

FISCAL YEAR 2016 ACTION ITEMS

The table below lists CDOT’s Fiscal Year 2016 Action Items, associated sustainability goal area(s), and Champion/Contact for each Action Item. The goal columns are broken down to demonstrate how the accomplishments support the CDOT Strategic Goal areas (Safety, Mobility and Accessibility, Economic Viability, Education, Ecosystems, Waste Generation, Resource Consumption, and Emissions and Air Quality) and the “State of Colorado Executive Order (EO)” Greening of State Government Resource Reduction Goal Areas (RRGAs) (Energy, Water, Petroleum, Greenhouse Gas (GHG), and Environmentally Preferable Purchasing (EPP)). Waste and Recycling Management is a primary directive in the EO, therefore “Waste” is also included in the State of Colorado EO column.

Action Item for Fiscal Year 2016	Goals		Champion/Contact
	State of Colorado EO	CDOT	
Annual Electronics Recycling - Host a collection event around Earth Day (April 22, 2016).	Energy, Waste	Ecosystems, Waste Generation, Resource Consumption	Sarah Mitchell sarah.mitchell@state.co.us (303) 757-9764
Solar in ROW program - Finalize the guidance document explaining the requirements for solar energy generation in CDOT ROW by Spring 2016.		Economic Viability, Resource Consumption, Emissions and Air Quality	Sarah Mitchell sarah.mitchell@state.co.us (303) 757-9764
Electric Vehicle (EV) Charging Station - Encourage the use of the two plug-in EVs at CDOT motor pool by introducing the HQ EV chargers and hosting an internal “show and tell” by Spring 2016.	Energy, Petroleum, GHG	Mobility and Accessibility, Economic Viability, Education, Resource Consumption, Emissions and Air Quality	Sarah Mitchell sarah.mitchell@state.co.us (303) 757-9764 and John Kreitner john.kreitner@state.co.us (303) 757-9653
Greening Government Leadership Council (GGLC) - Participate on statewide GGLC and subcommittees. Promote the new Greening of State Government Executive Order (EO) through the online sustainability training and public announcements/distributions. Educate and encourage CDOT staff as needed.	Energy, Water, Petroleum, EPP, GHG, Waste	Safety, Mobility and Accessibility, Economic Viability, Education, Ecosystems, Waste Generation, Resource	Sarah Mitchell sarah.mitchell@state.co.us (303) 757-9764

		Consumption, Emissions and Air Quality	
Sustainability On-Line Training - Develop on-line training class for CDOT staff by the end of FY2016.	Energy, Water, Petroleum, EPP, GHG, Waste	Safety, Mobility and Accessibility, Economic Viability, Education, Ecosystems, Waste Generation, Resource Consumption, Emissions and Air Quality	Sarah Mitchell sarah.mitchell@state.co.us (303) 757-9764
Sustainability in Roadway Design and Construction Pilots - Assess feasibility of utilizing guidance at this time.	Energy, Water, Petroleum, EPP, GHG, Waste	Safety, Mobility and Accessibility, Economic Viability, Education, Ecosystems, Waste Generation, Resource Consumption, Emissions and Air Quality	Sarah Mitchell sarah.mitchell@state.co.us (303) 757-9764
CDOC Solar Garden Installation - Document Logan County solar garden generation and CDOT electric cost avoidance. Complete true-up at end of Fiscal Year. Ongoing effort.		Economic Viability, Resource Consumption, Emissions and Air Quality	Sarah Mitchell sarah.mitchell@state.co.us (303) 757-9764
Electronic Data Interchange (EDI) Implementation and EnergyCAP Data Population - Continue to support the development of processes to comply with EO requirements by maintaining energy consumption data in EnergyCAP through electronic billing and manual entry into SAP. United Power will be converted to EDI in FY16.	EPP	Economic Viability, Education, Resource Consumption, Emissions and Air Quality	Sarah Mitchell sarah.mitchell@state.co.us (303) 757-9764 and Trellany Daviss trellany.daviss@state.co.us 303.757.9567
Tracking of Water Consumption - Continue to support the development of processes to comply with EO requirements by maintaining water consumption data in EnergyCap.	Water	Economic Viability, Education, Resource Consumption	Sarah Mitchell sarah.mitchell@state.co.us (303) 757-9764 and Trellany Daviss trellany.daviss@state.co.us 303.757.9567

<p>CDOT Statewide General Aviation (GA) Airport Sustainability Management Plan Program (including video) - Continue to support the program finalization and post links/info on the Sustainability webpage. Estimated completion Spring 2016.</p>	<p>Energy, Water, Petroleum, EPP, GHG, Waste</p>	<p>Safety, Mobility and Accessibility, Economic Viability, Education, Ecosystems, Waste Generation, Resource Consumption, Emissions and Air Quality</p>	<p>Sarah Mitchell sarah.mitchell@state.co.us (303) 757-9764</p>
<p>American Lung Association (ALA) Ride and Drive Event - Coordinate with ALA to research and potentially host an event in Colorado Springs where employees can view and drive various types of alternative fuel vehicles. Estimated completion potentially June 2016.</p>	<p>Energy, Petroleum, GHG</p>	<p>Mobility and Accessibility, Education, Emissions and Air Quality</p>	<p>Sarah Mitchell sarah.mitchell@state.co.us (303) 757-9764</p>
<p>CNG Project - Continue to administer the grants for the statewide CNG project with both CEO and RAQC. Participate in meetings with CEO and RAQC to monitor progress in this first year of the program. Assist with coordination with FHWA. Multi-year project.</p>	<p>Energy, Petroleum, GHG</p>	<p>Mobility and Accessibility, Education, Resource Consumption, Emissions and Air Quality</p>	<p>Michael King michael.king@state.co.us (303) 757-9997</p>
<p>CNG Fueling Training Video - Created the CNG Fueling Training Video to educate users on how to safely fuel compressed natural gas (CNG) vehicles found in the CDOT fleet.</p>	<p>Energy, Petroleum, GHG</p>	<p>Mobility and Accessibility, Education, Economic Viability, Resource Consumption, Emissions and Air Quality</p>	<p>Sarah Mitchell sarah.mitchell@state.co.us (303) 757-9764</p>
<p>Bike and Pedestrian Activities - Continue to support the development of bike and pedestrian as alternate modes of travel (EcoPass, Bike to Work Day/Month, etc.). Ongoing.</p>		<p>Mobility and Accessibility, Safety, Education, Resource Consumption, Emissions and Air Quality</p>	<p>Betsy Jacobsen betsy.jacobsen@state.co.us (303) 757-9982</p>
<p>As part of the Northern Colorado Bike and Ped Collaborative, CDOT is helping to coordinate and sponsor a one-day conference focusing on the linkages among active transportation, health, land use and the economy. More than 150 people are expected to</p>			

attend to hear presentations from nationally-known expert Mark Fenton, as well as Governor Hickenlooper, Executive Director Shailen Bhatt and others. The event is being held on November 5.			
Western Road Usage Charge Consortium (WRUCC) - Participate in a pooled fund research study investigating sustainable funding sources for DOTs. The WRUCC Steering Group has committed funding for five projects for the FY 16 work plan. An additional six projects under consideration are pending funding. Ongoing through FY17.		Economic Viability, Education, Resource Consumption	Debra Perkins-Smith debra.perkins-smith@state.co.us (303) 757-9525
Research and work to develop sustainability performance measures for CDOT, baselines, and methods for tracking. Ongoing.	To Be Determined	To Be Determined	Sarah Mitchell sarah.mitchell@state.co.us (303) 757-9764
Reclaimed Asphalt Pavement (RAP) - Continue to encourage the use of RAP on CDOT pavement projects and track volumes utilized. Ongoing.	Energy, Waste	Economic Viability, Resource Consumption, Emissions and Air Quality	Michael Stanford michael.stanford@state.co.us (303)398-6576
CNG and EV Roadway Signs - Complete the installation of CNG and potentially EV traveler service signs on CDOT interstates.	Energy, Petroleum, GHG	Mobility and Accessibility, Education, Resource Consumption, Emissions and Air Quality	Sarah Mitchell sarah.mitchell@state.co.us (303) 757-9764 and KC Matthews kc.matthews@state.co.us 303-757-9543
Colorado Climate Action Plan - CDOT will work with the State Transportation Advisory Commission to develop a stakeholder engagement process to take place over the next year. Completion by September 2016.	Energy, Petroleum, GHG, Waste	Economic Viability, Mobility and Accessibility, Education, Resource Consumption, Emissions and Air Quality	Sarah Mitchell sarah.mitchell@state.co.us (303) 757-9764
Refuel Colorado Fleets - Educate statewide fleets on alternative fuels and vehicle efficiencies. Ongoing.	Energy, Petroleum, GHG	Economic Viability, Education, Resource Consumption, Emissions and Air Quality	Sabrina Williams sabrina.williams@state.co.us 303-757-9257

Clean Air at School Engines Off (CASEO) - American Lung Association run program to encourage decreased idling pollutant emissions on school property. Program utilized as programmatic NEPA MSAT/GHG mitigation. Ongoing.	Energy, Petroleum, GHG	Education, Resource Consumption, Emissions and Air Quality	Rose Waldman Rose.Waldman@state.co.us (303) 757-9016
Particulate Matter 10 (PM10) Air Quality Excess Roadside Sand Cleanup Program - Per State Implementation Plan and the RAQC, maintain prescribed fugitive dust cleanup from winter storm operations (sand and deicer) in the Denver metro area. Ongoing.	GHG	Resource Consumption, Emissions and Air Quality	Sabrina Williams sabrina.williams@state.co.us 303-757-9257
Start-Stop Engine Technology - Testing on fleet F-150 trucks to minimize vehicle idling, decrease fuel consumption, and decrease emissions. Ongoing as long as Ford continues to offer it and State Fleet awards F150s. Anticipated full deployment November 2015, then monitoring of fuel economy will begin.	Energy, Petroleum, GHG	Economic Viability, Education, Resource Consumption, Emissions and Air Quality	John Kreitner john.kreitner@state.co.us (303) 757-9653
Auto Vehicle Locators - Testing to monitor CDOT light and heavy fleet vehicles to increase accountability, improve driving efficiencies (decrease idling and speeding), and assist with emergency preparedness and planning. Anticipated light fleet installation completed November 2015.	Energy, Petroleum, GHG	Economic Viability, Education, Resource Consumption, Emissions and Air Quality	Al Martinez alfonso.martinez@state.co.us (303) 512-5216
Zonar Fleet Management System - Pilot to require pre- and post- driving vehicle checks to increase vehicle performance and safety, reduce costs, and decrease emissions through regular maintenance monitoring. Current Zonar units planned to be installed by December 1 2015, to bring the total number of units purchased to 960 statewide. Zonar is applied only to CDOT's heavy fleet. Ongoing effort.	Energy, Petroleum, GHG	Economic Viability, Education, Resource Consumption, Emissions and Air Quality	Al Martinez alfonso.martinez@state.co.us (303) 512-5216
CDOT/CEO Anti-idling pilot - Part 1 establishes a baseline of petroleum consumption and emissions of all classes of CDOT vehicles while idling. Part 2 - recommendations of anti-idling measures for each class	Energy, Petroleum, GHG	Economic Viability, Mobility and Accessibility, Resource	John Kreitner john.kreitner@state.co.us (303) 757-9653

of vehicle. Install measures in spring, report on results by end of summer- by Energetics.		Consumption, Emissions and Air Quality	
Statewide Transportation Demand Management (TDM) Master Plan - new and ongoing 2016 effort.		Safety, Mobility and Accessibility, Economic Viability, Education, Emissions and Air Quality	Lisa Streisfeld lisa.streisfeld@state.co.us (303) 757-9876
Partnered with the City and County of Denver to complete DOT SmartCities application.		Safety, Mobility and Accessibility, Economic Viability, Education, Ecosystems, Waste Generation, Resource Consumption, Emissions and Air Quality	Amy Ford amy.ford@state.co.us (303) 757-9362 Even Dreyer Mayor's Office Deputy Chief of Staff