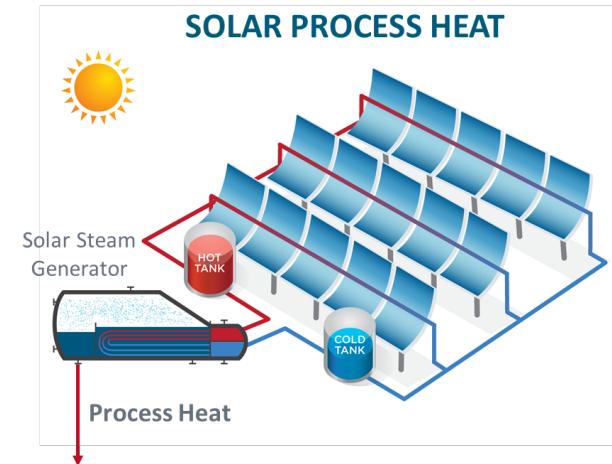
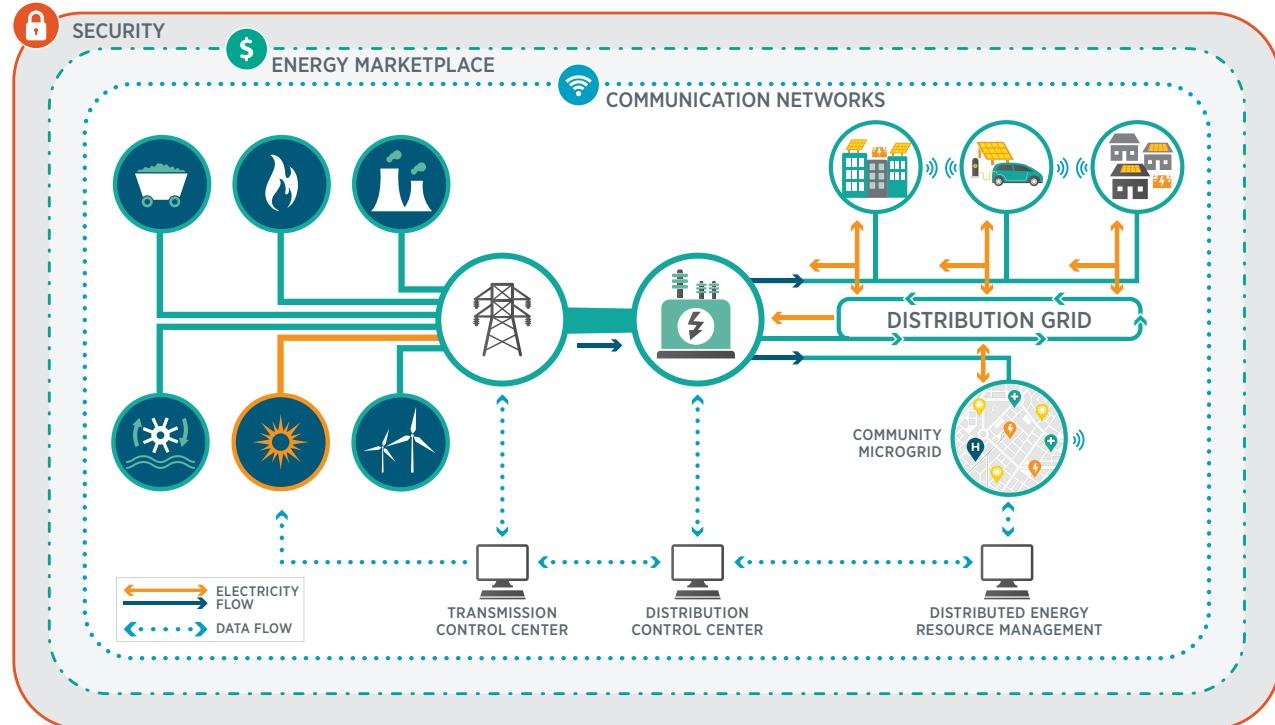
**35%** of projects  
led by **universities**



**25%** of projects led by  
**businesses, non-profits, and**  
**state and local government**

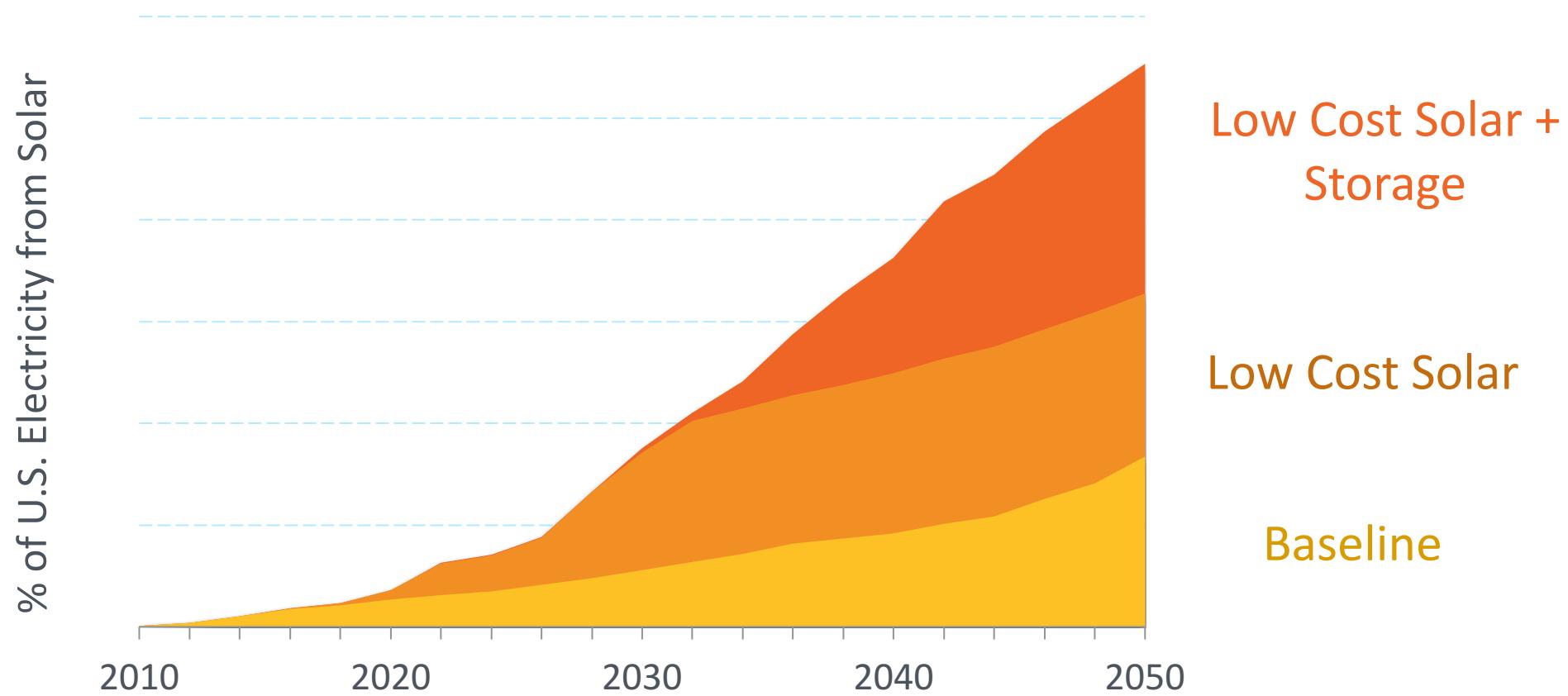


# A Sampling of Priorities



U.S. DEPARTMENT OF ENERGY

# Enormous Potential for Low Cost Solar Power



Source: W. J. Cole, B. Frew, P. Gagnon, J. Richards, Y. Sun, J. Zuboy, M. Woodhouse, and R. Margolis, "SunShot 2030 for Photovoltaics (PV): Envisioning a Low-cost PV Future," NREL/TP-6A20-68105, National Renewable Energy Laboratory, Golden, CO (2017).

# Thank You!

Becca Jones-Albertus, Ph.D



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