

AS OUR WORLD becomes increasingly aware of it's responsibility to our planet we wanted to let you know what the Roaring Fork Transportation Authority (RFTA) has been doing. For years we have worked hard to both promote different modes of transportation and to utilize healthier



alternative technologies in our vehicles.

RFTA owns most of the Rio Grande trail that goes from Aspen to Glenwood Springs. This trail is used for many alternative modes of transportation such as hiking, biking and horse back riding. Also in an effort to promote cycling,

RFTA was one of the first transit agencies in the country to have bicycle racks on buses. As locals are well aware, when it snows we are happy to carry your skis and snowboards to encourage a healthy winter lifestyle.

Using mass transportation, like buses, is a great way to help protect our planet and preserve the pristine beauty of our valley, but did you know that even the buses you ride on help protect our valley in lots of ways? All of our RFTA vehicles use biofuels to power them. The gasoline fleet of service vehicles uses ethanol and all of our diesel buses use biodiesel. All biofuels are created using a renewable bio-source, instead of being comprised solely of non-renewable fossil fuels. RFTA has spent years experimenting with biodiesel and in the summer months we are able to use a 20% mixture in our diesel fuel tanks. Additionally we keep expanding our fleet of hybrids. These utilize electricity as well as biodiesel and are significantly quieter, thus reducing noise pollution and emissions.







We at RFTA take our responsibility as stewards of this valley very seriously and are proud to serve our community.

RFTA

RFTA VISION STATEMENT

"By 2017 our region will significantly reduce dependence on oil through a resource efficient, climate friendly, multimodal transportation system with a regional express line unimpeded by traffic and weather, competitive with the private vehicle in terms of convenience, travel time, and quality."

This statement is the guiding principle behind RFTA's ambition to use renewable fuels whenever possible, conserve regional environmental resources, make bus travel times competitive with the personal vehicle and help maintain a great quality of life in the Roaring Fork Valley.

-  RFTA replaces about 100,000 gallons of oil-based petroleum products with biofuels each year. For comparison, the City of Aspen and Pitkin County, combined, used 115,629 gallons of conventional fuel in 2004, according to the Canary Initiative's Greenhouse Gas Emissions Inventory.
-  RFTA services offset 24,888,169 passenger miles in 2006
-  RFTA services offset 16 million pounds CO₂ to the environment in 2006
-  As of Summer 2007, RFTA has 11 hybrid buses on the road, making us one of the leaders in hybrid technology in the State of Colorado and one of the cleanest and greenest fleets in the Western U.S.
-  After experimenting with B5 in 2004 and B10 in 2006, we are currently running B20 in all of the Diesel buses and E10 in all of the gasoline trucks during the summer months.
-  It is important to remember that any type of biofuel usage pales in comparison to simply reducing personal cars by using public transit.

GREEN SPEAK

BIOFUELS- A very broad term describing any fuel that is made from a renewable biomass resource that uses the global carbon cycle and the sun to harness power.



BIODIESEL- A diesel-equivalent fuel chemically processed from used vegetable oil and other non-petroleum ingredients, usually blended with some percentage of conventional Diesel for use in any Diesel engine.

ETHANOL- A gasoline-equivalent fuel chemically processed from a variety of domestic, carbon-based feedstocks such as corn, switchgrass, sugar cane etc.

HYBRID- A quieter and cleaner burning vehicle that uses two distinct power sources, such as a Diesel engine coupled with an electric motor powered by stored energy from on-board batteries.

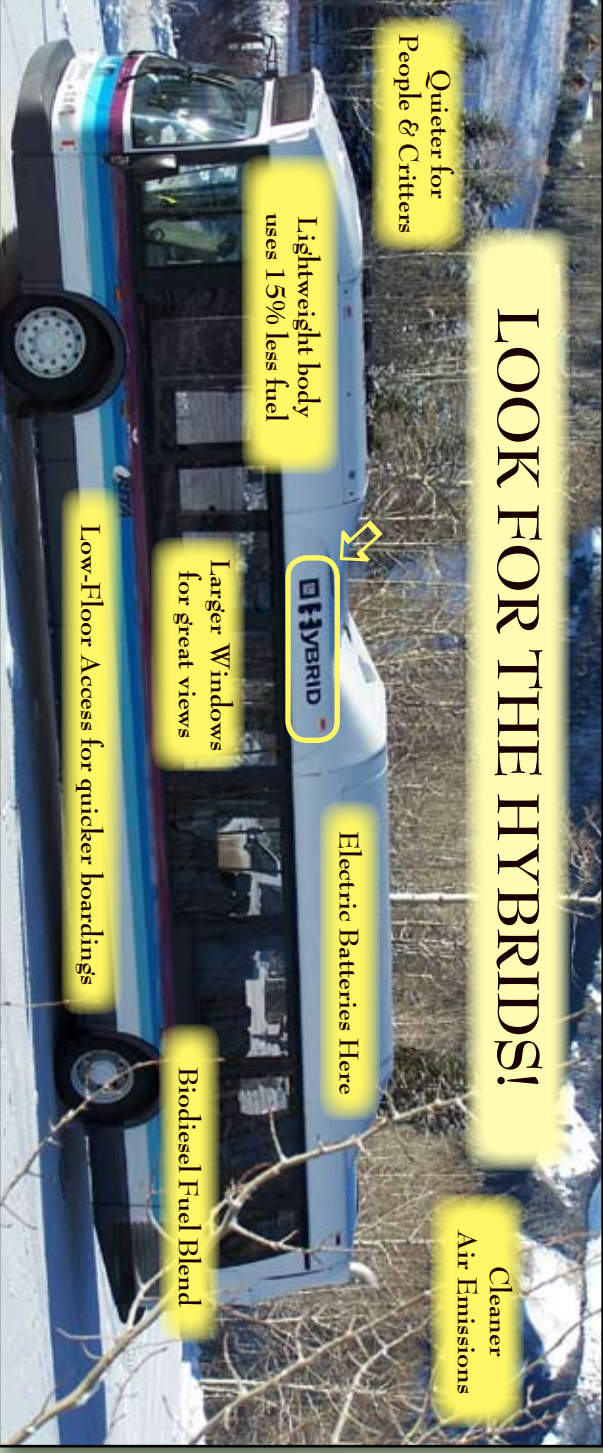
DPF- Diesel particulate filters further reduce Diesel bus emissions by nearly 90%.

ULSD- Ultra Low Sulfur Diesel has been federally mandated by the EPA for highway usage, allowing the application of newer emissions control technologies for an overall reduction in sulfur dioxide.

WHAT DOES B20 AND E10 MEAN?

Biodiesel and Ethanol fuel blends are designated by their percentage of alternative and conventional fuels included in the mixture. For example, a tank of B20 would include 20% Biodiesel and 80% conventional Diesel fuel.





LOOK FOR THE HYBRIDS!

Quieter for
People & Critters

Lightweight body
uses 15% less fuel

Larger Windows
for great views

Low-Floor Access for quicker boardings

Electric Batteries Here

Cleaner
Air Emissions

Biodiesel Fuel Blend

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*Climb
aboard
your
green ride!*

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