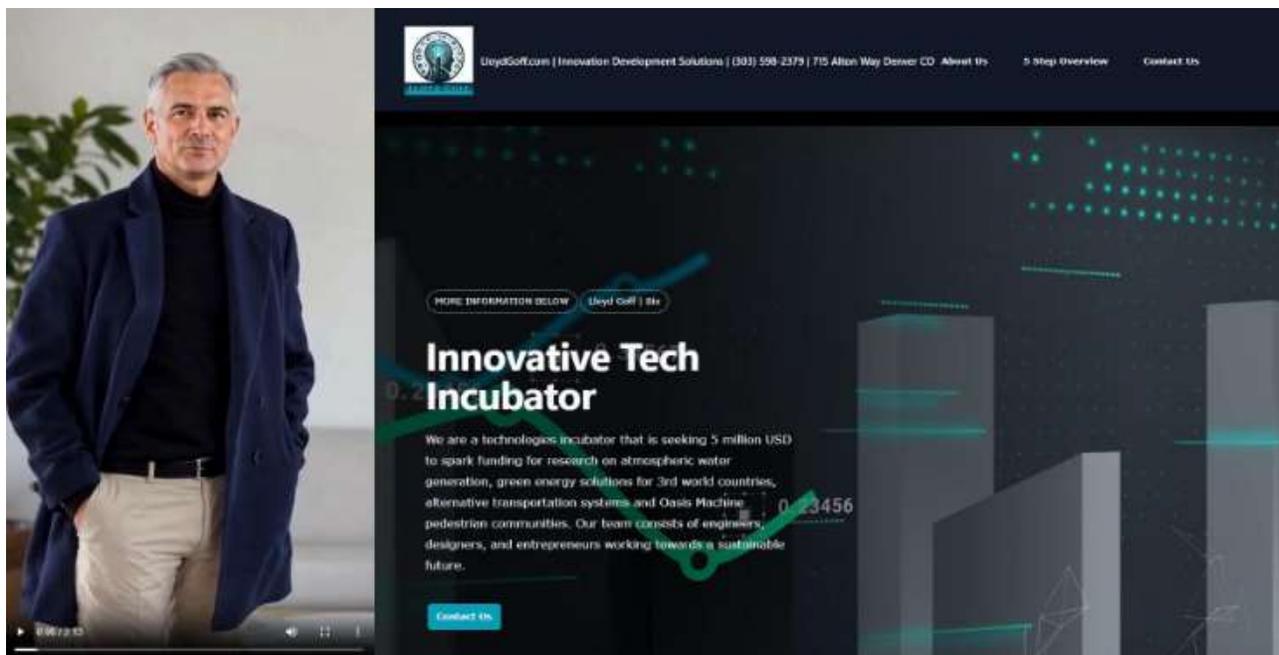


Proposal to the City of Denver

May 1, 2025

Infrastructure forms the backbone of every thriving community. Bingham Labs invites the City of Denver to join us in pursuing a \$3 million research grant from the Congressional Transit and Infrastructure Subcommittee. This grant will support the evaluation of a \$10 billion National Experiment in Colorado, focusing on both a Public Discussion initiative and a Cost-Benefit Model for Skyways legs 1 and 2. These assessments will serve as a blueprint for the remaining \$9.5 billion needed to complete the additional 70 miles to Fort Collins and 130 miles to Eagle County Airport. Click below the picture for an Introductory video.

INTRODUCING: Bingham Research Labs



(If any link doesn't load, copy link and paste into browser)

[Click Here for Video](#) | [Click Here for Economics](#) | [Click Here for Study Models](#)

“A Big Four accounting firm says A.I. will soon create higher economic output than the entire countries of China and India combined” accounting firm says A.I. will soon create higher economic output than the entire countries of China and India combined. As we prepare for the rapid shifts brought by AI, robotics, and job dislocations, this is a pivotal opportunity to lay the foundation for a new economy. By establishing a Smart Infrastructure Economic Development Corporation as a collaborative partnership, the revenue potential from Skyways legs 1 and 2—along with five other smart infrastructure initiatives—could eventually become one of Denver’s largest revenue sources. Furthermore, this initiative has the potential to create thousands of jobs across industries like gardening, plumbing, electrical work, AI media development, research, financial services, and travel services.

This collaboration could kickstart a transformative economic development program for Denver, beginning with the establishment of a dedicated downtown office. Over 1.5 years, the \$3 million evaluation grant will fund an initial cost-benefit analysis, facilitate public debate, and submit the rules for a partnership with the City. Additionally, we propose extending invitations to Bank of America and Merrill Lynch to oversee this cost-benefit analysis, engaging numerous consultants to provide expert insights on a \$1 Billion projection for the initial 15 miles from downtown to Golden. Before the initial grant runs out, this work can attract more grants to expand this research and prepare a \$500 Million to \$1 Billion revenue bond program for Legs 1 and 2. In our financial model these revenue bonds have a 30-year AM, and when paid off, Denver gets 100% of the profits.

We envision this project as a catalyst for Denver's growth and leadership in smart infrastructure, setting a national example for innovation and economic resilience that we encourage other cities to copy. In the meantime, we invite you to look at other smart infrastructure opportunities for the City such as:

1. Growing cleaner, greener air experiments starting with a new models of parks, rooftops and streets to grow lush landscaping, water features and carbon capture. Set up job training for the homeless to learn gardening, city cleaning, plumbing and electrical services to maintain the cleaner and greener initiative.
2. Recruit major Data Center developers to evaluate capturing water vapor as a substitute or supplement for purchasing city water.
3. Denver gets to write the rules for how 24 cities and towns deal with the smart infrastructure revenue bonds though Special Districts and plant the seeds for growing their AI Smart Infrastructures.
4. Seeding a modular AI Data Center service for all Depts in City of Denver and linking them with an advanced fiber optics transmission capability.
5. Establishing an R&D Economic Development program for AI new media that utilizes these new modular data Centers
6. Laying out warehouse districts supplying an automated delivery network

This can help you position Denver as a hub for Smart Infrastructure development, leveraging the \$10 billion National Experiment to attract companies to establish small offices downtown for collaboration and innovation. The economic aspect is to offer \$1 billion in revenue bonds for each smart infrastructure to show what it can do for the 25 towns shown in the 210-mile Skyways corridor. Denver is the heart of this corridor. This proposal seeks to strengthen Denver's infrastructure while fostering innovation and economic growth from a Ripple effect on each \$1 Billion investment. Each of these could

be about a 4 to 1 ratio which is 50% less than the US Chamber of Commerce calibrates at 8 to1 for transportation development.

Can you please have someone from your office respond to this proposal and discuss a letter of support to the Congressional T&I Subcommittee to Bingham Labs lloydrgoff@gmail.com

Exhibits:

Economics <https://www.lloydgoff.com/10BilNationExperiment.pdf>

Study Models <https://www.lloydgoff.com/SkywaysColoradoCorridor.pdf>

Proposal to the Congressional Transit and Infrastructure Committee

April 17, 2025

Dear Members of the Committee,

I am writing to draw your attention to groundbreaking advancements in transit systems and five other smart infrastructure technologies of Bingham Labs in Colorado. As a startup research lab focused on electrolysis and artificial intelligence, we have invested significant money and years into crafting two comprehensive presentations that highlight our financial models, along with eight detailed Study Models (slideshows) illustrating the core principles and mechanisms.

This project represents years of self-funded research and development, achieved without any reliance on private or city, state, or federal funding. With the committee's submission deadline quickly approaching at the end of April, we see an opportunity to position Colorado as a \$10 billion national experiment. This ambitious initiative involves the development of six innovative market infrastructures, each designed to be self-sustaining and financially viable. We are planning to present our work to the City of Denver and the State of Colorado later this month.

We have questions on how to go about this. Is governmental participation needed for a submission of further planning funds? We would like to submit a proposal for \$3 Million in Financial Evaluation Studies. We suggest hiring Bank of America and Merrill Lynch to manage consulting firms like KPMG for spreadsheet analysis of the overall \$10 Bil plan using legs 1 and 2 as their models. They would work with the City of Denver using these Evaluation & feasibility studies within 2 years to grow a \$400 to \$500 Million Revenue Bond issue stimulated by funding from your committee. This is proposed as a Public Private Partnership with both Denver and the State to initiate a \$10 billion funding program for the entire 210-mile Skyways corridor. This is shown in two links: Economics and Study Models

Furthermore, we understand that the State's passenger rail plan (FRPR) currently planning the use of existing rail technology along the Interstate 25 corridor in the Front Range. Their rail plan

would benefit from integrating passenger services along the Interstate 70 Mountain corridor. Our proposal envisions constructing legs 1, 2, and 4 to create a direct route spanning 125 miles from Downtown Denver to the Eagle County Airport. This corridor offers immense, untapped potential, connecting resort and metro areas. It represents an extraordinary business opportunity, with significant economic ripple effects and development prospects that could profoundly enhance the state's infrastructure and stimulate economic growth. It could make sense to have FRPR manage the public's interest in both projects and somehow combine them. This all starts with someone willing to commit funding further study.

Thank you for your consideration. Lloyd Goff CEO Bingham Labs lloydrgoff@gmail.com

Oct 3, 2025

Please allow me to introduce myself. I am Lloyd Goff, the director of Bingham Labs. We focus of smart infrastructure. Someone gave me your name as a Deputy Chief of Staff. We want the mayor's office to know that we exist and will be proposing ways to build smart infrastructure managed by Ai such as passenger travel, automated delivery, water from air, Personal Ai Assistant networks, Ai factories linked by fiber and a Carbon Capture network. We have previously disclosed this information to the mayor's office on May 1st, so it is time for an update.

We have decided the Personal Ai Assistant network is the easiest to get started and crafted a [proposal to Comcast](#) and other Internet providers. We are asking them to join us in a study model of what \$100 million network from Downtown to Golden might look like. We are also applying for a \$3 million grant in your recent request for proposals for the Downtown Denver Authority. When we find funding, we intend to prepare a working digital model of a downtown grid and another prototype for a 15th Street corridor. Both will be used if a 14-mile experimental network can be built to Golden.

We see the funding coming from revenue bonds that are administrated by special districts. This proof-of-concept corridor to Golden has need for several such districts. It offers the opportunity to the City to create the mold for special districts that will be used if expansion to a 210-mile corridor becomes feasible. This 210-mile corridor will connect downtown Denver to 25 towns using a passenger travel system and other smart infrastructure built up I-70 to the resorts. Here is an [interactive map](#).

Denver's Share of the \$1 Billion Revenue Bonds

Denver's estimated portion of the \$1 billion Revenue Bond allocation is approximately 10%. Below are key projects we propose collaborating on:

City AI Data Centers

We envision developing a **prototype AI Data Center** with your participation. Unlike traditional, large-scale AI data centers designed primarily for corporate efficiency and profitability, our concept emphasizes a **small, modular structure** tailored for municipal and corporate use. This center would serve as a dedicated space for storing city records, functioning more like a public library than a commercial switching facility. Given the water consumption concerns of major data centers—such as the CoreSite Data Center planned near the Stock Show area, we aim for a more sustainable model that prioritizes our Oasis Machine resources.

AI Research Center at Auraria Campus

A dedicated **AI Research Center** is a key component of the \$1 billion Revenue Bond allocation. We propose situating this facility on the **Auraria Campus**, integrating courseware and training programs to foster innovation. With an estimated budget in the **\$100 million range**, this center is designed to attract AI-focused companies from across the country.

Downtown Office Expansion

Our initiative seeks to **encourage companies to establish offices in downtown Denver**, fostering local participation, particularly in AI research and prototyping. Through national outreach, we anticipate drawing **at least one million square feet of new office space users**. A targeted campaign involving property landlords could further support this effort.

Strategic Partnership with Google

To kickstart these initiatives, securing collaboration with a major tech company is crucial—and **Google offers unmatched capabilities**. With advanced tools such as **Google Earth mapping, Waymo navigation, AI data center development, fiber optics infrastructure, integrated transaction services, and group meeting software**, they have the resources to support our efforts. With your help, we can position Denver to attract Google's attention and investment.

June 19