

USC Sustainability 2020 Goals: Progress Report January 2019

Goals	% Complete	Status	Project Status by end of 2019	Baseline Comparison	Official Status for Public Posting
<p>1. Develop environmentally literate students + faculty</p> <p>Incorporate sustainability into graduates' knowledge</p> <p>Assess student + faculty understanding of sustainability</p>		<p>IN-PROGRESS</p> <p>IN-PROGRESS</p> <p>IN-PROGRESS</p>		No Interdisciplinary programs extant in 2014	The Center for Sustainability Solutions was launched in the fall of 2018.
<p>2. Develop degree programs that train students to practice sustainability</p> <p>Provide incentives for developing sustainability courses</p> <p>Develop interdisciplinary sustainability curriculum committee</p>		<p>IN-PROGRESS</p> <p>IN-PROGRESS</p> <p>IN-PROGRESS</p>		No Interdisciplinary programs extant in 2014	The Center for Sustainability Solutions was launched in the fall of 2018.
<p>3. Develop research that includes cross-disciplinary studies, promotes competitive grant applications</p>		IN-PROGRESS			

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1. Increase awareness of campus sustainability practices, set targets to increase activity	69%	IN-PROGRESS	COMPLETED		
Develop metrics + targets for sustainability engagement	25%	IN-PROGRESS	50%	No metrics or baseline performance indicators extant in 2014	Campus-wide survey will be launched fall 2020 to close out the 2020 Plan and provide the baseline for the 2028 Plan. Survey will be conducted bi-annually after that.
Develop awareness campaign	50%	IN-PROGRESS	COMPLETED	No enterprise-wide programs extant in 2014	1st annual sustainability education & awareness year-long media campaign launched fall 2018, focusing on waste. Energy/water campaign will begin spring 2019.
Develop annual sustainability programming	COMPLETED	COMPLETED	COMPLETED	Staff Assembly Fair started in 2005. Sustainability Forum started in 2017.	Annual activities now include the GEF, Staff Assembly Sustainability Fair, the fall/spring Sustainability Forums, the trimester Sustainability Steering Committee meetings, the weekly/monthly meetings hosted by E-Core and the Sustainability Committee of the USG, the regular meetings of the Academic Senate Sustainability Committee, and monthly events as posted on the USC Sustainability website.

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Implement sustainable behavior programming in Housing	COMPLETED	COMPLETED	COMPLETED	No programs extant prior to 2014	USC Housing launched the compost program at Parkside Apartments and a water conservation campaign (signage, outreach, shower timers) in fall 2015. Other projects: lucid dashboards/energy conservation competition (spring 2016) and Sustainable Living Apartment Building at Cardinal n Gold which started fall 2016. The Eco-Rep program was also started Fall 2016.
2. Establish campuses as sustainability living laboratories	50%	IN-PROGRESS			
Connect courses + research to campus projects	25%	IN-PROGRESS	50%	No enterprise-wide programs extant in 2014.	OoS provides info about campus sustainability efforts to faculty upon inquiry on an ad hoc basis.
Expand access to students and faculty access to raw utility information	25%	IN-PROGRESS	50%	No enterprise-wide programs extant in 2014.	Pilot program with FMS in FY17 on solar power. Second pilot with CCD on Village Sustainability metrics in FY18. FY19 projects under evaluation.
Expand student-run Green Engagement Fund (\$25k)	COMPLETED	COMPLETED	COMPLETED	No program extant prior to 2014.	2018: ESA created + filled new GEF Director position, offering application available online at sustainability. website for first time.
3. Engage broader community in sustainability practices	8%	IN-PROGRESS		No enterprise-wide programs extant in 2014	See above and below.
Foster local gov't partnerships	25%	IN-PROGRESS	75%	No enterprise-wide programs extant in 2014	2018: USC joining the LADWP 100% renewable energy committee, working with LACI on Center for Sustainability Solutions initiative. USC Sustainability has joined the mayor's committee on Resilience.website for first time.
Develop Urban Sustainability Extension	0%	NOT STARTED	25%	No enterprise-wide programs extant in 2014	
Develop Sustainability Alumni Network	0%	NOT STARTED	25%	No enterprise-wide programs extant in 2014	

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1. Reduce GHG emissions per sq ft by 20% from 2014 levels	25%	IN-PROGRESS	COMPLETED		
Track + report greenhouse gas emissions	COMPLETED	COMPLETED	COMPLETED	2014 Metrics	USC's 1st GHG survey was completed spring 2018. GHG surveys will be completed on an annual basis beginning in 2020
Implement a Climate Action Plan	0%	NOT STARTED	25%	None	USC will create its 1st climate action plan to be completed in 2020 and launched in 2021.
2. Captitalize on energy risks and opportunities	69%	IN-PROGRESS			
Reduce financial risk of utility costs via conservation	50%	IN-PROGRESS	75%	2014 Metrics	3 EE projects approved March 2018: in+outdoor LED retrofit, HVAC automation + building recommissioning (est \$10.2M) Construction schedule is TBD as of 8/10/18.
Reduce financial risk of utility costs via renewable energy generation	COMPLETED	COMPLETED	COMPLETED	2014 Metrics	USC Housing installation of solar panels completed summer 2017, operational May 2018.
Exceed CA EE standards in new construction	COMPLETED	COMPLETED	COMPLETED	None	USC has constructed 5 buildings certified LEED Gold. New campus building construction is either LEED Silver (uncertified since LA City requirements already meet this standard due to LAGBC adherence) or Gold if funded by building donor.
Create Green Revolving Fund	25%	IN-PROGRESS	50%	No program extant prior	GRF proposal draft in the draft/approval process and will be submitted for approval by CFO fall 2018

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1. Reduce # of SOVs traveling to/from campuses	COMPLETED	COMPLETED	COMPLETED	2014 AQMD Survey Results = 56% drive alone, 6% Carpool, 7% Rail, 3% Walk, 6% Bus, 0.12%EV	
Augment commuter data for benchmarks	COMPLETED	IN-PROGRESS	COMPLETED	AQMD Survey Results	
Adopt bike plan addressing connectivity, safety + storage	50%	IN-PROGRESS	75%	No program extant prior. DPS Run program	Campus-wide ped/bike plan proposal due to President Nikias summer 2018. DPS to continue Operation of Bike Program
2. Increase student, faculty + staff participation in alt transpo programs	COMPLETED	COMPLETED	COMPLETED	General info made available via TDM department	Enhancements to the Mobility Management program will commence Fall Semester with a Single Platform data collection website for all rideshare initiatives
Increase communication about transpo programs	COMPLETED	COMPLETED	COMPLETED	No program extant prior	Enhancements to the Mobility Management program will commence Fall Semester with a Single Platform data collection website for all rideshare initiatives
Include info about alt transpo choices at orientation	COMPLETED	COMPLETED	COMPLETED	No program extant prior	Currently being done at summer Freshman orientations

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1. Purchase 10% of food from sustainable sources by 2017, 20% by 2020 Develop metrics for sustainable food sources + measure progress	COMPLETED COMPLETED	COMPLETED COMPLETED	COMPLETED	No program extant prior	USC Hospitality has met/exceeded this goal (37% in April 2018) USC Hospitality has met/exceeded this goal (37% in April 2018)
2. Engage 75% of departments + offices in responsible purchasing practices by 2020	25%	IN-PROGRESS	50%	No program extant prior	Funding approved, consultant engaged to design program.
Implement 50% minimum post-consumer cut sheet paper purchasing policy	25%	IN-PROGRESS	COMPLETED	No program extant prior	Project Renewal approved central purchasing of paper products, will included this requirement. No implemented timeline established
Office Depot: implement sustainable shipping program + green items online page	0%	NOT STARTED	25%	No program extant prior	
Revise purchasing + waste procedures to incorporate campus surplus	0%	NOT STARTED	25%	No program extant prior	
Enroll departments + offices in a Green Purchasing Commitment	0%	NOT STARTED	25%	No program extant prior	These 5 programs are due to begin design phase in 2019 and to be completed by the end of the calendar year 2020.
Specify preferred vendors with sustainable purchasing + disposal practices	0%	NOT STARTED	25%	No program extant prior	
Create "Responsible Purchasing" in Trojan Learn for new employees + distribute to existing employees	0%	NOT STARTED	25%	No program extant prior	
Work with on-campus retailers and Food Services to reduce costs + waste	25%	IN-PROGRESS	75%	No program extant prior	Hospitality/Res Dining launched a program in 2018 to give consumable food waste to charity; will launch a ZW program in FY19 to be completed by 2020.

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1. Achieve 75% waste diversion levels	50%	IN-PROGRESS			installation of 19 submeters approved in 2018. Replacement of all water fixtures will be completed by 2020.
Develop University-wide integrated waste management plan by 2016	50%	IN-PROGRESS	COMPLETED	Hospitality/Res Dining launched a program in 2018 to give consumable food waste to charity; will launch a ZW program in FY19 to be completed by 2020.	4 phase rollout, scheduled completion 2019
Review metrics + standards for waste audits	COMPLETED	COMPLETED	COMPLETED	One prior audit was conducted in 2016-17 for the Sustainability 2020 program proposal.	1st baseline waste audit completed in 2017. Beginning fall 2018, FMS will conduct regular/ongoing waste audits, including all campus bins, at least once a week to ensure compliance with city mandate and to ensure correct disposal of the recyclables and compostables. Additionally, FMS will conduct annual or semi-annual "waste characterizations," which require the hauler/or auditor to "dumpster dive" and report percentages of each waste stream.
Evaluate waste management companies	COMPLETED	COMPLETED	COMPLETED	Athens Waste Management	

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2. Increase education about waste reduction/recycling, + expand diversion/recycling programs	75%	IN-PROGRESS	COMPLETED		
Create educational campaigns about waste reduction/recycling for all stakeholders	50%	IN-PROGRESS	COMPLETED		Comprehensive waste management engagement program launched fall 2018, beginning in the Orientation Issue of the DT, 50+ flt screens throughout campus, and to be continued in the spring and ongoing
Improve recycling program by increasing/-standardizing waste bins via Housing pilot program	75%	IN-PROGRESS	COMPLETED		Indoor recycling bins project fully-funded and 1/2 deployed (2 of 4 deployment phases). Outdoor bin project will be funded and deployed in FY19. UV outside bins Summer 2018
Develop campus-wide composting program	25%	NOT STARTED	50%	No program extant prior.	Coliseum composting since 2016. Res Dining food composting pilot launching Fall 2018. Campus-wide composting program dependent on waste hauler capability (Republic currently cannot accommodate)
Increase education about methods to reduce waste	50%	IN-PROGRESS	COMPLETED		Comprehensive waste management engagement program launched fall 2018, beginning in the Orientation Issue of the DT, 50+ flt screens throughout campus, and to be continued in the spring and ongoing
Apply recycling policy to demolition + construction programs, implement waste policies in new construction	COMPLETED	COMPLETED	COMPLETED		This is currently the standard operating procedure for all CCD, FMS, and USC Housing construction projects.

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1. Decrease potable water use 10% by 2017, 25% by 2020	50%	IN PROGRESS	50%	2014 metrics	Low-flow water fixtures will be installed on all non-public sinks and showers by 2020. However, the city's delay on installing the recycled water feed to USC will push the completion of this goal out to 2023 (est.) Installation of 19 water sub-meters on the UPC campus will be completed in 2019.
Expand metering on UPC + HSC buildings	50%	IN PROGRESS	80%	2014 metrics	Installation of 19 zone water meters on the UPC campus will be completed by 2020. Phase 1 begins April 2019. Phase 2 begins July 2019.
Prioritize mitigation strategies by cost, effectiveness (gallons/dollars)	COMPLETED	COMPLETE	COMPLETED	2014 metrics	Standard practice for every FMS and CCD construction project on both campuses. Project-by-project evaluations on file.
2. Increase awareness of water conservation practices	25%	NOT STARTED	COMPLETED	2014 metrics	
Develop + implement awareness campaign	25%	IN PROGRESS	COMPLETED	2014 metrics	UPC water conservation end-user behavior modification campaign to begin spring 2019 and ongoing.
3. Implement educational campaigns to modify behavior + increase conservation	25%	IN PROGRESS	COMPLETED	2014 metrics	
Create conservation campaigns targeted to all stakeholders	25%	IN PROGRESS	COMPLETED	2014 metrics	UPC water conservation end-user behavior modification campaign to begin spring 2019 and ongoing.
Increase water conservation messages in Higher Education	25%	NOT STARTED	COMPLETED	2014 metrics	UPC water conservation end-user behavior modification campaign to begin spring 2019 and ongoing.