

Public University Partnership Ecosystems

Research, teaching, and community service to achieve local and state-wide goals



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APRU Provosts' Forum, 11 – 13 March 2018 @ HKU

UCLA



UCLA Ed & IS K-12 Partnership Schools

A new ecosystem of K-12 teaching schools where UCLA can partner to develop, study, share, and advance innovative best practices.

CAMPUS SCHOOLS

UCLA Lab School

COMMUNITY SCHOOLS

UCLA Community School
@ RFK
Mann UCLA Community
School

TIE-INS SCHOOLS

Tie-Ins Schools
(LAUSD West LA)

<https://partnershipschools.gseis.ucla.edu/>



<http://tdg.ucla.edu/>

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Think Grand

What happens when visionaries in science and scholarship unite with the community to solve one giant global problem?

We take one step closer to a better world



Sustainable LA Grand Challenge

Achieving sustainability in energy and water while enhancing ecosystem health in Los Angeles County by 2050.



Depression Grand Challenge

Understanding, preventing and treating the world's greatest health problem.

<https://grandchallenges.ucla.edu>

Sustainable LA – by 2050



Five-year work plan: <https://grandchallenges.ucla.edu/sustainable-la/vision/>

Community engagement: events, education, participation in usage research

Campus engagement: > 40 departments (arch. & urban design, engineering, environmental health sciences, psychology...)

Technologies: solar cells, conservation management, water purification

Policies: goals, incentives, pricing policies

Strategies and assessment:

- US\$ 6.7 M in government grants, corporate & private philanthropy
- Environmental Report Card



KEY PARTNER: City of Los Angeles

28-April-2017: **Mayor Garcetti will co-chair the L.A. Sustainability Leadership Council* with UCLA Chancellor Gene Block to drive forward the Sustainable City pLAN, Sustainable LA Grand Challenge, and other regional efforts.** The Council will guide efforts to:

- **build a sustainable future for Los Angeles**
- identify new opportunities for collaboration between the public, private, and academic sectors to advance the **pLAN**.
- work toward progress on **UCLA's Sustainable Grand Challenge (SLA GC)**, and other important regional sustainability efforts.

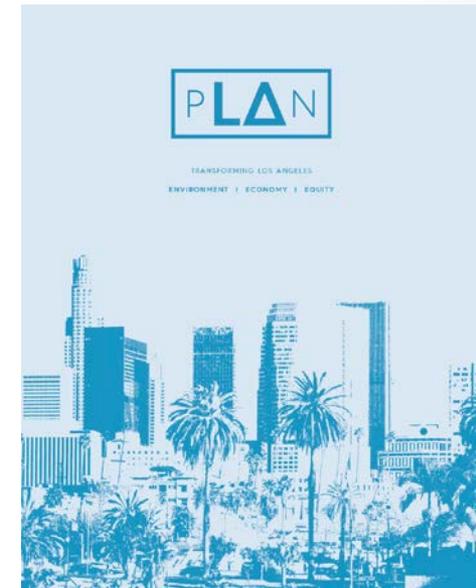
Sustainable City pLAN 2025 and 2035 roadmaps targets in 14 categories related to the environment, economy, and equity — including water conservation, clean energy, waste, green jobs, transportation, climate change and livability.



UCLA Grand Challenges
Sustainable LA
UCLA Institute of the Environment and Sustainability



UCLA Grand Challenges
Sustainable LA
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<http://plan.lamayor.org/>

The Sustainable City pLAN is a roadmap for a Los Angeles that is environmentally healthy, economically prosperous, and equitable in opportunity for all – now and over the next 20 years.



ENVIRONMENT

Protecting LA's Environment ensures that we harness our natural resources efficiently and effectively, while providing a clean, healthy and safe City for present and future generations of Angelenos.



ECONOMY

Strengthening the Economy of LA ensures we can satisfy our basic needs for housing, jobs, mobility and wellness.



EQUITY

Building equity in our city ensures all Angelenos have access to healthy, sustainable neighborhoods. It also strengthens a sense of collective ownership of our common future.

*Press release with roster: <https://www.lamayor.org/mayor-garcetti-forms-la-sustainability-leadership-council>

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OUTLOOK



OPPORTUNITIES

- Build on public understanding (droughts, fires, pollution)
- Leverage CA policies on climate, energy (transportation, buildings)
- Align with state investments in water infrastructure, conservation
- Mobilize faculty and student interest
- Engage philanthropists & celebrities committed to environmental quality
- Build on UCLA's reputation in this arena (engineering, Pub. Health)
- Take advantage of UCLA alums & grad students who are embedded in city government
- Collaborate with APRU partners to address common themes

CHALLENGES

- Local politics and term limits
- P3's : relatively new for public infrastructure funding
- Ambitious goals, and "Grand" sets high expectations