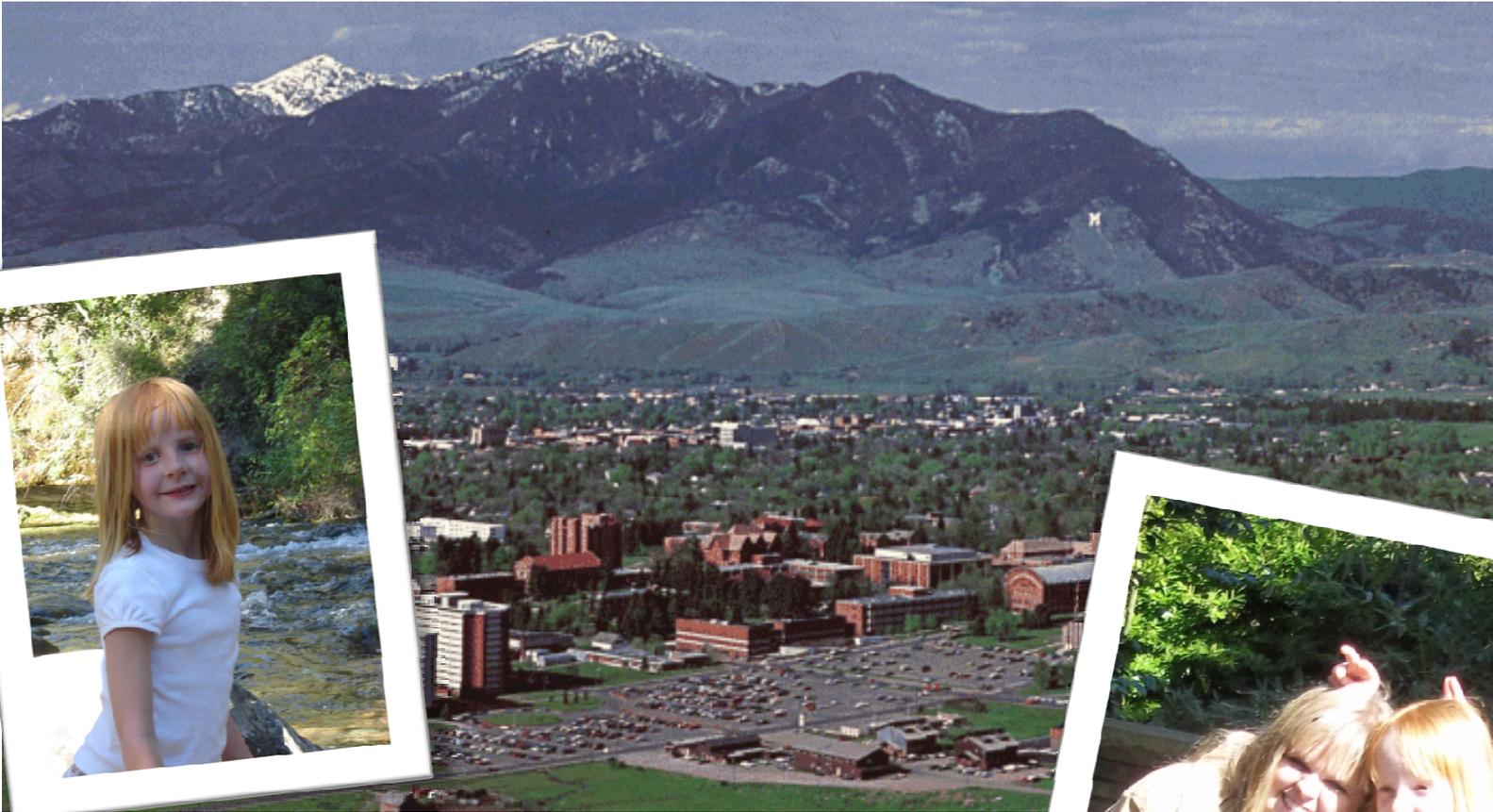




REDUCING FOR REAL:  
A Portfolio of Going Greener  
Pilots in Fleet and Facilities



Heather Davis  
USDA Forest Service



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# Overview



## □ Fleet Projects

- Net Zero Fleet Guide
- FLEET Tool



## □ Facility Projects

- Utility Bill Clean-up
- Net Zero Energy, Water, and Waste Prevention



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# FLEET PROJECTS:

## Net Zero Fleet Guide & Fuel Gauges



### Net Zero Fleet case study: Kiwi Fuel Gauges

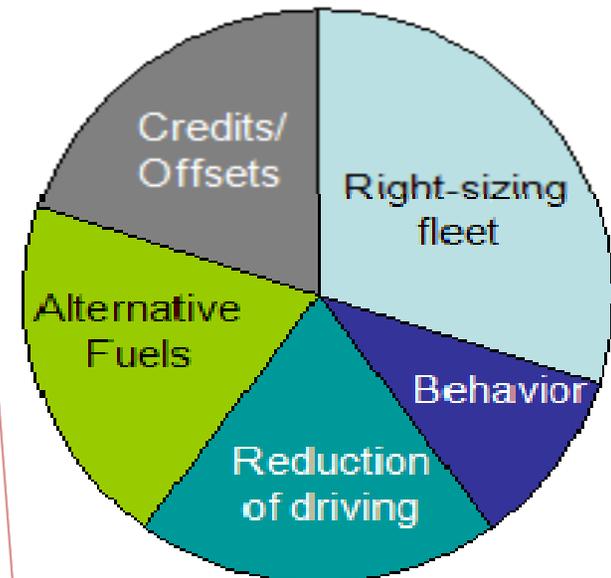
**The Tool:** The Kiwi Fuel gauge is a dash-mounted, real time, monitoring and feedback device that can train employees in eco-driving techniques.

**The Study:** 10 fuel gauges, 3 months, and the Colville N.F.

**The Results:** 10% fuel savings with a vehicle operator who actively is using the tool. They were not found to be effective in pool vehicles, likely due to the regularly changing drivers.

**The Savings:** 6 vehicles were able to save 123 gallons of gas, prevent 1.2 tons of carbon dioxide from entering the atmosphere, and saving over \$400 in a period of just over a month.

-Carl Burdick, Colville NF



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# FLEET PROJECTS:FLEET Tool

Connecting employee needs to reducing GHG emissions



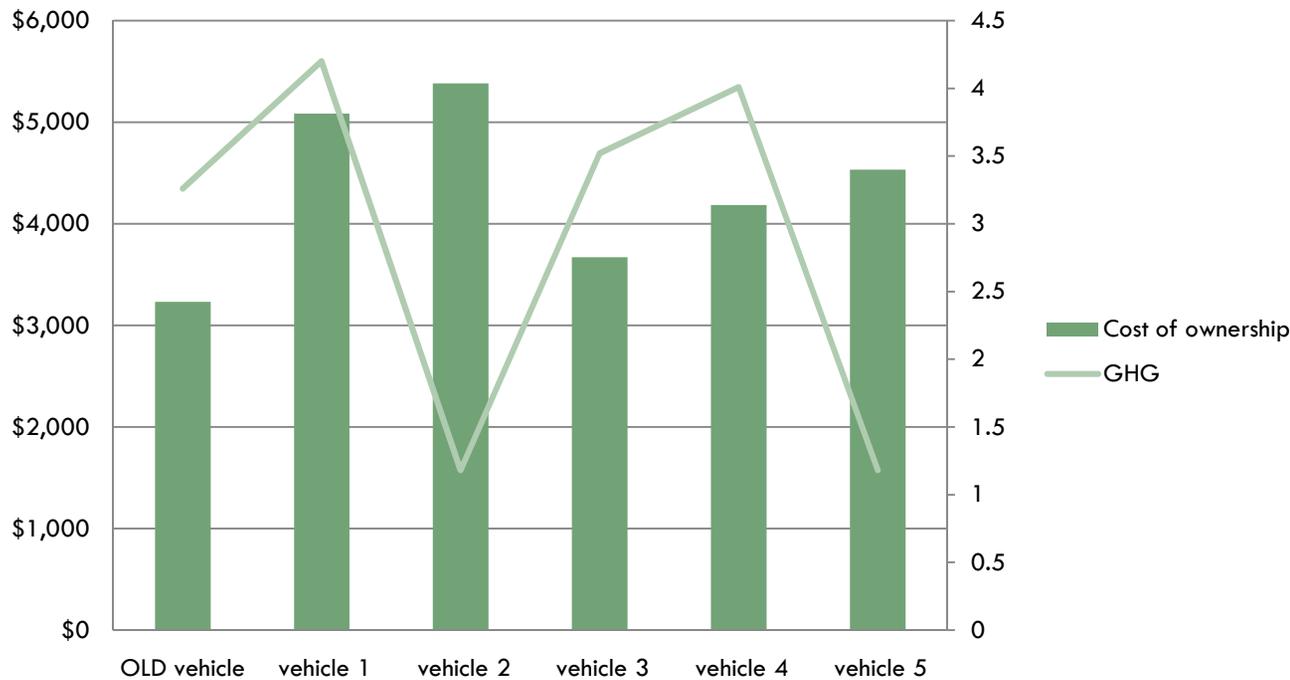
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### Cost of ownership and GHG emissions



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# FACILITY PROJECTS: Building a Better Baseline in a Decentralized Agency



- Monitoring utility costs is a dynamic process.
  - Initial clean-up will uncover obvious errors.
  - However, conveying properties, acquiring properties, vacating facilities, and concessionaire/contractor changes are ongoing activities on every unit.
  - Diligence paid to the effect these activities have on utility costs can reap large rewards.



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# FACILITY PROJECTS: Net Zero Guides



## WASTE PREVENTION/RECYCLING



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# Discussion questions



- **Questions for us?**
- **Questions for you**
  - How are you creating the network in your organization?
  - What are you doing to foster communication and projects across boundaries?
  - Where have you created conversation space for sustainability?



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# Contact Information

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