

UC PRESIDENT NAPOLITANO'S CARBON NEUTRALITY INITIATIVE

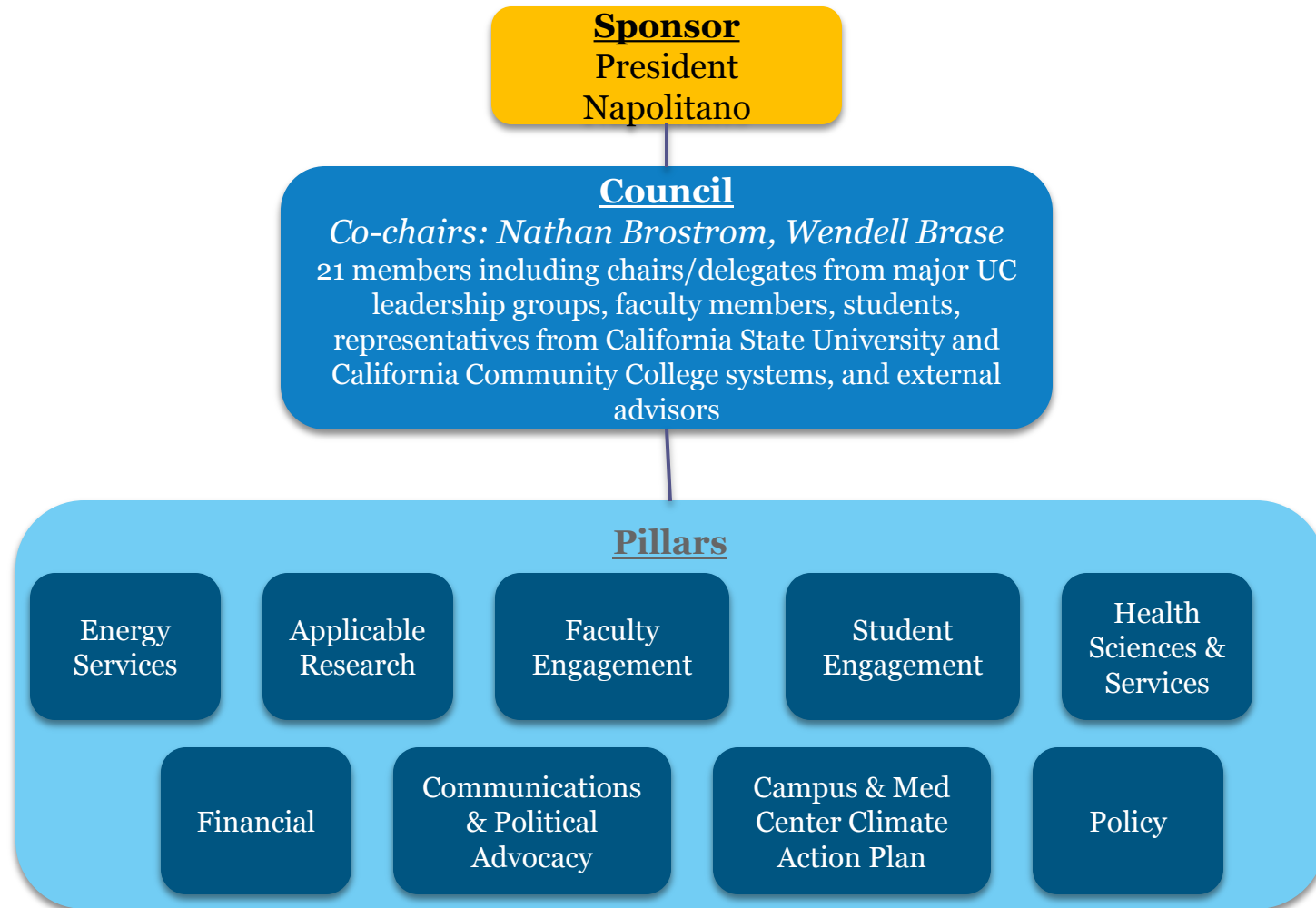
UC SOLAR SYMPOSIUM
October 17, 2014

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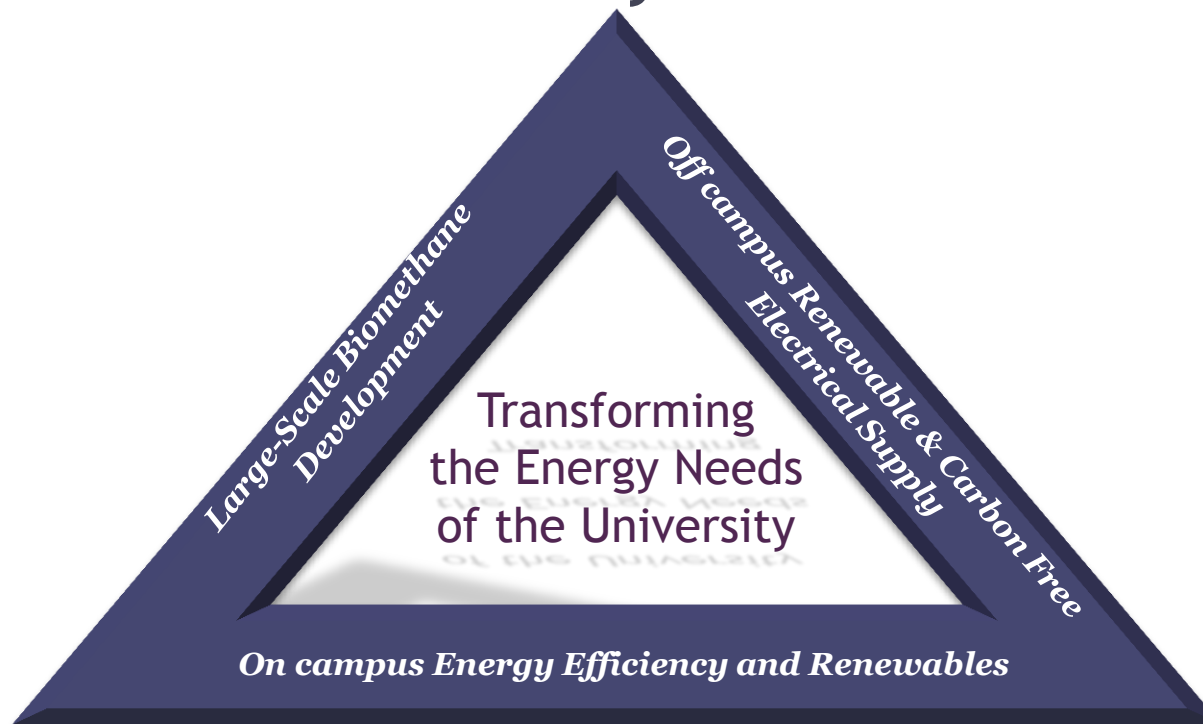
"...Now, this is a steep mountain, and we have to figure out how to reach the top. But we are the University of California. And there is no reason that UC can't lead the world in this quest, as it has in so many others...The good news is that research universities like UC are in the business of breaking through barriers. That's why we call them breakthroughs. It is the essence of what research universities do."

– UC President Janet Napolitano, announcing that UC will be carbon neutral by 2025

Global Climate Leadership Council



Achieving Climate Neutrality



On-Campus Demand

Invest in energy efficiency and renewable generation to reduce campus load

Biomethane Development

Transition from natural gas to biomethane to fuel UC's efficient electrical plant facilities

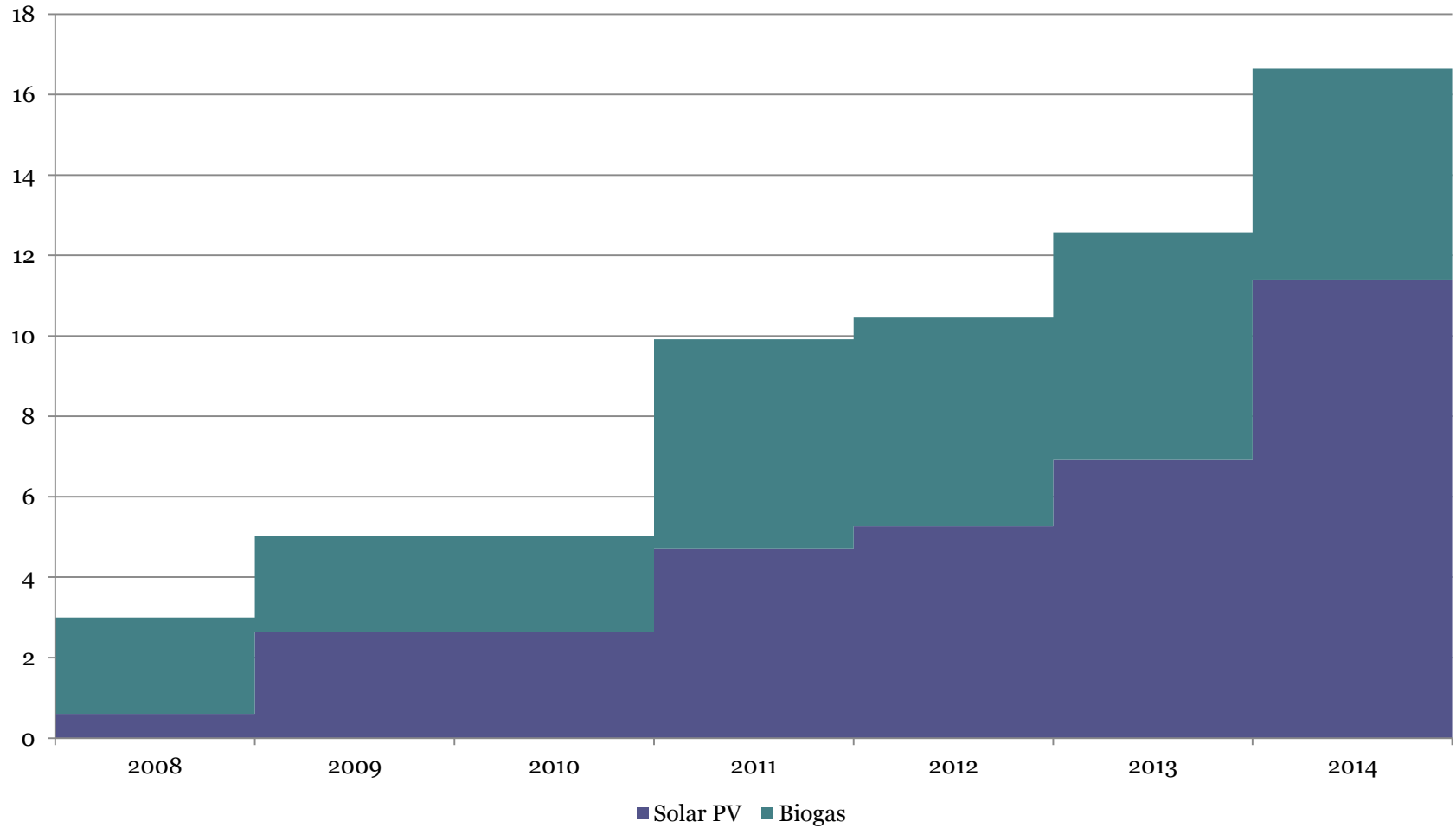
Off-Campus Electrical Supply

Enter the wholesale electrical market to control our supply

Wholesale Electricity - Recent Solar Purchase

- UC signed two Power Purchase Agreements (PPAs)
 - 80 MW
 - Two new - to be constructed - projects in Fresno County
- Represents 60% of the direct access demand
 - Direct access campuses make up ~26% of UC's electric load
 - Will also supply UC Davis, which is served by Western Area Power Authority (WAPA)
- Largest solar energy purchase by any U.S. higher education institution!
 - Across UC's campuses there are 23MW of solar installations planned or under construction in the upcoming year.

Onsite Renewable Energy: 17 MW



Thank you

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