

Las Positas CAP Update

Presented by WSP USA

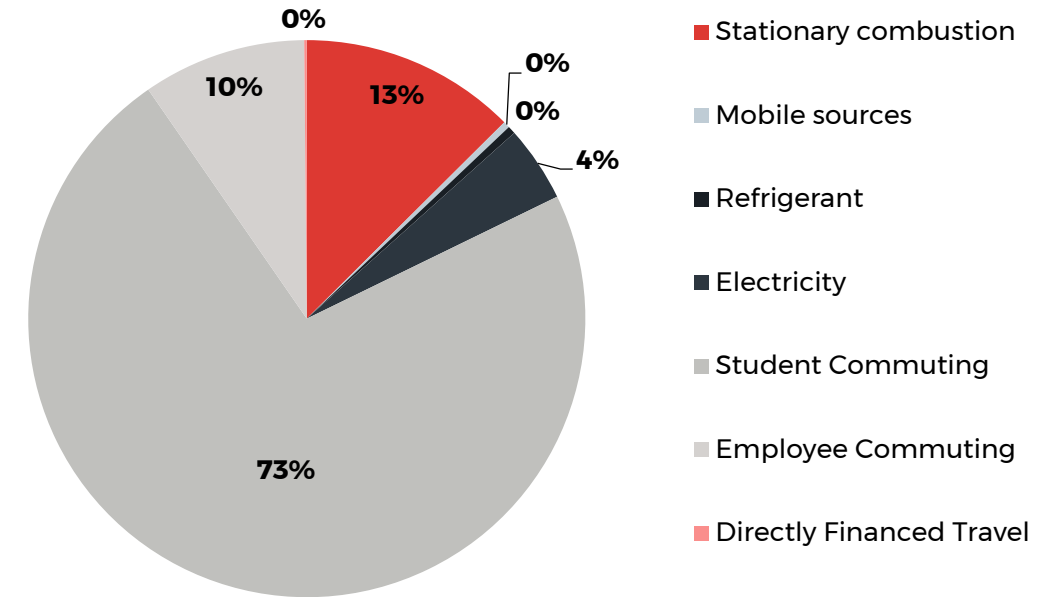
April 22, 2019



GHG Inventory Results: Las Positas

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Scope	2017 (Metric tons CO2e)
Scope 1 (Emissions from on-site fuels: natural gas)	1,582
Scope 2 (Emissions from purchased electricity)	556
Scope 3 Travel	19
Scope 3 Student Commuting	9,150
Scope 3 Employee Commuting	1,196
Total Scope 1 and 2	2,242
Total Scope 3	10,364
Total Emissions	12,606

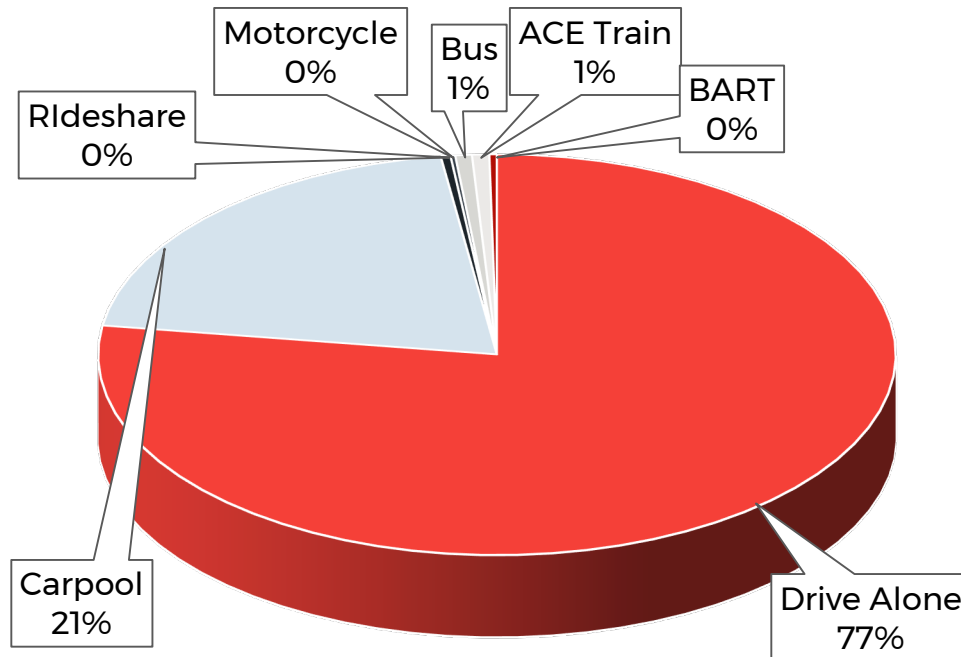


- Totals emissions for the previous CAP were 9,100 MT.
- The largest source of emissions is student commuting which represents 73% of all emissions.
- Las Positas campus SF has increased 14% from 309,184 SF in 2009 to 459,142 SF in 2017. Student population increased by roughly 13%.
- Scope 1 emissions account for 12% of total emissions.
 - No natural gas data were reported in 2009.
- Purchased electricity emissions represents only 4% of total emissions. Solar PV installations have resulted in a **83% decrease** in Scope 2 emissions.

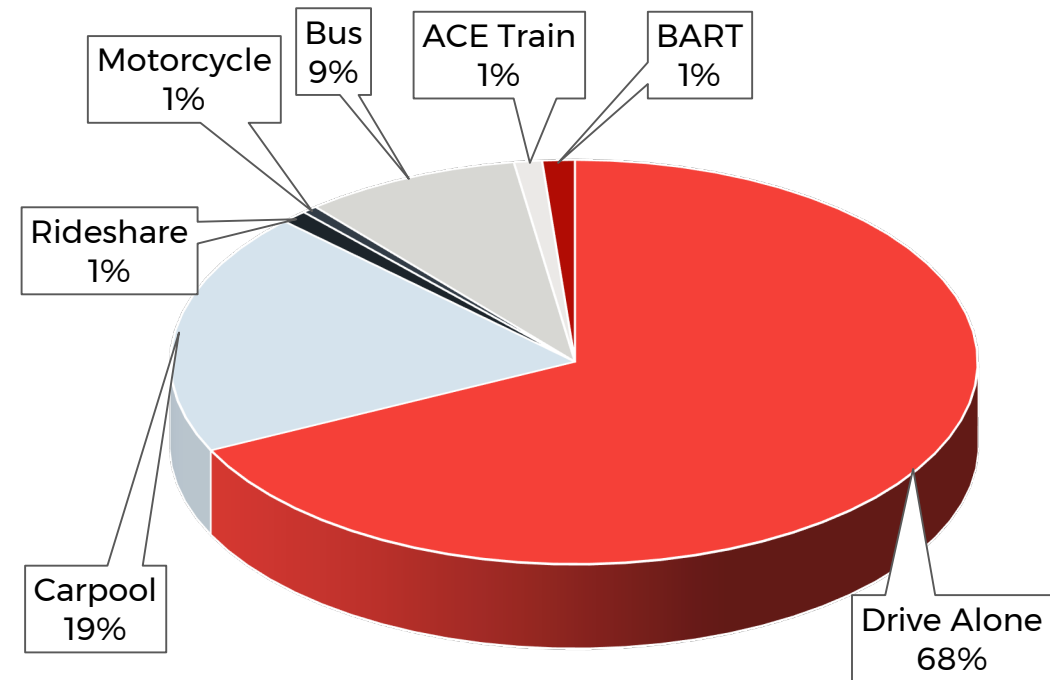
Las Positas Student Commuting GHG Emissions

Student commuting represent 73% of all Las Positas emissions

Percent Emissions by Travel Mode



Percent Students by Travel Mode



Progress since 2010

- What projects and initiatives have been implemented since 2010 that reduce greenhouse gas emissions?
- What achievements should be highlighted in the updated Climate Action Plan report?

Looking forward 5 - 10 years

- What opportunities exist to further reduce emissions over the next 5-10 years?
- What should be the campus's top priorities?

Employee Feedback: Incentives for Alternative Commuting

Listed in order of preference / popularity

Category	Strategies
Schedule flexibility	<ul style="list-style-type: none">▪ Telecommuting option▪ Later start time for classes▪ Compressed workweek option (ie. four 10-hour days)
“Last mile” support	<ul style="list-style-type: none">▪ Direct shuttle connector between BART station and campus
Bicycling infrastructure	<ul style="list-style-type: none">▪ Safer and better connected bicycle paths that lead into campus▪ Bike lockers and secure storage areas▪ Showers and changing rooms for bicycle commuters▪ Bicycle repair stations with supplies (tools, pumps)
Financial support	<ul style="list-style-type: none">▪ BART fare subsidy, ACE train discount, bus fare discount, transportation tax credit
Electric vehicle stations	<ul style="list-style-type: none">▪ More EV charging stations▪ Guarantee that EV charging stations will remain free to use
Carpooling	<ul style="list-style-type: none">▪ Connecting to carpool options▪ Guaranteed parking for carpool vehicles

Thanks!

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