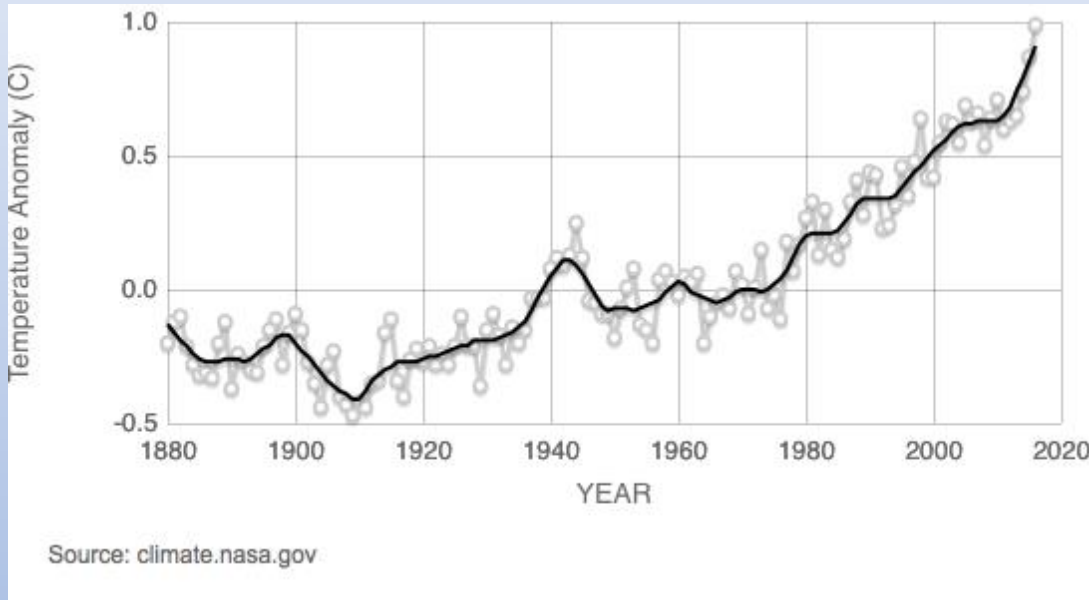


Dr. Adam Chambers

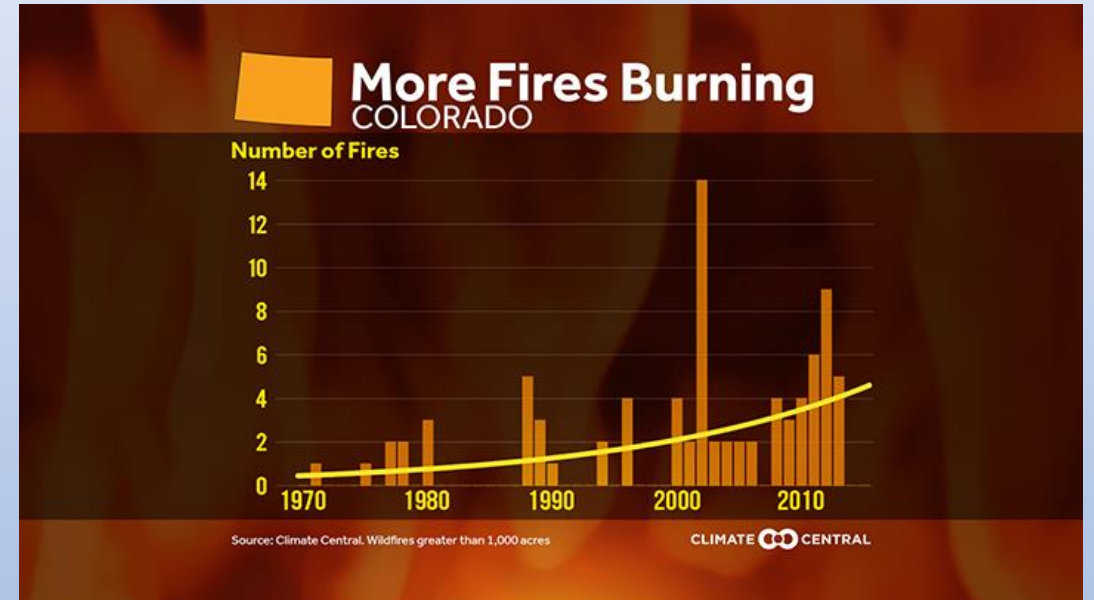
Sarah Holbrooke

Chris Arndt

# Carbon Pollution Is Radically Changing our Climate



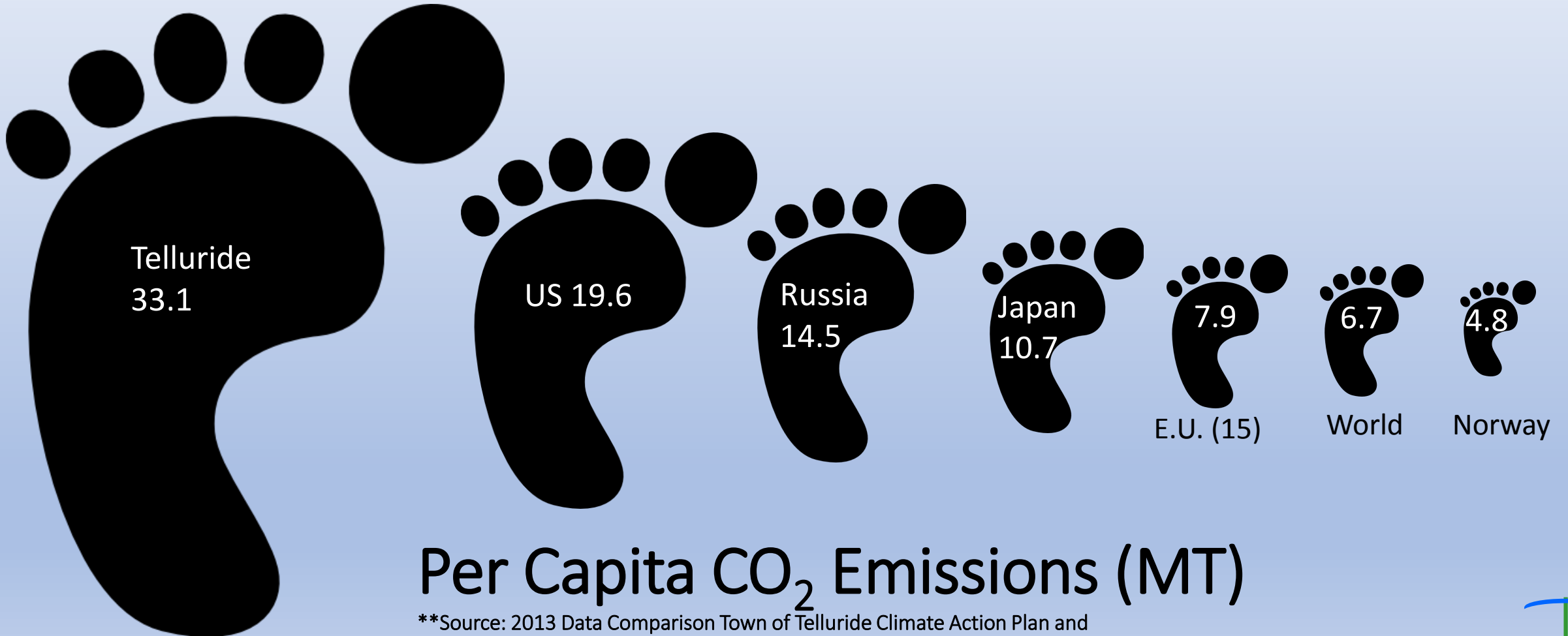
Global Effects



Local Effects



# We are part of the problem



Per Capita CO<sub>2</sub> Emissions (MT)

\*\*Source: 2013 Data Comparison Town of Telluride Climate Action Plan and World Resources Institute CAIT Climate Data Explorer

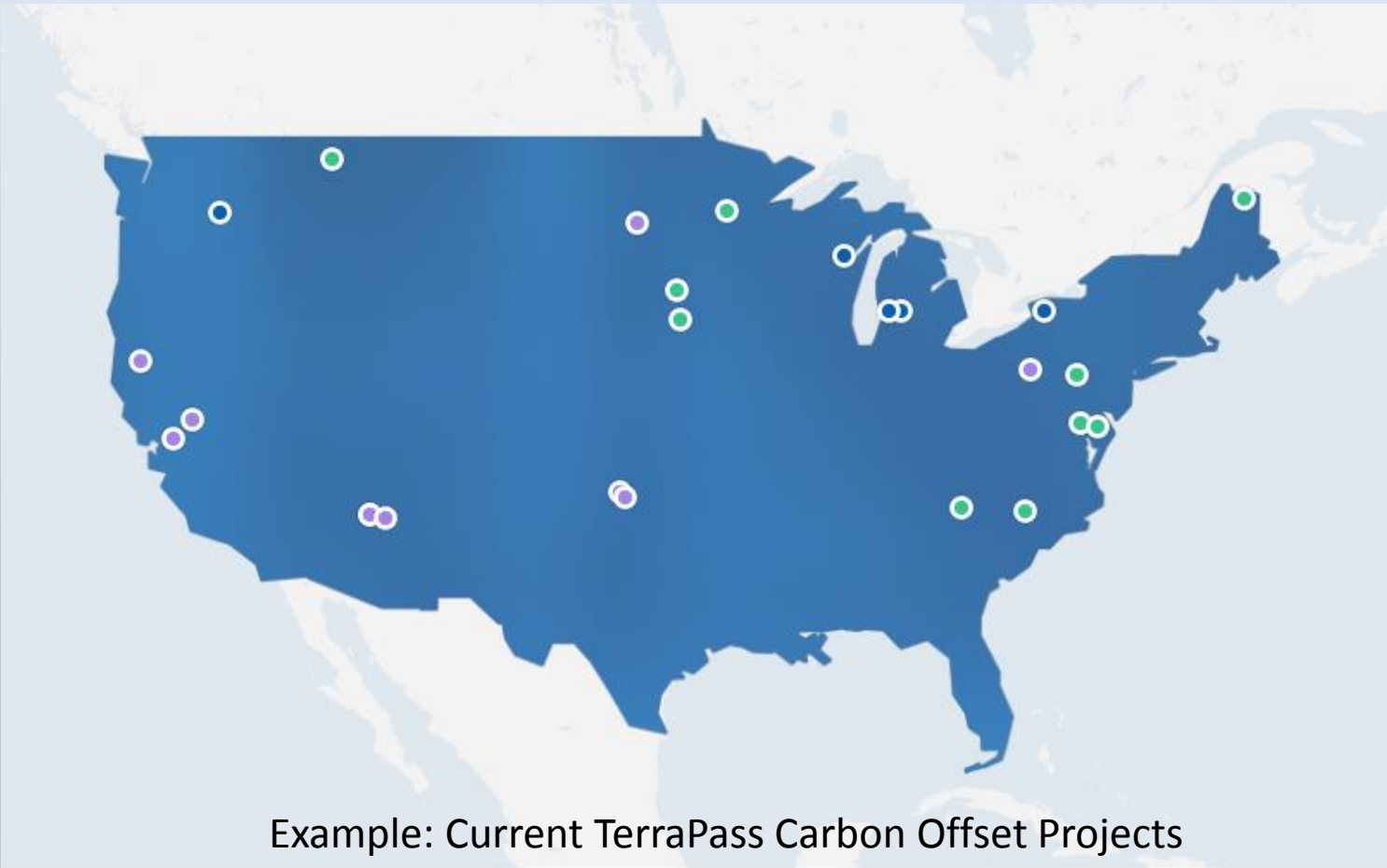


## We will continue to be part of the problem:

- Emissions are flat, not declining
- No *local model* to accelerate clean economy solutions that are becoming more practical every day



# Current national offset programs don't benefit our local/regional economy



Colorado is not even on this map!

If a jet flies into Telluride Airport and purchases offsets, why should that money be sent out of the community?

Why not contribute to local solutions & the local/regional economy?



## Telluride Values' Proposed Model:

- Enhances the local/regional economy
- Accelerates local clean economy solutions
- Spurs carbon accountability locally & hence enables more local action



# Start small, but with a model that can go BIG

The Galloping Goose buses burn 25,000-35,000 gallons of gas and diesel per year.



# Start small, but with a model that can go BIG

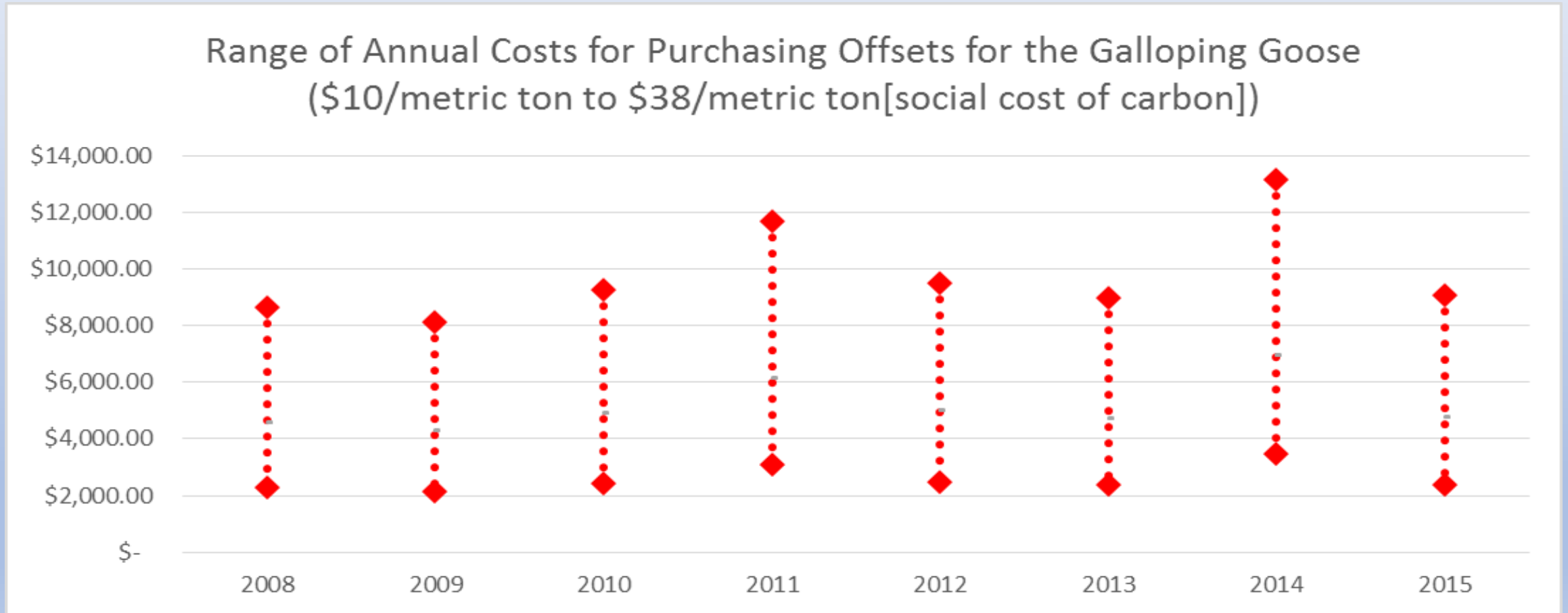
The Galloping Goose buses burn 25,000-35,000 gallons of gas and diesel per year.

This atmospheric pollution can be negated by carbon offsets that *benefit* the local/regional economy





# How much will carbon offsets for the Goose cost?



**Range of approximate cost to offset the GHG emissions from the Galloping Goose annually –  
Telluride Foundation Grant Funds will be used to kick-start this effort!**



# Where will we find the carbon offsets?

**Telluride Values** will work with regional partners to create a local carbon offset market.

Keep working lands working:  
Lands grazed and hayed –  
soil is undisturbed, storing  
carbon.



Creating easements:  
Ranchers place lands under  
permanent conservation  
easements to prevent  
tilling.



Measuring carbon and  
selling credits: Carbon  
stored in soil is quantified  
and converted to carbon  
credits.



## Carbon offset program produces co-benefits to participating farmers and ranchers:

- Carbon-rich soil that is more productive
- Carbon-rich soil that retains more moisture
- Farmers have new revenue stream



Telluride Foundation Innovation Prize will kick-start this effort!



Once we kick-start carbon pricing and accountability, we can then direct resources towards other clean economy solutions, such as financing the premium for electric buses.



**For example:**

TF Innovation Prize covers minimum 8.5 years of offsets for Galloping Goose.

If town covers offset costs after first year, remaining grant funds are used for electric bus adoption if appropriate or kick-starting new projects through a revolving fund.

Other opportunities may include:

- Airport and Air Travel
- Telluride Mountain Village
- Shuttle Services
- Destination Weddings and Events
- and many more...
- shrinking our carbon footprint one project at a time

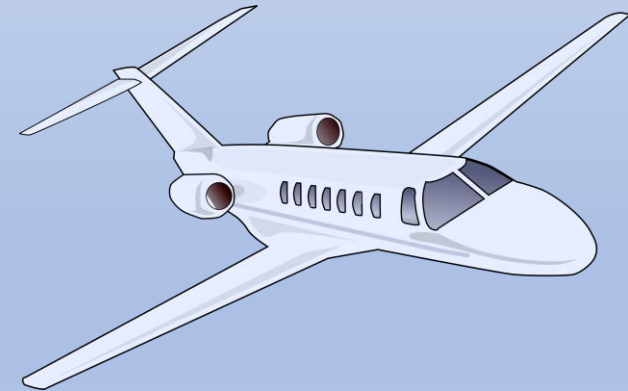


We will start with the Galloping Goose but we have big plans for local leadership on Global Climate Change Solutions:

TELLURIDE VALUES is a project focused on local actions, local analytics, and local leadership to solve global problems.



First Step: Carbon Neutral Galloping Goose



Next: Carbon Neutral Jet Fuel at TEX

