



# UTAH INLAND PORT AUTHORITY

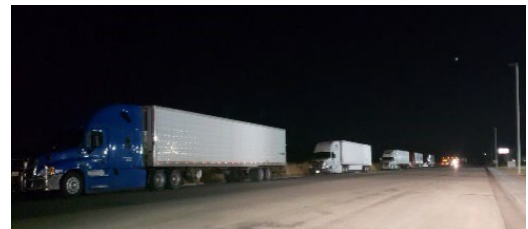
## Sustainability Report

March 2021

At the core of Utah Inland Port Authority’s mission is a commitment to promote sustainable, equitable, and smart logistics investment. To date, many of UIPA’s sustainability efforts have been focused on establishing partnerships and programs that look to future technology and innovation. With the addition in the last quarter of the agreement below, UIPA has 12 agreements and/or partnerships focused on sustainability.

Organization	UIPA Role	Focus Areas	Sustainability Goal
BGreen	Joint agreement	Clean diesel and alternative fuel pilot programs	Clean fuel solution research and testing

UIPA is also working to address a national issue that is particularly relevant within the Northwest Quadrant of Salt Lake County. Due to industrial development and growth over the last decade, unauthorized overnight truck parking frequently occurs on Salt Lake City side streets. Currently, there are few, if any, options for long-haul drivers to avoid idling to heat and cool the trucks as drivers take federally-mandated 9-hour breaks. This contributes to poor air quality and greenhouse gas emissions.



In partnership with Salt Lake City, UIPA has applied for federal grant money to build and operate an electrified truck parking facility that provides auxiliary power and fast charging infrastructure for future electric trucks. The result will be reduced emissions and congestion, as well as added safety for truck drivers, cargo, and our neighborhoods.

Project Evaluation						
Emission Reduction	<u>kg/day#</u>	<u>kg/year</u>	<u>tons/year</u>	Congestion Reduction	<u>Daily #</u>	<u>Annual</u>
PM2.5	1.698	619.76	0.68	VHT (Vehicle Hours Traveled)	1094.4	399,456
CO	110.953	40,497.75	44.65	VMT (Vehicle Miles Traveled)	0.0	0
NOx	158.527	57,862.30	63.80	Reduced Delay (Vehicle Hours)	1,094.4	399,456
VOC	9.470	3,456.39	3.81	(21.8% of VHT for trip reduction, 100% for traffic operations)		
PM10	1.845	673.28	0.74			
Total	<b>280.79</b>	<b>102,489.72</b>	<b>113.00</b>	Emissions Benefit/Cost		<b>849.6</b>
# annualized day: annual reduction/365				(Annual Kg of Emissions Reduced * Project Life / \$1,000 Spent)		