EXHIBIT A

SUMMARY CHART OF ALL PROPOSALS

Cy Pres Recipient	Project Name	Program Description	Total (all projects)	Project Duration
Carnegie Mellon - Scott Institute for Energy Innovation	Generating Policy Guidance by Studying the relationships between Vehicle Electrification, Drive Train Technology, and Consumer Behavior via a complex multi-attribute optimization model	Research project spearheaded by the Scott Institute for Energy Innovation at Carnegie Mellon, focused on understanding the complex factors that drive mass adoption of electric and fuel cell vehicles. Through the Policy Guidance project, at least one full time graduate student, several principle investigators, and a postdoctoral scholar will focus on each of the following subjects and the relationships between them: (1) United States consumer behavior & choice for battery and fuel cell-based vehicles and what factors influence these patterns; (2) Manufacturing supply chain and market for current and future battery based and Fuel Cell based electric drive drain components; and (3) Infrastructure challenges and opportunities associated with the wide implementation of battery- and fuel-cell powered vehicles. Based on this research, the team will then design and implement a model to show the relationships between consumer choice, electric vehicle use, and overall environmental impact, and issue specific policy and technology recommendations that result.	$ 1,000,000	3 years
Central California Asthma Collaborative	SEP - Filtration Of Wildfire Smoke in Elementary Schools (FOWSES)	Supplemental Environmental Project ("SEP") identified by CARB.** The Central California Asthma Collaborative proposes a research project to compare the effectiveness of moderate and high efficiency air filters in 5 different school environments in Sanger rural and urban areas. Indoor PM2.5 levels will be compared in intervention and non-intervention classrooms, particularly when outdoor PM2.5 concentrations are high due to wildfire smoke or relevant other factors. **CARB receives and vets proposals for supplemental environmental projects (“SEPs”) from third party organizations. In general, these SEPs benefit air quality by reducing emissions, reducing exposure to air pollution, or preventing future air quality violations, and directly benefit communities that are most disproportionately impacted by air pollution. Several SEPs, including these Central California Asthma Collaborative projects, are included as proposed recipients of the cy pres funds.	$ 54,500.80	Various
Central California Asthma Collaborative	SEP - Children's Health and Outdoor Activities Restrictions in Fresno, Kern, and Tulare County Schools (CHOAR-F), (CHOAR-K), (CHOAR-T)	SEP identified by CARB. Central California Asthma Collaborative intends to 1) compare outdoor PM2.5 levels in disadvantaged rural communities vs. urban PM2.5 monitors in Fresno, Kern, and Tulare counties, 2) assess student outdoor activity restrictions relative to local PM2.5 levels and RAAN (Real Time Air Advisory Network) PM2.5-related alerts, and 3) assess student health at school relative to PM2.5 levels.	$ 170,844.00	1 year
Central California Asthma Collaborative	SEP - Minimizing Asthma Triggers in the Home and School (MATHS)	SEP identified by CARB. Central California Asthma Collaborative proposes to provide higher efficiency HVAC filters to 14 elementary schools, intended to reduce the levels of potential asthma triggers all the classroom. Low cost monitors will be installed in classrooms selected as samples for indoor monitoring. A second component to this project consists on the implementation of Asthma Impact Model program, which will provide children and their families with the tools to control and prevent asthma episodes.	$ 113,073.75	1 year

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Central California Asthma Collaborative	SEP - Asthma Impact Models for Madera, Merced, San Joaquin, and Tulare Counties	SEP identified by CARB. Central California Asthma Collaborative proposes to expand the Asthma Impact Model (AIM) and include a total of 50 low-income clients in each of four counties: Madera, Merced, San Joaquin, and Tulare. The AIM program includes 1) a home assessment 2) asthma education 3) home remediation 4) receive a formal asthma diagnosis 5) see a primary care physician about their asthma and 6) follow-up on proper medication usage.	$ 316,309.24	1 year
Central Valley Air Quality Coalition	SEP - Reconciling SJVAP Banking to Protect Public Health and Advance EJ	SEP identified by CARB. Central Valley Air Quality Coalition proposes a project to build capacity and engage the public in decision making processes with the SJVAPCD ERC banking system. SEP implementation will include workshops, trainings, and other supportive activities to educate and engage advocates and community members on the ERC banking system in the SJV.	$ 124,818.00	2 years
Cornell University	(1) Fuel Cell Development; (2) Advanced Battery Technology	Two projects led by Prof. Hector Abruna in the Department of Chemistry and Chemical Biology: **Fuel Cell Development:** Fuel cells represent one of the most attractive technologies for the generation of electricity from chemical fuels. Hydrogen (H2) fuel cells can transform the chemical energy in hydrogen (and other fuels) directly into electricity with an energy efficiency two to three times higher than that of internal combustion engines. This project will expand experimental facilities where the synthesis of fuel cell materials could be scaled up and tested at scale and in devices that would be commercially relevant, starting first with building infrastructure and second on garnering public awareness with "living laboratory" demonstrations (**$5.3M**) **Advanced Battery Technology**:Rechargeable batteries are one of the most promising energy storage technologies. They have the potential to dramatically alter the energy landscape by enabling the integration of renewable energy sources, this project would establish experimental facilities where the synthesis of materials for batteries could be expanded and tested at scale and in devices that would be commercially relevant. The proposal builds off Cornell's significant advances in battery research with the goal to combine advances into a full battery system. **($3M)**	$ 8,300,000	5 years
Del Amo Action Committee	SEP - Community Outreach, Education, and Planning	SEP identified by CARB. Del Amo Action Committee proposes a project to address problems reported by residents in Del Amo Superfund site area in Los Angeles. The project is organized in two modules: Module 1, Community Health Fair held in the community where the superfund site is located. Module 2, Environmental and Community Specific Plan Stakeholder Group consist on implementation of the plan and is expected to aid in reducing future emissions and provide training and air pollution awareness to community members.	$ 60,000.00	1 year

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El Sol Neighborhood Educational Center	SEP - Environmental Education and Health Connections + High Desert Environmental Education and Health Connections	SEP identified by CARB. El Sol Neighborhood Educational Center proposes to continue and expand ongoing SEP in Coachella Valley region and educate community residents about preventive habits and inform them about environmental related diseases. Proposed activities include: a) Assessments of home environment and remediation, b) Training and education effective ways to address unhealthy living conditions, c) Screening for risk factors and respiratory illness, d) Referrals to health professionals, and e) Case management and follow up by Community Health Workers to continue management of respiratory illness. The second project, SEP expansion into the High Desert, includes the implementation of a community-based and community-driven outreach and education on respiratory health. The expansion includes education on acute respiratory infections (ARI) through the use of Community Health Workers-CHWs, (also known as Promotores de Salud). El Sol will educate community residents about preventative habits and inform them about environmental diseases (e.g. soil, water, air) affecting the Eastern Coachella Valley. New activities in the proposed expansion include: a) assessments of the home environment and remediation, as needed, b) hands-on training and education on safe and effective ways to address unhealthy living conditions, c) screening for risk factors and respiratory illness, d) referrals to health professionals, and e) case management by CHWs to improve continued management of respiratory illness, as needed.	$ 1,283,567.00	3 years
Georgia Institute of Technology	Net Zero Freight Systems Program: Net Zero Freight Grand Challenge	Funding to synergize and grow Georgia Tech's programs in greenhouse gas emissions reduction and remediation, under the Net Zero Freight Systems Program. Freight systems are one of the most challenging systems to decarbonize. The Net Zero Freight Systems Program is developing the solution pathways for a resilient freight system with zero greenhouse gas emissions, much lower environmental impacts, and much greater societal benefit than today's system. The proposal covers research by faculty and graduate student teams, with the overarching goal is to support the U.S. southeast, and the nation, in reaching net zero emissions from freight transportation and logistics by the year 2050. Through this project, Georgia Tech proposes to simultaneously address Freight Emissions Technology and Freight Systems Design. (Technology addresses the fuels and vehicles, while Design addresses the effectiveness of material movement systems).	$ 2,900,000	3 years

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Groundwork USA	Advancing Climate Resilience Action	Three funding opportunities: Strengthening Climate Safe Neighborhoods Partnership: organize, mobilize, and effect systems to address inequities in vulnerability to the climate crisis; fund would support at least one large-scale resilience project in each of nine communities. ($4,000,000) Expanding Climate Safe Neighborhood Program: enable the participation of a new community in the Climate Safe Neighborhoods Partnership including the hiring of a coordinator for this community, analysis of climate vulnerabilities, and development and implementation of engagement and mitigation strategies. ($1,250,000) Emergent Environmental Action Fund: support requests from trusts to implement greenspace resilience projects and/or to further support their existing environmental programming. ($1,750,000)	$ 7,000,000	3 years
La Jolla Band of Luiseno Indians	SEP - La Jolla Air Monitoring and Community Reporting Project	SEP identified by CARB. This project will provide funding to purchase the necessary equipment for reporting the ozone and PM2.5 Air Quality Index (AQI) value to the tribal community in real-time. According to applicant current ozone monitoring network in SD County does not represent ozone measured on the Reservation.	$ 41,000.00	3 months+
Manylabs, Inc.	SEP - Air Quality Network for San Francisco Eastern Neighborhoods	SEP identified by CARB. Many Labs in collaboration with San Francisco Air Quality Project will build on existing operation of a PM and VOC monitoring network. The SEP proposal encompasses technical initiatives, ongoing community and professional activities, and the presentation of sensor data.	$ 198,242.00	2 years

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Massachusetts Institute of Technology	Four research projects, housed in of Earth, Atmospheric & Planetary Science and Mechanical Engineering departments	Carbon Sequestration by Mineralization: promote the much-needed collaboration between geophysicists and geochemists to address the complexities of carbon capture and storage, improve laboratory infrastructure suitable for studying carbon capture and storage, and train several PhD students and post-doctoral researchers for future careers in the fields of negative emissions technologies and global carbon sequestration. **($900K)** Alkali-swing electrochemical CO2 reactor: explore a technology concept that can re-shape how CO2 is managed from point of emissions to downstream conversion or storage. This proposed electrochemical technology aims to address the significant shortfalls in today's CO2 capture and conversion processes, project will enable proof-of-concept and technology development needed to establish a larger effort and attract additional outside funding to expand research on direct capture-conversion. (**$900K)** Efficient production of solar fuels via thermochemical H2O/CO2 co-reduction using redox cycles: support would enable significant progress towards the production and utilization of green alternative fuels for decarbonizing difficult to decarbonize sectors such industry, long haul transportation, and process heat, using renewable energy and CO2. (**$1M**) Developing Carbon-Neutral Aluminum/Cellulose Fuels for Clean Energy Conversion: aim to develop a novel composite of aluminum and cellulose as a carbon-neutral fuel. **($1M)**	$3,800,000	3 years
NYU School of Law - Institute for Policy Integrity	Supporting Strong Environmental Safeguards	The Institute for Policy Integrity is a non-partisan think tank and advocacy organization dedicated to improving the quality of government decision making. Policy Integrity intends to help shape key environmental policy debates by contributing economic and legal analysis on such topics as the proper consideration of greenhouse gas impacts, modernization of energy regulations, and methods to account for climate-related financial risk. Funds will cover general support for projects that fall under the umbrella of "supporting strong environmental safeguards." To this end, proposal to hire new staff members and expand programming on the following subjects: • Economic analysis of the transportation and energy sectors • Energy market modeling • Analysis of distributional effects and environmental justice • Monetizing new categories of regulatory benefits	$ 5,000,000	4 years
Public Education Foundation	Expanding eLabs to Broaden Hands-On Environmental Education	PEF's eLabs are designed to expose students to rich learning opportunities in environmental education, remediation, and engineering through hands-on engagements with advanced manufacturing and rapid prototyping equipment. Funding would provide the comprehensive support necessary to effectively embed eLabs in 34 schools, providing approximately 25,000 more students access to innovative learning in eLabs in public schools. These digital fabrication labs are integrated into K-12 schools where specially trained teachers blend advanced manufacturing and physical computing technology (like 3D printers, laser cutters, and CNC machines) with environmental education concepts (like sustainability and waste reduction) to empower students to solve complex problems.	$ 5,321,000	3 years

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Strategic Energy Innovations	SEP - SEI Air Quality Education Program - San Diego	SEP identified by CARB. This air quality youth education program aims to support teacher training, instruction, and supply air quality education kits for middle school and high school students to measure local air pollution levels, learn about the impact of air pollution on human health and the environment, and understand how to create solutions to reduce air pollution sources.	$ 211,152.00	8 months
Texas A&M - Energy Institute	Carbon Capture, Utilization and Storage Research Fund	Three projects included: Energy Institute: Carbon Capture, Utilization and Storage Research Fund: enable and catalyze research collaborations to generate new technologies and perform policy analyses towards improving the production, distribution, and consumption of fossil-based and non-fossil energy sources. (**$1M**) Dean's Environmental Sustainability + Carbon Capture Excellence Fund: funding provides discretionary support for strategic initiatives related to Engineering Department's commitment to environmental sustainability, including CO2 capture and the development of technology to reduce future CO2 emissions. Gifts may be used to enhance or expand the college's teaching, research and public service roles or to help pursue new opportunities and address strategic priorities, including the top-tier research of faculty members. **($500K)** Environmental Sustainability + Carbon Capture Undergraduate Research Scholars: undergraduate research scholars program focused on outstanding students who have completed their sophomore years and are interested in contributing to ongoing faculty research related to sustainability and carbon capture. Funding will provide a $5,000 grant to the selected student and $5,000 to support his or her assigned faculty mentor and their research efforts **($250K)**	$ 1,750,000	3 years+
The EV Charging Expansion Project Environmental Remediation Trust	EV Charging Expansion Project	The EV Charging Expansion Project will help improve the electric vehicle public charging infrastructure by installing electric vehicle chargers at a variety of highly visible locations across the county. These AC electric vehicle chargers can be used with any electric vehicle that accepts a standard J1772 plug, and will be Porsche-branded. The EV Charging Expansion Project will enable electric vehicle owners the ability to charge their vehicles while going about the business of their day to day lives, while increasing the awareness of both the convenience and everyday drivability of all battery electric vehicles, including electric vehicles owned or leased by settlement class members and the public at large. As far as geographic prioritization, this Project will focus on the Northeast and Southeast first and then work westward. This is because the Northeast is burdened with a lack of stations and has a higher number of multi-family dwellings where home charging is often not feasible. While there are fewer electric vehicles currently in use in the South, this Project can help to develop and support the market for electric vehicles in that region. The EV Charging Expansion Project will have a dedicated Project Management Team responsible for managing, overseeing, and supporting all aspects of the Project. No cy pres funds allocated to the Project will revert back to Porsche.	$ 7,500,000	Permanent

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University of California Berkeley	Advancing clean transportation & enhancing climate equity	Joint proposal from the Center for Law, Energy & the Environment (CLEE) and the Environmental Law Clinic (ELC) at UC Berkeley School of Law, with three projects: Accelerating diffusion of public EV charging in underserved communities: will craft policies and test deployment strategies to facilitate rapid expansion of electric vehicle charging infrastructure in underserved communities in California. (**$1M**) Eliminating diesel emissions, greening California's electric grid, and protecting consumers in the clean-energy transition: expand project docket at the Environmental Law Clinic through partnerships with low-income levgal service providers and additional collaboration and convening space for CLEE, ELC, and project collaborators. Sub-grants or other remuneration to envinromental justice and community organization partners. (**$2M**) Training the next generation of environmental advocates: targets institutional support for core programmatic activities for environmental law students and an early career research and teaching position on social justice and the environment, aimed to help diversify the field of academic researchers in this space. (**$2M**)	$ 5,000,000	3 years
University of California Los Angeles	Opportunities to remediate carbon for improved air quality	Four initiatives undertaken by cross-disciplinary UCLA teams as solutions in carbon dioxide remediation and improved air quality. UCLA Institute for Carbon Management: funding to to accelerate progress on an emerging technology that utilizes seawater to reduce accumulation of atmospheric CO2 (**$1.5M**) Pilot project to reduce emissions from heavy-duty trucks: create a project to demonstrate a Smart Charging Regional Network at a pilot scale that ensures truck drivers and fleet operators receive adequate electric fuel to serve their delivery needs, while maximizing use of local renewable energy sources and minimizing regional emissions (**$2M**) Air quality equity for vulnerable communities: program for zero emissions community zones; grant will target Southern California's most vulnerable communities and the creation of a replicable roadmap for establishing zero-emissions zones throughout North America. (**$1M**) Provision of renewable energy in all weather conditions: renewable solar and wind electricity production requires storage of the electricityproduced during the day in a form that can be used at night. This proposal would address intermittent electricity problem of sustainable energy like wind and solar (i.e. how to store solar and wind power for later use) (**$1M)**	$ 5,500,000	3 years
University of Illinois Urbana	Institute for Sustainability, Energy, and Environment (iSEE)	Targets opportunities in agriculture for sequestering carbon in soil, and providing low carbon biofuels that can displace oil for transportation. Funds would establish an Initiative to develop the analytics, technologies and carbon pricing models needed to implement Low Carbon Fuel Markets. Amount would support up to five faculty and research scientists from across the University to conduct research on the carbon mitigation benefits of low carbon fuels and effectively translate the science into practice and policy.	$ 1,000,000	3 years

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University of Miami School of Law	Environmental Law Program and Environmental Justice Clinic	Joint programs to sustain and expand the Environmental Justice Clinic and Environmental Law Program at Miami Law. This support will enhance Miami Law'sefforts to create systemic change, engage in innovative interdisciplinary research, and advocate for environmental impacts on a local and global scale. For the Environmental Justice Clinic: increased staff and financial and operational resources will enable the EJC to fulfill its mission and take its advocacy and teaching to the next level. Cy pres funding would also launch a nationwide search for a Clinic Director with a proven track record in innovative community-based legal work. For the Environmental Law Program: fund cutting-edge interdisciplinary environmental research by students, post-docs,and faculty; student participation in global climate negotiations; a new public, globally broadcast lecture and guest-speaker series; and expanded course offerings available to students and practitioners.	$ 1,000,000	5 years
University of Southern California	Three projects by the USC Dornsife College of Letters, Arts and Sciences and the USE Energy Institute	USC Energy Institute: In the State of California, there are more than 5000 orphaned oil and gas wells and an upward of 37,000 idle wells. This project would recondition idle and abandoned oil and gas wells to create subsurface energy storage systems for renewable power sources. The main goal of this innovative project is to prove the concept and gain the interest of electric utility companies as they consider solutions for the storage of renewable energies. **($3.113M)** Microbial Greenhouse Gas Consumption Research Center: to establish a research center at USC with the goal of identifying, growing, and optimizing new microbes capable of efficient conversion of greenhouse gases to innocuous waste products. **($3M)** Expanding the Urban Canopy for More Resilient Cities: The overarching theme is that urban trees can help to mitigate air pollution and urban CO2 emissions and provide cooling to largely underserved communities. Trees are the most cost-effective way to mitigate the impacts of climate change and the heat island effect. A proposal at this level, in partnership with the City of LA, will study the need for trees, plant, and maintain 700 new trees in 2022.**($2.7)**	$ 8,813,000	3 years+
University of Virginia	Real-World Solutions for Climate Restoration: Connecting Research to Action	Convene interdisciplinary teams in engineering, environmental science, data science, land-use/urban planning, law, public policy, economics, and environmental justice to focus on specific aspects of carbon reduction in Virginia—nature-based approaches, technology advances, economic and equity issues, policy and legal analysis, and social behavior and decision making. Specifically, it will entail a multi pronged project focused on providing: data on the potential for carbon removal that will match the needs of leaders and policy-makers at the state and local level in Virginia; a web-based mapping tool to help them visualize and understand the data for their locale; information to help them understand the potential social, economic, and political obstacles to different approaches; and policy options and analysis to help them craft realistic solutions for their communities. The resulting project will be the first state-level tool to combine the scientific, economic, and policy perspectives needed to understand the feasibility and scale of carbon-removal strategies to inform policy and land-use decisions.	$ 1,550,000	2 years

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University of Wisconsin Madison - Nelson Institute for Environmental Studies	Climate Change Mitigation and the Nelson Institute	Will focus on two areas in decarbonization: conservation of standing carbon stocks and attention to emissions and air quality. Land Use, Forestry, and Tree and Soil Carbon: expand the scope of monitoring and managing forest carbon stocks, as well as those related to land uses in the US where real progress must be made in the next twenty years (e.g., carbon sequestration in agricultural soils) **($350K)** Air Quality, Health, and Decarbonization: by linking climate solutions with local, immediate, public health concerns, air quality serves as a bridge between global solutions for the future climate and local, "now" concerns facing communities. For example, how many fewer asthma attacks would occur if 50% of cars were plug-in electric vehicles? Proposed funds would expand work from the Midwest to other U.S. regions **($350K)**	$ 700,000	2 years
Vanderbilt University	Uptake and Effects of Electric Vehicles in the Southeast	Two projects to conduct policy research regarding barriers to wider Electric Vehicle adoption in Nashville and the Southeast Project 1: Health Effects of Electric Vehicles: identify the specific types of human health risks that can be avoided by replacing fossil fuel vehicles with EVs (e.g., buses, trucks, cars, and motorcycles) in Davidson County (Nashville, Tennessee). More specifically, the funded research will examine how electrifying transportation will reduce air pollutant emissions from each major type of vehicle, how those emissions reductions will reduce exposure to air pollutants, and how reduced exposure will affect health outcomes in Nashville **($750K)** Project 2: Uptake of EVs in a Polarized Region: with the increasing political polarization in the US, many types of beliefs and behavior are strongly influenced by worldview or identity. Prof. Vandenbergh's research team will examine the drivers of support for the uptake and use of EVs among populations with large numbers in the Southeast, including rural, suburban, and inner-city communities. **($250K)**	$ 1,000,000	3 years
Washington Unified School District	SEP - Saving the Lives of West Fresno Middle School Students by replacing HVAC units	SEP identified by CARB. Washington Unified School District proposes to install 35 new HVAC units at West Fresno Middle School. Current HVAC units are old, inefficient and potentially incompatible with air filtration systems. New units will be able to increase recirculation in classroom air. In addition, AB617 resources are expected to fund a second phase to these projects, allowing the installation of air filtration systems to reduce exposure to PM2.5	$ 728,460.00	9 months
West Oakland Environmental Indicators Project	SEP - Adapt Oakland: Greening Prescott	SEP identified by CARB. WOEIP proposes to pilot a vegetated buffer along the residential-freeway interface of the Prescott neighborhood in West Oakland. This proposal builds off of a planning phase completed in 2019-2020, and will further develop site specific freeway vegetated strategies and designs. WOEIP will collaborate with city officials to permit the buffers and develop a stewardship model for urban green infrastructure that integrates job training/development.	$ 650,000.00	3 years

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Yale University	Establish a Natural Carbon Solutions Fund	Establish a Natural Carbon Solutions Fund, divided into current-use funds (**$1M**) for immediate, high-impact research and an endowment (**$4M**) to provide sustained support for natural carbon solutions research. Endowment funds will be deployed from the Provost's Office to support Yale's scientists and engineers across multiple disciplines to discover transformative and scalable alternatives for renewable energy; advance carbon capture and storage strategies to remove CO2 from our atmosphere; and utilize captured CO2 in fuels, building materials, and industrial and consumer products.	$ 5,000,000	Permanent