Albuquerque Metro Area Priority Climate Action Plan (PCAP) Draft Project List Deliverable 1 under the EPA's Climate Pollution Reduction Grant, led by the City of Albuquerque										
2021 Climate Action Plan Strategy	•	Brief Description		Amount of GHG reduction expected?	Funding Sources	Project Phase	Past/Ongoing Community Engagement	Meets J40? (At least 40% of the funding will benefit 1 or more EPA identified low-income/disadvantaged (LIDAC) communities?)	Which J40/LIDAC Communities?	Project Questions for the Community
Active Transportation and Transit Safety	San Pedro Bike Lanes	San Pedro Bike Lanes: From Bell Ave to Claremont. Restriping to add new bike lanes and upgrade signalized intersections as per scoping report. Full survey for intersection reconstruction at Menaul. Utility survey at Menaul and any location with new signs needed. Claremont Bike Blvd.: Implement bike Blvd. treatment on Claremont from Richmond to Moon. Includes improved crossing treatments at collectors/arterials. Full survey of Claremont Avenue/Carlisle Blvd intersection likely required as well as any other mid-block crossing locations that would be implementing improvements. Utility surveys would also be necessary to identify possible utility conflicts. Ensure existing traffic equipment can support addition of new signals (Rectangular Rapid Flashing Beacon/Pedestrian Hybrid Beacon ; RRFBs/PHBs) and investigate ROW at all midblock crossing locations: at San Mateo (PHB) with pedestrian island refuge, at San Pedro (RRFB), at Louisiana (PHB), at Pennsylvania (crosswalk markings), at Wyoming (PHB) with pedestrian island refuge in "Z" configuration. Continuing existing traffic calming striping pattern between Carlisle and San Pedro. Bike Blvd. signs. Add 10 traffic circles at locations identified in scoping report.	Municipal Department Valerie Hermanson	Annual reduction in vehicle emissions from new bike trips substituted for car trips (emissions are in grams): - Hydrocarbons: -114 - PM(2.5): -4 - CO2: -1,767 - NOX: -58 Over 30 years (in grams): - Hydrocarbons: -35,753 - PM(2.5): -120 - CO2: -53,010 - NOX: -1,755 Annual estimated reduction in vehicle emissions			 Project included as part of the City's 2015 Bikeway and Trail Facilities Plan. Unsure of specific outreach efforts. 2021 - Various GAATC meetings in which they discussed prioritizing bike gap projects and this project on their list. May 2023 - City presented about a feasibility study this project at GAATC. Meeting is open to the public and accepts public comment. 2023 Bikeway and Trail Facilities Plan Update - 5 outreach events in May 2023, 7 outreach events in Oct 2023, open survey Oct. 20 - Nov 30, 2023. Multiple public engagement events on 	Yes	San Pedro Bike Lanes: Part of corrido is in the International District. Portions meet LIDAC: 35001000903, 35001000904, 35001000501, 35001000604, Claremont Bike Blvd.: Portions meet LIDAC: 35001000208. Bel Air, Quigley Park, Vista Encantada, Classic Uptown, Sombra del Monte, Hoffmantown	
Isit	Rail Trail - Barelas Segment	with plazitas and other amenities. The trail will travel through the heart of Downtown, running through diverse and historic communities. The Rail Trail is both a recreational trail and a social equity infrastructure project that can increase green space in our historic communities, add safe pedestrian and cyclist infrastructure for both commuters and families. It will also uplift the cultural heritage of historic neighborhoods. The trail will be constructed in segments; this one-mile segment will connect Tiguex Park through Old Town to the BioPark. Barelas Segment: The City of Albuquerque has planned a 7-mile multi-use urban trail lined with plazitas and other amenities. The trail will travel through the heart of Downtown, running through diverse and historic communities. The Rail Trail is both a recreational trail and a social equity infrastructure project that can increase green space in our historic communities, add safe pedestrian and cyclist infrastructure for both commuters and families. It will also and uplift the cultural heritage of historic neighborhoods. The trail will be constructed in segments; through diverse and historic communities. The Rail Trail is both a recreational trail and a social equity infrastructure project that can increase green space in our historic communities, add safe pedestrian and cyclist infrastructure for both commuters and families. It will also and uplift the cultural heritage of historic neighborhoods. The trail will be constructed in segments; this one-mile segment will connect the Bosque Trail to the National Hispanic Cultural Center, through Barelas, and to the historic Rail Yards.	Metropolitan Redevelopment Agency Ciaran Lithgow	Annual estimated reduction in vehicle emissions from new bike trips substituted for car trips (emissions are in grams): - Hydrocarbons: -9,962 - PM(2.5): -349 - CO2: -154,418 - NOX: -5,113 Over 30 years (in grams): - Hydrocarbons: -298,873 - PM(2.5): -1,725 - CO2: -4,632,531 - NOX: -153,369	been funded by local contributions. The construction phase expected to be funded by a combination of capital outlay, local gross reciepts tax revenue, and possibly federal grants (esp. DOT and NPS).		alignment and design. Broad community engagement included input on design (2021 - 2022; multiple community meetings, neighborhood association meetings, and surveys generating over 600 public comments on the project). Hosted specific open houses for the Barelas alignment (28 attendees, Sept 2023) and the Old Town alignment (42 attendees, Nov 2023). Engagement will be ongoing as the project segments move closer to construction phase.		Bernco census tracts: 48, 14, 21	 Where do you work? Would you blke of wark to work if there were improved off-street walking/biking facilities? How will you use the trail? (Leisure, commuting, exercise; walking, biking, jogging, skateboarding, roller skating/blading) How do you think the Rail Trail might impact you and/or your community? What kind of events would you like to see along the trail? (Examples: farmers markets, movie nights, concerts, exercise classes)
Transit Access and Investment		The Joint Development project will be developed on a 2-acre portion of a 3-acre block. This project will fund architectural, engineering, permitting, right-of-way, and reconstruction of an existing 25-foot wide bus platform with an approximately 110 feet-wide transit plaza located on America's Parkway, between Uptown Boulevard NE and Indian School Road NE. The transit plaza will include approximately 6 bus docks with protected waiting areas, signage, security features, lighting, 34 at grade parking spaces, two levels of underground parking with approximately 368 parking spaces, as well as 215 affordable housing dwelling units, 19 market rate dwelling units, and 17,000 SF of entertainment, retail, and banking uses. Uptown Connect will provide low-income housing, which when combined with high-frequency transit service, will allow residents to reduce their combined housing and transportation costs. Residents will have access to many jobs and services without needing a vehicle. Housing, employment, and transit in close proximity has the best chance of reducing the overall	Transit Department Carrie Barkhurst	As a result of the reduced number of vehicles that are owned per household, the project will result in a reduction of 955,188 Vehicle Miles Traveled (VMTs) per year, in relation to what a similar development with less frequent transit service would have generated. This works out to a collective savings of \$547,128 per year in auto ownership costs for the residents, and 382 metric tons of CO2 gas reduced per year.		Planning Phase: Almost fully implemented	Topic covered in the 2021 Climate Action Plan formation; 2023 CAP Implementation community engagement meeting	Yes	Census Tract 35001000207 a Justice 40 HDC	Would you be more likely to use transit or visit the Uptown Transit Center (at the end of the ART line) if there were restaurants and shopping amenities? Would you be interested in living in an apartment in the Uptown Center at a location with convenient access to retail, entertainment, and transit? Is this a good location for affordable housing?
ccess and nt / Vehicle s Reduction	Yale Operations and Maintenance Facility Upgrade - Electrification of Fleet Infrastructure CABQ Zero Emissions Bus Deployment	an upgrade. This will include adding infrastructure to support the City goal for a zero emission fleet by 2040. Battery Electric Bus and/or Hydrogen Fuel Cell Battery Bus infrastructructure will be included in site improvements to support zero emission fleet. Zero E. Bus Project: ABQ RIDE has received 1 grant to purchase battery electric buses to replace buses that have exceeded their useful life, along with depot chargers and their installation. The grant supports purchase of 20 electric buses, which represents 12% of the full size bus fleet. We are aiming to eventually provide an entirely low or no emission vehicle fleet, including 163 full size buses, 84 paratransit vans, and various support vehicles. As a larger proportion of the fleet is converted to low or no emission vehicles, the GHG reduction	Transit Department/Energy & Sustainability Department/Transit Department/ Chris Payton/ Saif Ismail/ Chris Payton	Yale Project: TBD Zero E. Bus Project: Deploying the zero-emission buses in place of the existing vehicles will reduce ABQ Ride's fleet emissions by approximately 3,000 tons of greenhouse gases each year. In addition, the project will prevent the release of 89.5 lbs particulate matter under 10 micrometers (PM10) annually, 81.5 lbs of which is fine particulate matter (PM2.5), which has a considerable health impact on the local	FTA Formula Funds, 2019-2023 Low or No Emission Bus Program (over \$18 million awarded), and local GO Bonds	Contract awarded and begun for Facility Needs Assessment and Schematic Concept Plan Development FTA Formula Funds, 2019-2023 Low or No Emission Bus Program (over \$18 million awarded), and local GO Bonds	Topic covered in the 2021 Climate Action Plan formation; 2023 CAP Implementation community engagement meeting	Yale Project: Yes Zero E. Bus Project: Yes	Yale Project: The Yale facility is located in the same tract as Kirtland Addition and the community south of UNM between I-40 and Girard Blvd. Zero E. Bus Project: Replacing fleet vehicles across various City Departments would support low-income/disadvantaged communities throughout the city.	
		will proportionally increase. Install DC Fast Chargers downtown and at Route 66 Visitors Center at Central & I-40	Bernalillo County Technical Services Department Richard Meadows	<u>community.</u> 2,000 metric tons COx annually	CFI, NEVI, PNM, NMDOT	Planning	Met with Downtown MainStreet and West Central Development Group	Yes	Downtown Albuquerque, Southwest Mesa	Would your neighborhood benefit from installing trees/plants in basins that capture stormwater along streets? Why or why not? With available federal and state incentives, are
	City Fleet Vehicles with Electric Fleet Vehicles across Multiple City Departments	Vehicles are the largest contributor of hazardous air pollutants, including local government vehicles that are critical to delivering a wide variety of basic services to its citizens. Government agencies around the country are transitioning their fleets to electric vehicles and seeing the environmental and economic benefits of doing so, including major operational savings over time. This grant funding request should complement the City's Vehicle Acquisition Policy and Procedures Administrative Instruction 4-3 that prioritizes electric vehicle acquisition. This grant funding request also aligns with the City's Reduced Emission Light and Heavy-Duty City Vehicles Executive Instruction 34.	City Council/General Services	200 metric tons of CO2 per year (estimate generated by General Services Department)	The General Services Department uses CIP/GO Bond funding to purchase fleet replacement vehicles for various Departments (1 ton and under), but these are typically not for EV vehicles. Other Departments like ACS are purchasing electric vehicles, but using different funding sources for these. There is currently no other source of funding that is specifically for EV fleet replacement vehicles.		Clean vehicles was a topic covered in community engagement for the 2021 Climate Action Plan formation	Yes	Replacing fleet vehicles across various City Departments would support LIDAC communities throughout the city.	you considering buying an EV?
tion	ZEVs Convert rental car shuttle	The Aviation Department is in the initial phases of converting it's vehicle fleet to Zero Emission Vehicles. The Aviation Department is in the initial phases of converting it's rental car shuttle bus fleet to Zero Emission Vehicles.	City of Albuquerque Aviation Department Alex Schroeder	TBD	FAA / Aviation Dept	was awarded an FAA grant to procure 4 EV pickups. These trucks should be available next year.	2023 CAP Implementation community engagement meeting		Part of the Albuquerque Sunport is located in the same tract as Kirtland Addition and the community south of UNM between I-40 and Girard Blvd.	
Ш (charging stations around	The Aviation Department is in the design phase of installing 18 EV chargers around the Sunport; with 2 of those chargers slated for DE II. The chargers are a mix between Level 2 and Level 3, depending on their location.	City of Albuquerque Aviation Department Alex Schroeder	TBD	NMDOT / Aviation Dept		I Topic covered in the 2021 Climate Action Plan formation		Part of the Albuquerque Sunport is located in the same tract as Kirtland Addition and the community south of UNM between I-40 and Girard Blvd.	
	Centers (Northwest, Far East,	As we transition to an all electric bus and van fleet, we will need additional on-route charging capability at end points of routes. As our fleet is converted to low or now emission vehicles, the GHG reduction will proportionally increase.		200 metric tons of CO2 per year (estimate generated by General Services Department)	Potential future Low or No Emission Grants	chargers. Planning	Topic covered in the 2021 Climate Action Plan formation	Yes	Replacing fleet vehicles across various City Departments would support low-income/disadvantaged	s
5	Transit Department Paratransit Vehicles with Electric Vehicles	The Transit Department has 84 Gasoline Powered Paratransit Vehicles to support ADA Complementary Paratransit Service to City residents. In an effort to achieve a zero emission fleet by 2040, these vehicles will need to be replaced with zero emission vehicles. This grant funding request should complement the City's Vehicle Acquisition Policy and Procedures Administrative Instruction 4-3 that prioritizes electric vehicle acquisition. This grant funding request also aligns with the City's Reduced Emission Light and Heavy-Duty City Vehicles Executive Instruction 34.	Transit Department	200 metric tons of CO2 per year (estimate generated by General Services Department)	FTA Formula Funds for replacement of gasoline engines vehicles; difference between gasoline and electric will need to be funded with additional funds not determined	Planning	Topic covered in the 2021 Climate Action Plan formation; 2023 CAP Implementation community engagement meeting	Yes	communities throughout the city. Replacing fleet vehicles across various City Departments would support low-income/disadvantaged communities throughout the city.	S
	Electrification of APS Bus	The proposed project is to build/install an electric bus charging system at each depot, and systematically replace diesel buses with electric coaches, either in phases, or all at once with proper funding. The project will also include maintenance equipment and training for the District's bus mechanics.	Albuquerque Public Schools Tony Sparks	TBD	None identified yet	Early Stages of Implementation	Topic covered in the 2021 Climate Action Plan formation	Covers multiple sectors	Citywide. The Albuquerque Public School system serves communities across the City, including LIDAC communities, such as the Internationa District and the South Valley.	1
	every APS High School	As a starting point for a comprehensive EV charging plan at all APS schools, the District proposes a project to build/install EV charging (4-6 ports) at all 12 high school campuses. This gives equitable distribution throughout the community, and sets the groundwork for eventual EV charging at all 145 school sites.	Albuquerque Public Schools Tony Sparks	TBD	None identified yet	Planning	Topic covered in the 2021 Climate Action Plan formation	Covers multiple sectors	Citywide. The Albuquerque Public School system serves communities across the City, including LIDAC communities, such as the Internationa District and the South Valley.	1
for				Savings reports are compiled at the end of each project phase	Funds appropriated by City Council, and IGA savings	Already established	Topic covered in the 2021 Climate Action Plan formation:	Yes	International District, south valley.	
nent	Bernalillo County Community	free energy audits, and develop retrofit plans to create significant energy savings, increasing safety and comfort for homeowners. Community liaisons assist homeowners throughout the process, and the range of home upgrades can include window and door replacements, insulation and heating, and cooling system replacements. EV charging stations, solar PV canopy installations, and energy efficiency improvements at eight different Bernalillo County community centers. Each center would receive a publicly accessible EV charging station and infrastructure. Two facilities will receive solar PV installations. Four facilities will also receive LED lighting upgrades, building envelope sealing work, water conservation upgrades to plumbing fixtures, Wi-Fi smart thermostats, HVAC upgrades, destratification fans, and window improvements.	Fleet and Facilities Management Brian Bonanno	Energy efficiency improvements at the four community centers are estimated to bring 273,949 lb. CO2 reduction in the first year after installation. While GHG reductions from planned charging infrastructure are not estimated yet the infrastructure will enable more EVs to potentially operate within BernCo communities by providing fast, convenient, and reliable charging	source is not determined yet, but will be decided at December 10th Commission meeting	Early Stages of implementation and construction coordination	2022 CAP Implementation community engagement meeting Topic covered in the 2021 Climate Action Plan formation	Yes	South Valley, Mountain View, Tijeras, Westside,	
Build	efficiency project	systems. These building systems include HVAC, roofing, and LED lighting retrofits.	City of Albuquerque Energy and Sustainability Office / Transit	TBD	Not identified yet.		Topic covered in the 2021 Climate Action Plan formation; 2022 CAP Implementation community	Yale EE Project: Not directly. The		
e Cree	Maintenance Facility Upgrade - Energy Efficiency for Green Buildings Electricity Generation and	The primary focus of this Fleet Transition Plan is the Ken Sanchez Transit Station. By adding	City of Albuquerque	TBD	Not identified yet.	Initial Planning	Engagement meeting Topic covered in the 2021 Climate Action	Yale Facility is located in tract 35001001200, which is a J40 tract. Not directly	Yale EE Project: The Yale Facility is located in the community just south of UNM.	Would your community benefit from the installation
	Transit Station	additional solar and battery to the existing 465 kW array and 222 kWh storage, the Transit Station would be able to easily support 15 new electric busses with 300 kWh capacity. This transition would take a major step towards electrifying the City's 60 public transit busses.					Plan formation; There has not been any community engagement related to these projects as of yet.		increases EV buses, and better air quality in the LIDAC communities those buses serve; specific communities, TBD	of public facing electric vehicle charging stations? Would your local community center benefit from the installation new energy efficient heating/cooling and electric systems? Would your community center benefit from solar PV shade structures in the parking areas?
	Materials Managemen		City of Albuquerque	Up to 16 MTCO2E/year/site	None secured yet. Options;	Planning	CE for the 2021 CAP that created multiple	Unsure	Yes, sites in EJ tracts will be	Are there any other sites in the Albuquerque
	Systems	This project will expand the current network of 3 community compost systems in the metro area, which serve the immediate community, to include at least 1 in each council district. The compost will be used on local soils, where it will augment local urban agriculture		er to wit OOLL/yeai/Sile	None secured yet. Options; NMED RAID grant; EPA REO or SWIFR; USDA CFWR		CE for the 2021 CAP that created multiple community-scale composting (infrastructure and education) strategies. NM Compost Coalition feedback and pilot project. In-person outreach to ID and SV areas to gauge interest (spring 2023). Current sites were requested by site champions (LIDAC community members).		,	Are there any other sites in the Albuquerque metro area that would like community composting infrastructure and tools (signs, training materials, guidance document) for getting started? (Note: each site needs a champion who will lead coordination.)
b loi	Residential and Restaurant programs	Residential: Outreach to help residents prevent food waste, which can result in savings of up to \$1,500 per year for a 4-person household, and to reduce food waste that is generated, through educational materials, tools, etc. This project is based on successful work by Denver and others with the help of NRDC. Restaurant: (1) Periodic workshops (free for chefs from local restaurants) focused on demonstrate how to reduce/prevent food waste in the kitchen by utilizing local foods and fully utilizing ingredients (a root-to-shoot or nose-to-tail approach). (2) technical assistance to local, small restaurants that supports each restaurants' waste prevention/reduction needs,	Sustainability Office Sandra West	Residential: 0.15 MTCO2E per person per year multiplied by the number of people reached. Restaurant: 18.26 MTCO2E during the 1-year project	Grant possibilities: EPA REO (Recycling Education and Outreach)? NRDC, other federal food waste focused grants Pursing City match for the restaurant portion.	Planning	2021 Climate Action Plan formation; feedback from community-based and informed organizations, continuing community feedback and input.	Yes	Downtown, International District, South Valley	 h Residential: Please weigh in and help shape the project! This effort, which includes a physical toolkit and educational materials, along with digital resources, can be focused where it is most wanted (ideally solely in LIDAC communities). Restaurant: Where would you like this effort focused? Example: a specific community or group in a community.
Recycling, Waste Reduction and Composting	Parks and Rec Green Waste Management	which can include sharing knowledge and other resources about practices, donation and food rescue abilities, composting, etc.	Parks and Recreation Department	Repurposing green waste that comes thought the city greenhouse can be tracked by the reduction of green waste sent to / picked up by solid waste department from facility.	PRD has some funds, but would use funds allocated through CPRG for further implementation.	Planning	Topic covered in the 2021 Climate Action Plan formation;	Yes	PRD works in all LMI communities within the city.	Would you prefer it to be a resource available in a specific location (like food pantries) rather than distributed to a specific community?
ning ts in tline unities	Tree Inventory	nventory data. Increasing this data within public-owned properties such as street medians and other city-owned facilities. This data can also be used to model air quality improvements,	Parks and Recreation Department	GHG reduction can be evaluated in multiple was	•	Fully Implemented, Scalable	Topic covered in the 2021 Climate Action Plan formation;	Yes	PRD's tree planting efforts cover all LMI communities within the city, with increased focus on heat mitigation areas, which cover the major LIDAC	
s anc	South Valley Street Tree & G Green Stormwater & G Infrastructure	stormwater uptake, and carbon capture and sequestering. Trees inventoried around buildings can be used to run energy-saving models tree provided by shading permanent structures. (TreePlotter map: https://pg-cloud.com/CABQ/) This project will install street trees in green stormwater infrastructure (GSI) (e.g. bioswales and rain gardens) in the public right-of-way in Albuquerque South Valley neighborhoods. In alignment with Climate Pollution Reduction Grant goals, the project will sequester carbon and reduce greenhouse gas emissions, and benefit a community that is low-income and disadvantaged by improving stormwater quality, reducing flooding, creating shade and mitigating urban heat island effect, creating wildlife habitat, calming traffic, and supporting neighborhood cohesion. The County is currently conducting a GIS analysis that will identify	Bernalillo County Water Conservation and Stormwater Quality Programs Megan Marsee	 ~32,000 lbs of CO2 sequestered and 13,200 lbs CO2 emissions reduction due to microclimate mitigation for every 10 trees planted over 30 years. [Based on average values for native and arid-adapted trees per i-Tree Planting tool.] 	GIS analysis funded by BernCo w/ County environmental gross receipts tax funding	Planning	Topic covered in the 2021 Climate Action Plan formation; None to date on the project	Yes	areas, which cover the major LIDAC communities in the metro area (within the City limits and in the South Valley) South Valley - Low-income/disadvantaged census tracts are (8 total): 35001002300, 35001004401, 35001004300, 35001004502, 35001004501, 35001004001, 35001004604, 35001004602. Census tracts that are	Would your neighborhood benefit from installing trees/plants in basins that capture stormwater along streets? Why or why not?