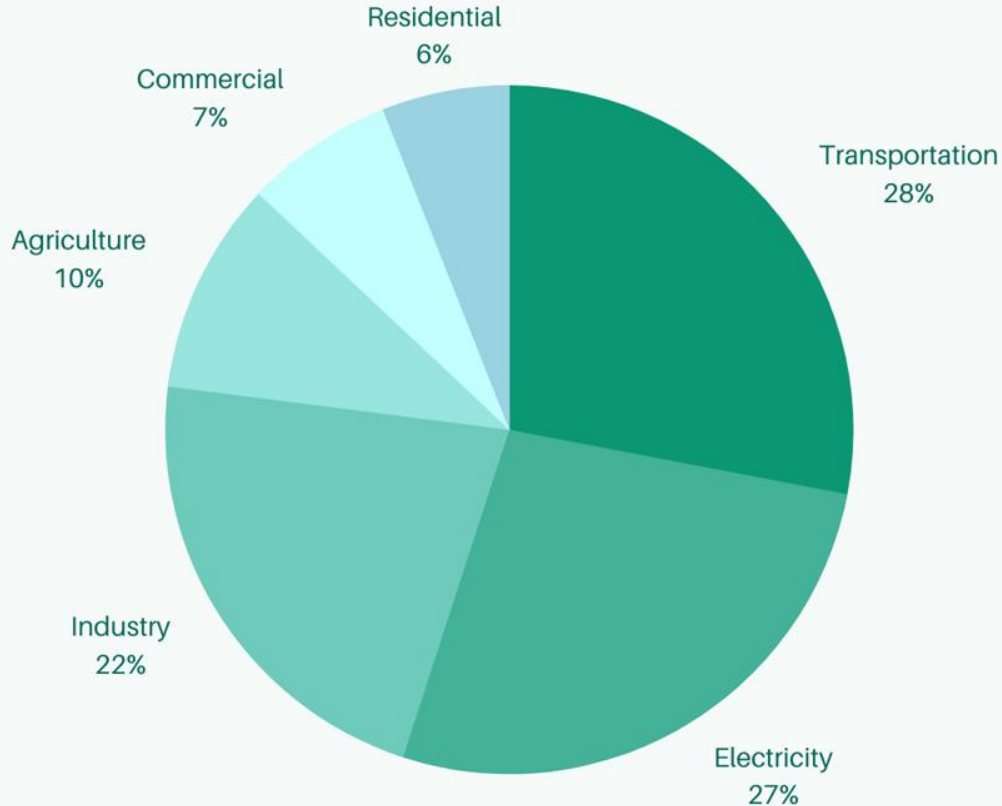


Celebrate Earth Day with Green Transportation

Presented by Kentucky Clean Fuels Coalition



U.S. GHG Emissions by Sector (2018)



Earth Day

While we often hear a lot about recycling and saving energy, our transportation choices have a significant impact on the environment as well.

In fact, **the transportation sector is one of the largest sources of greenhouse gas emissions, making up nearly 28% of total GHG emissions** according to the Environmental Protection Agency.

The Problem



**Changing
Climate**



**Environmental
Degradation**



**Health
Implications**



**Emission of
Greenhouse
Gases**



Smog

Green Transportation

Green Transportation is any kind of transportation practice or vehicle that is **eco-friendly** and **does not have any negative impact** on the immediate environment.

For this to bear any fruit, it requires **dedicated public awareness and participation, management of privately owned vehicles** and **innovation and production** of vehicles that utilize alternative fueled vehicles.



How Can Your Fleet Celebrate Earth Day?



**Buy Green Fleet Vehicles
and Equipment**



**Manage the
Transportation System**



**Create or Support Clean
Fueling Infrastructure**



2020 TOYOTA PRIUS PRIME

Base MSRP: \$27,900

MPG: 54 mpg

Type: PHEV



2020 HYUNDAI IONIQ HYBRID

Base MSRP: \$23,200

MPG: 57 city / 59 highway

Type: HEV



2020 MINI COOPER SE

Base MSRP: \$29,900

MPG: 115 city / 100 highway

Type: EV

NEW



2010 HONDA INSIGHT EX HATCHBACK

Cost: \$4,888

Mileage: 118,546

MPG: 40 city / 43 highway

Type: HEV



2010 TOYOTA PRIUS PRIUS V

Cost: \$8,995

Mileage: 79,054

MPG: 51 city / 48 highway

Type: PHEV



2017 NISSAN LEAF SV

Cost: \$13,998

Mileage: 12,000

MPG: 124 city / 101 highway

Type: EV

USED

Annual Fuel Costs for Light-Duty Vehicles by Technology Type

MY 2021



Small Steps - Big Change



Biking



Carpooling



Walking

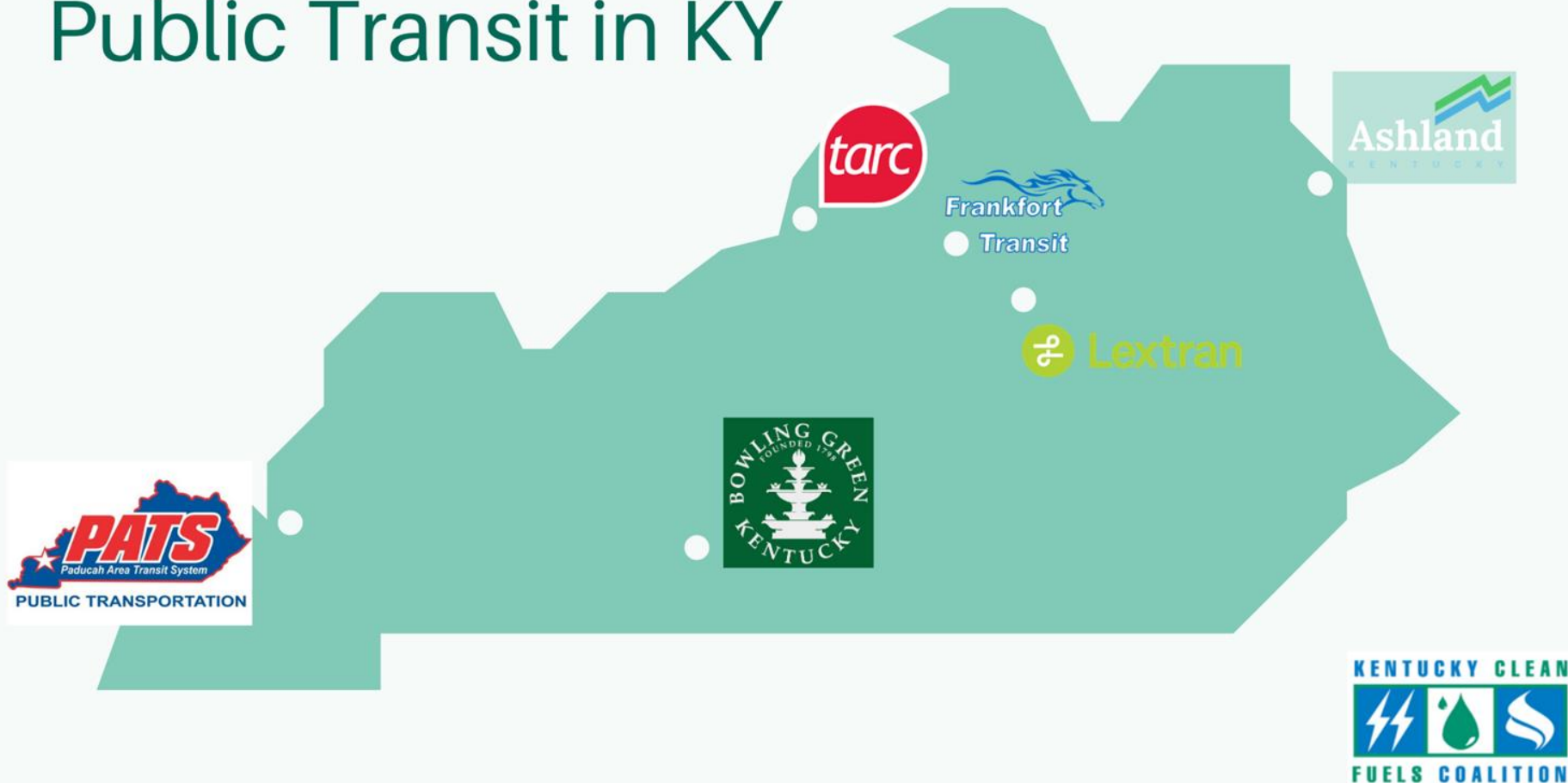


Public Transit



**Alternative
Fuel Vehicles**

Public Transit in KY



- 
1. REPAIR AND RIDE YOUR BIKE!
 2. LISTEN TO A SUSTAINABLE
TRANSPORTATION PODCAST!
 3. GO FOR A WALK!
 4. CARPOOL FOR WORK!
 5. REDUCE YOUR IDLING TIME!
 6. PICK UP LITTER!

KENTUCKY CLEAN

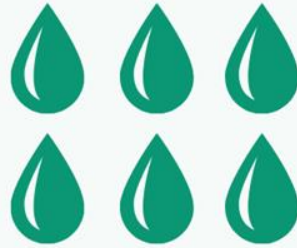


FUELS COALITION

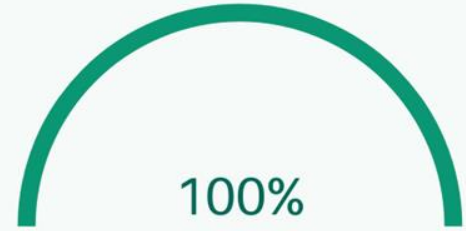
Benefits of Green Transportation



Fewer days of poor mental health compared to those who don't ride bikes



Idle reduction can save 6 billion gallons of gasoline & diesel each year across the U.S.



Reduction in tailpipe GHG and health-threatening emissions with hydrogen fuel

Plastic waste can be converted into fuel and wax - this even includes plastics that aren't easily recyclable or reusable! In the U.S. the Brightmark facility in Indiana is the first plastic-to-fuel facility.

Like other all-electric vehicles, all-electric motorcycles do not give off emissions. Some top range motorcycles even have their parts designed from recycled materials!

Because the release of CO₂ from biodiesel is offset by the CO₂ absorbed by growing soybeans and other feedstocks, biodiesel reduces carbon dioxide by 74 percent over petroleum diesel.

This is how we celebrate earth day!



Thank you!

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