



Caltrans®

Strategic Management Plan

2015-2020

Goal 3: Sustainability, Livability and Economy

Strategic Objectives	Performance Measures	Targets
<p>PEOPLE: Improve the quality of life for all Californians by providing mobility choice, increasing accessibility to all modes of transportation and creating transportation corridors not only for conveyance of people, goods, and services, but also as livable public spaces.</p>	<p>Percentage increase of non-auto modes for:</p> <ul style="list-style-type: none"> • Bicycle • Pedestrian • Transit 	<p>By 2020, increase non-auto modes:</p> <ul style="list-style-type: none"> • Triple bicycle; • Double pedestrian; and • Double transit. <p>(2010-12 California Household Travel survey is baseline.)</p>
<p>PLANET: Reduce environmental impacts from the transportation system with emphasis on supporting a statewide reduction of greenhouse gas emissions to achieve 80% below 1990 levels by 2050.</p>	<p>Per capita vehicle miles traveled.</p>	<p>By 2020, achieve 15% reduction (3% per year) of statewide per capita VMT relative to 2010 levels reported by District.</p>
	<p>Percent reduction of transportation system-related air pollution for:</p> <ul style="list-style-type: none"> • Greenhouse gas (GHG) emissions • Criteria pollutant emissions 	<ul style="list-style-type: none"> • 15% reduction (from 2010 levels) of GHG to achieve 1990 levels by 2020. • 85% reduction (from 2000 levels) in diesel particulate matter emissions statewide by 2020. • 80% reduction (from 2010 levels) in NOx emissions in South Coast Air Basin by 2023.
	<p>Percent reduction of pollutants from Caltrans design, construction, operation, and maintenance of transportation infrastructure and building for:</p> <ul style="list-style-type: none"> • Greenhouse gas (GHG) emissions • Criteria air emissions • Water pollution 	<p>By 2020, reduce Caltrans' internal operational pollutants by District from 2010 levels (from planning, project delivery, construction, operations, maintenance, equipment, and buildings) including:</p> <ul style="list-style-type: none"> • 15% reduction by 2015 and 20% reduction by 2020 of Caltrans' GHG emissions per EO-B-18-12. • 10% reduction in water pollutants.
<p>PROSPERITY: Improve economic prosperity of the State and local communities through a resilient and integrated transportation system.</p>	<p>Freight system competitiveness, transportation system efficiency, return on transportation investment.</p>	<p>By 2020, 10% increase in freight system efficiency.</p>

See Appendix for all strategic objectives, performance measures, and targets.

Goal 3: Sustainability, Livability and Economy

“Make long-lasting, smart mobility decisions that improve the environment, support a vibrant economy, and build communities, not sprawl.”

Strategic Objectives	Performance Measures	Targets
<p>PEOPLE: Improve the quality of life for all Californians by providing mobility choice, increasing accessibility to all modes of transportation and creating transportation corridors not only for conveyance of people, goods, and services, but also as livable public spaces.</p>	<p>Percentage increase of non-auto modes for:</p> <ul style="list-style-type: none"> • Bicycle • Pedestrian • Transit 	<p>By 2020, increase non-auto modes*:</p> <ul style="list-style-type: none"> • Triple bicycle; • Double pedestrian; and • Double transit. <p>(2010-12 California Household Travel survey is baseline.)</p>
	<p>Accessibility Score. (To be determined considering e.g., multi-modal transportation proximity to jobs, disadvantaged communities, housing services, transit-oriented communities, etc.)</p>	<p>By December 2016, develop and adopt Caltrans Accessibility Score.</p>
	<p>Livability Score. (To be determined considering, e.g., quality of life, noise, safety, localized emissions, environmental justice concerns, etc.)</p>	<p>By December 2016, develop and adopt Caltrans Livability Score.</p>
	<p>Percentage of top 25 priority corridor system master plans completed to enhance sustainability of transportation system. (Priority corridors to be determined considering: mobility, freight, highways, transit, rail, bike, pedestrian, aviation, etc.)</p>	<p>By 2017, complete corridor system plans for all State routes.</p> <p>By 2020, complete top 25 corridor system management plans.</p>
<p>PLANET: Reduce environmental impacts from the transportation system with emphasis on supporting a statewide reduction of greenhouse gas emissions to achieve 80% below 1990 levels by 2050.</p>	<p>Per capita vehicle miles traveled. (Reported statewide by District.)</p>	<p>By 2020, achieve 15% reduction (3% per year) of statewide per capita VMT relative to 2010 levels reported by District.</p>
	<p>Percent reduction of transportation system-related air pollution for:</p> <ul style="list-style-type: none"> • Greenhouse gas (GHG) emissions • Criteria pollutant emissions 	<p>15% reduction (from 2010 levels) of GHG to achieve 1990 levels by 2020.</p> <p>85% reduction (from 2000 levels) in diesel particulate matter emissions statewide by 2020.</p> <p>80% reduction (from 2010 levels) in NOx emissions in South Coast Air Basin by 2023.</p>

*These targets will be achieved through development and implementation of the Asset Management Plan, as required by SB 486 (Chapter 917, 2014)

Goal 3: Sustainability, Livability and Economy (continued)

Strategic Objectives	Performance Measures	Targets
<p>PLANET (Continued): Reduce environmental impacts from the transportation system with emphasis on supporting a statewide reduction of greenhouse gas emissions to achieve 80% below 1990 levels by 2050.</p>	<p>Percent reduction of pollutants from Caltrans design, construction, operation, and maintenance of transportation infrastructure and building for:</p> <ul style="list-style-type: none"> • Greenhouse gas (GHG) emissions • Criteria air emissions • Water pollution 	<p>By 2020, reduce Caltrans’ internal operational pollutants by District from 2010 levels (from planning, project delivery, construction, operations, maintenance, equipment, and buildings) including:</p> <ul style="list-style-type: none"> • 15% reduction by 2015 and 20% reduction by 2020 of Caltrans’ GHG emissions per EO-B-18-12. • 10% reduction in water pollutants. <p>By 2020, 85% reduction (from 2000 levels) in diesel particulate matter emissions statewide.</p> <p>By 2023, 80% reduction (from 2010 levels) in NOx emissions in South Coast Air Basin.</p>
	<p>Percent increase in transportation projects that include green infrastructure. Weighting mechanism to be developed.</p>	<p>By 2020, increase by 20% (5% per year) incorporating green infrastructure into transportation projects relative to 2010 levels.</p>
<p>PROSPERITY: Improve economic prosperity of the State and local communities through a resilient and integrated transportation system.</p>	<p>Prosperity score. Score to be determined considering, e.g., gross State/regional product, freight system competitiveness, transportation system efficiency, return on transportation investment, etc.</p>	<p>By 2016, develop and adopt Caltrans prosperity score.</p>
	<p>Freight System Efficiency. Improve freight system efficiency to enhance freight competitiveness and support a sustainable, low emissions freight system.</p>	<p>By 2020, 10% increase in freight system efficiency.</p>

Goal 3: Sustainability, Livability and Economy (continued)

Strategic Objectives	Performance Measures	Targets
<p>PROSPERITY (Continued): Improve economic prosperity of the State and local communities through a resilient and integrated transportation system.</p>	<p>Resiliency Score for:</p> <ul style="list-style-type: none"> • Climate change resiliency (e.g., vulnerability to flood, sea level rise, etc.) • System resiliency (e.g., adaptability from emergencies, disasters, etc.) • Financial resiliency (e.g., ensure funding considering maintenance, operations, modernization, disasters, financial stability, etc.) <p>Resiliency Score to be determined considering, e.g., asset management, emergency and risk management, climate change, sea level rise, vulnerability, adaptation, etc.)</p>	<p>By December 2017, develop and adopt Caltrans Resiliency Score.</p>
	<p>Reduction of resource consumption by:</p> <ul style="list-style-type: none"> • Reduction of materials taken to landfills (reduction of virgin materials used, reuse of existing materials for construction, recycling of building, construction, and roadside trash) • Reduction of potable water use 	<p>By 2020, reduce resource consumption from 2010 levels by District:</p> <ul style="list-style-type: none"> • 15% reduction of materials taken to landfills • 15% reduction of potable water use