



## TRUCKEE TAHOE AIRPORT DISTRICT BOARD OF DIRECTORS STAFF REPORT

**AGENDA TITLE:** Climate Transformation Alliance (CTA) Accelerator Project Seed Funding

**MEETING DATE:** Wednesday, April 26, 2023

**PRESENTED BY:** Robb Etnyre, General Manager

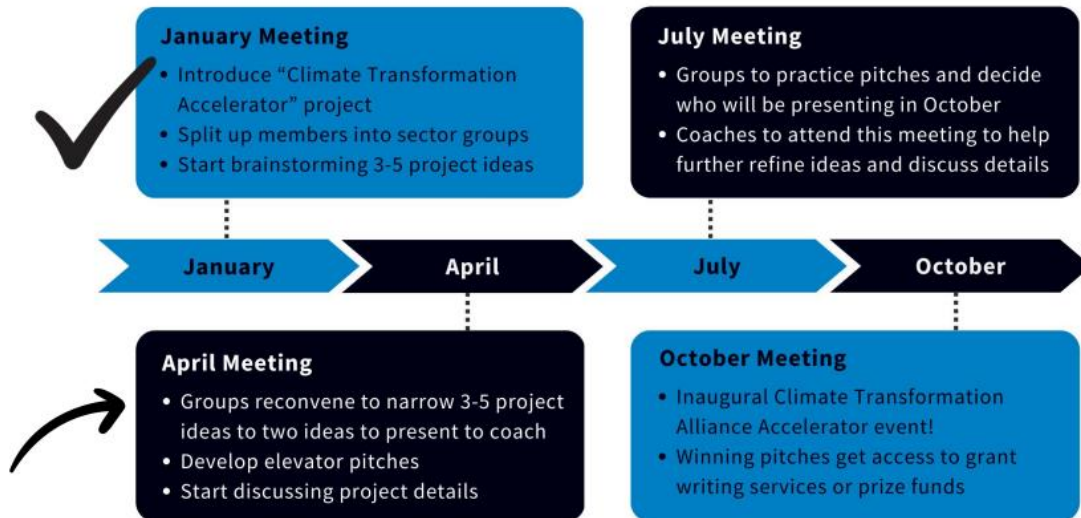
**RECOMMENDED ACTION:** Staff is requesting Truckee Tahoe Airport District (TTAD) Board approval seed funding for the Climate Transformation Alliance Accelerator Project(s) as part of the Truckee Tahoe Airport District Community Sponsorship (Policy Instruction 311) program and commitment to greenhouse gas emission reductions for our community.

**DISCUSSION:** The Truckee Tahoe Airport District is a founding member of the Climate Transformation Alliance (CTA) - June 2022, along with the Town of Truckee and the Truckee Donner Public Utility District, all in partnership with the Sierra Business Council.

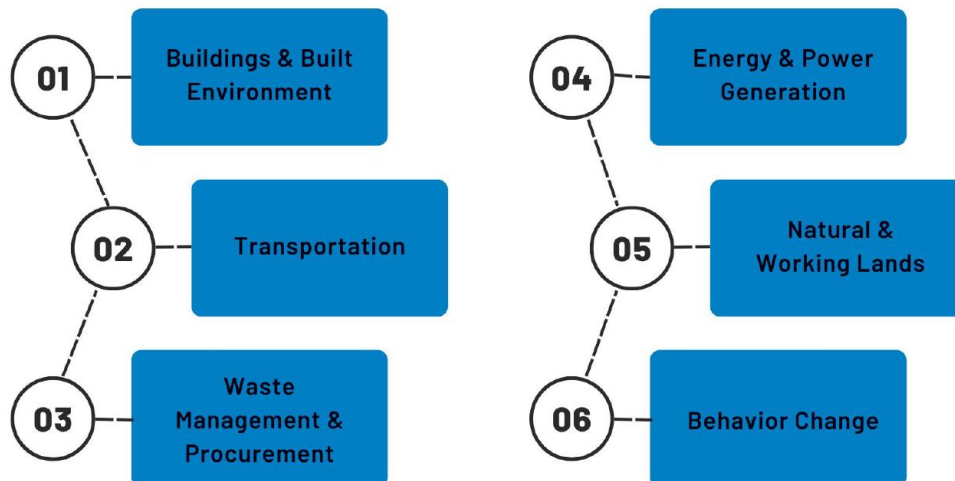
“The Founding Members who have endorsed the Charter hereby establish the Climate Transformation Alliance (CTA). The CTA is a regional public private partnership of local governments, special districts, community organizations, businesses, and individuals. The CTA is committed to the development of local policy and initiatives that will promote the resilience of the community and its physical and social infrastructure systems to climate and disaster risks, reduce net greenhouse gas (GHG) emissions, and thereby advance the sustainable economic development of our region.”

The CTA is developing several programs and projects to address the goals of the CTA – reduce net greenhouse gas emissions. Aside from the advancement of several projects, like the Building Decarbonization Program (addressed in the CTA Update, Item 11 on the Agenda), CTA is working with the members of the group to develop several programs which address the immediate needs of the community as recommended by members of CTA as accelerator programs. The chart below identifies the process for CTA accelerator projects. Seed funding is being sought to help develop plans to implement the final concepts developed and approved by the CTA.

# Climate Transformation Accelerator



# Climate Transformation Accelerator



The six developing accelerator concepts are outlined below.

## 1. Buildings & Built Environment

Project Ideas

- Exploring the idea of a geothermal pilot project
- Exploring local carbon offset programs that focus on funneling funds to low-income folks to work on building decarbonization projects.

## 2. Transportation

### Project Ideas

- Development of a Zero Emission Vehicle (ZEV) Grid Reliability Study for the region, conduct assessments for grid reliability, resiliency hubs, microgrids, etc.
- Exploring the idea of passenger rail infrastructure, mainline rail, and light rail.

## 3. Waste Management & Procurement

### Project Ideas

- Exploring ideas to keep food scraps out of the landfill and reduce transportation emissions (from travel to landfill in Carson).
- Develop a program to break down food in everyone's home and at local breakdown centers, turn these into digesters and home composting programs.
- Provide solar to community and home gardens, landscaping, etc.

## 4. Energy & Power Generation

### Project Ideas

- Looking to more effectively repurpose forest residual biomass to reduce environmental impact, economic burdens, and the threat of wildfire.
- Exploring biomass utilization within the district heating system at Northstar to displace \$500,000 of annual natural gas expense.

## 5. Natural & Working Lands

### Project Idea

- Development of a natural and working lands carbon sequestration inventory for Nevada County, focusing on carbon neutrality for both natural and developed lands.

## 6. Behavior Change

### Project Ideas

- Exploring the idea of creating a campaign including public education, incentives, and policy initiatives for climate-related topics (transportation, energy, food waste, etc.).
- Develop a "report card" or GHG "FitBit" of sorts to motivate people to change behaviors and build toolkits for HR departments to share with their employees.

The staff is recommending seed accelerator funding of \$5,000 per project (\$30,000 total) to start the process of seeking additional funding to advance these programs by CTA.

**FISCAL IMPACT:** \$30,000 as part of PI 311 Community Sponsorship Funds.

**SAMPLE MOTION(S):** I move to (approve, deny, or continue) the funding of \$30,000 in seed CTA accelerator project funding, following the guidelines of Policy Instruction 311.

**ATTACHMENT(S):**

- Policy Instruction 311
- Climate Transformation Alliance Charter 2022