



Get on board and go green...

As you may already know, using public transportation is a great way to reduce your carbon footprint. Here are a few things MCTS does to make your choice to get on board and go green even better:

MCTS Bus Fleet

MCTS utilizes ultra low sulfur diesel fuel, catalytic converters, low horsepower engines, high efficiency transmissions, brake retarders and low profile radial tires to increase gas mileage and reduce harmful emissions.



Clean Diesel, Near Zero Emissions Buses

The new clean diesel buses feature **Selective Catalytic Reduction (SCR)** technology to produce clean, near-zero emissions exhaust. Meeting FTA regulations is very important to us.

The new bus engines inject **Diesel Exhaust Fluid (DEF)** into the exhaust stream to convert nitrous oxides, which are harmful greenhouse gasses that contribute to global climate change, to harmless nitrogen gas and water vapor. The new buses also have ceramic particulate matter filters to collect harmful particles from the exhaust and then break them down into less harmful components using existing heat.

Bikes on Buses

Bike racks on all buses both extends MCTS's reach to additional customers and promotes a healthy and green lifestyle for Milwaukee County residents.

Route Supervisor Hybrid Fleet

MCTS route supervisors drive ten **Ford Escape Hybrid** vehicles, used year-round and round-the-clock. The gas-electric hybrids get **29 mpg in the city**, as opposed to the 17-20 mpg the previous vehicles averaged and the hybrid technology allows the vehicles to run off the battery up to 20 mph. The vehicles conserve fuel and release **virtually no emissions while operating off the battery**.



MCTS provides 46 million passenger trips annually saving 54,000 tons of CO2.



Get on board and go green...



MCTS Recycles

At all MCTS's maintenance facilities many things are recycled including:

- plastic windows
- batteries
- shelter glass
- fluorescent lights
- cardboard
- wood pallets
- metals including aluminum, steel and copper
- scrap radiators
- 55 gallon drums
- antifreeze
- motor oil
- Freon
- non-hazardous waste water
- ink

The proper recycling of paper, plastic and aluminum products is highly encouraged at all MCTS facilities and thanks to the MCTS Print Shop, scrap paper and used cell phones are collected and sent overseas to our troops.

MCTS Thinks Green

MCTS's **Body Shop** uses low VOC (Volatile Organic Compounds) paints which are sprayed by using a High Volume Low Pressure method to apply more paint on the bus with less paint in the air, reducing the amount of paint used and the amount of harmful emissions the paint process can produce.

The MCTS **Print Shop** also uses environmentally friendly chemicals with low VOCs and whenever possible, recycled paper is used to complete printing projects, including all printed schedules used by passengers.

Other departments also pitch in by creating online forms or sending out information such as reports or newsletters through e-mail.



Ride the Bus and Go Green with MCTS

Milwaukee County Transit System | www.RideMCTS.com | 414-344-6711



A person can make the **BIGGEST** reduction of their household carbon footprint by switching to public transit - about **4,800 pounds per year!**