

Application Information	Description
Organization	Regional Transportation Commission of Southern Nevada
Primary Contact Name	Angela Brookins
Phone Number	702-676-1901
Email Address	BrookinsA@rtcshnv.com
Type of Application	Individual Applicant
Funding Request	\$15,972,454.45
Application Title	Carbon-Free Shared Mobility
Brief Description Of GHG Measures	<p>The GHG measures are part of the Carbon Free Shared Mobility Project, which has two key components: 1) transformation of the RTC bus fleet to rely substantially on liquid hydrogen, which will reduce carbon emissions from public transportation and improve air quality; 2) expansion of the RTC Bike Share program to improve first and last mile access to RTC's bus services, which will be served by the hydrogen-fueled bus fleet.</p> <p>RTC intends to expand the hydrogen fuel fleet by 5 buses and provide a hydrogen fueling skid that allows use of liquid hydrogen. Concurrently, RTC will expand the RTC Bike Share program to the Maryland Parkway corridor and UNLV to provide 275 e-bikes across 55 stations.</p>
Sectors	Transportation
Estimated cumulative GHG reductions for 2025-2030 (in metric tons)	768.21
Estimated cumulative GHG reductions from 2025-2050 (in metric tons)	7,296.44
City	Boulder City, Henderson, Las Vegas, and North Las Vegas
State; Territory; Federally recognized Tribe	Nevada
PCAP Lead Organization(s)	Clark County Department of Environmental and Sustainability
PCAP Title	Las Vegas-Henderson-Paradise MSA Priority Climate Action Plan
PCAP Website link	https://www.epa.gov/system/files/documents/2024-03/5d-98t73601-0-las-vegas-henderson-paradise-msa-priority-climate-action-plan.pdf
List of GHG reduction measures and PCAP page reference for each measure	<ol style="list-style-type: none"> 1. Hydrogen Fleet Transition - listed in PCAP P. 20 2. RTC Electric Bike Share Expansion - listed in PCAP P. 21