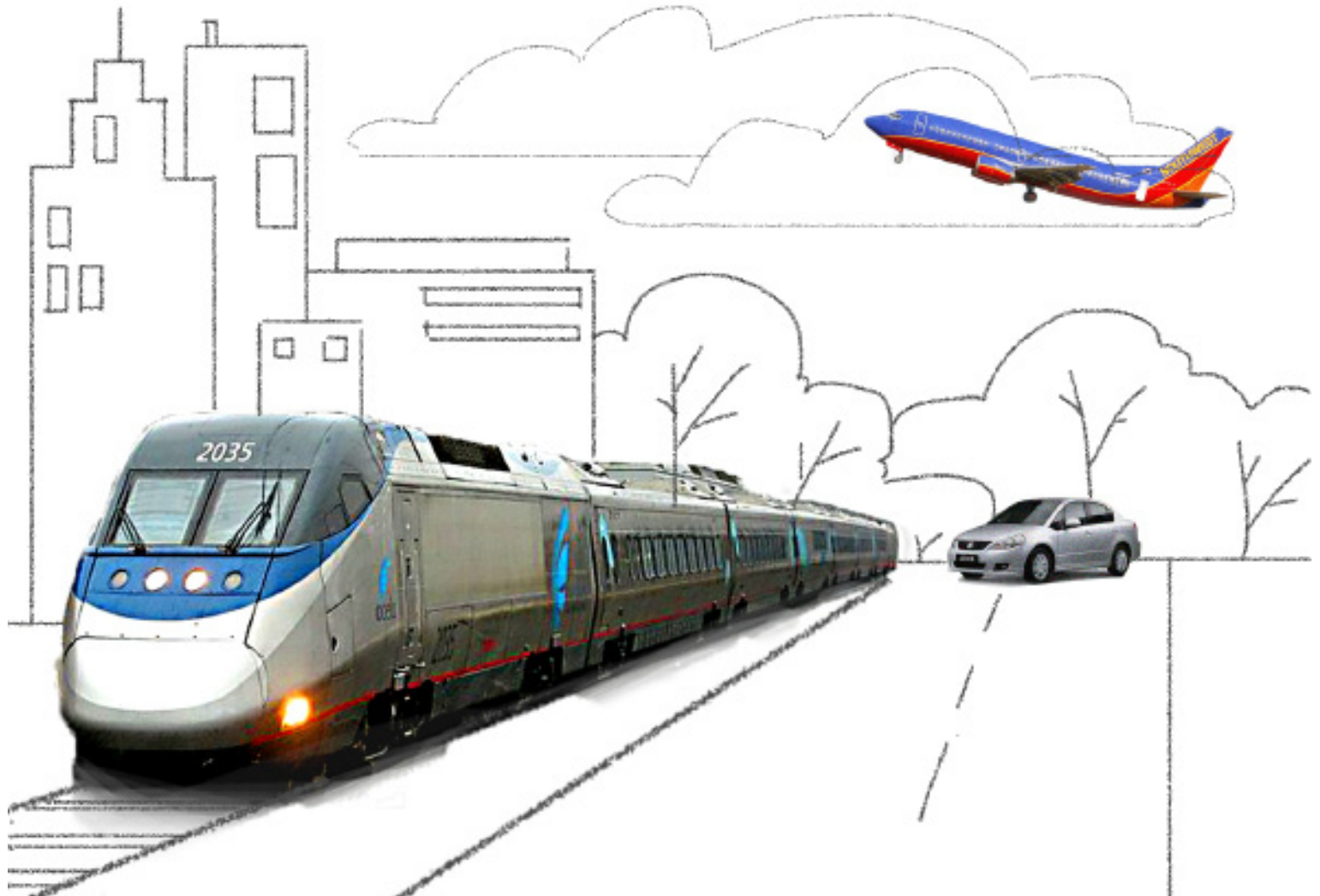




Rail Riders Classroom Presentation: Planes, Trains and Automobiles

Rail travel uses less fuel than either cars or airplanes. In fact, taking a passenger train is 20 percent more efficient than taking a plane on per-passenger-mile basis. And, it is 30 percent more efficient than taking a car!

*Source: U.S.
Department of
Energy*

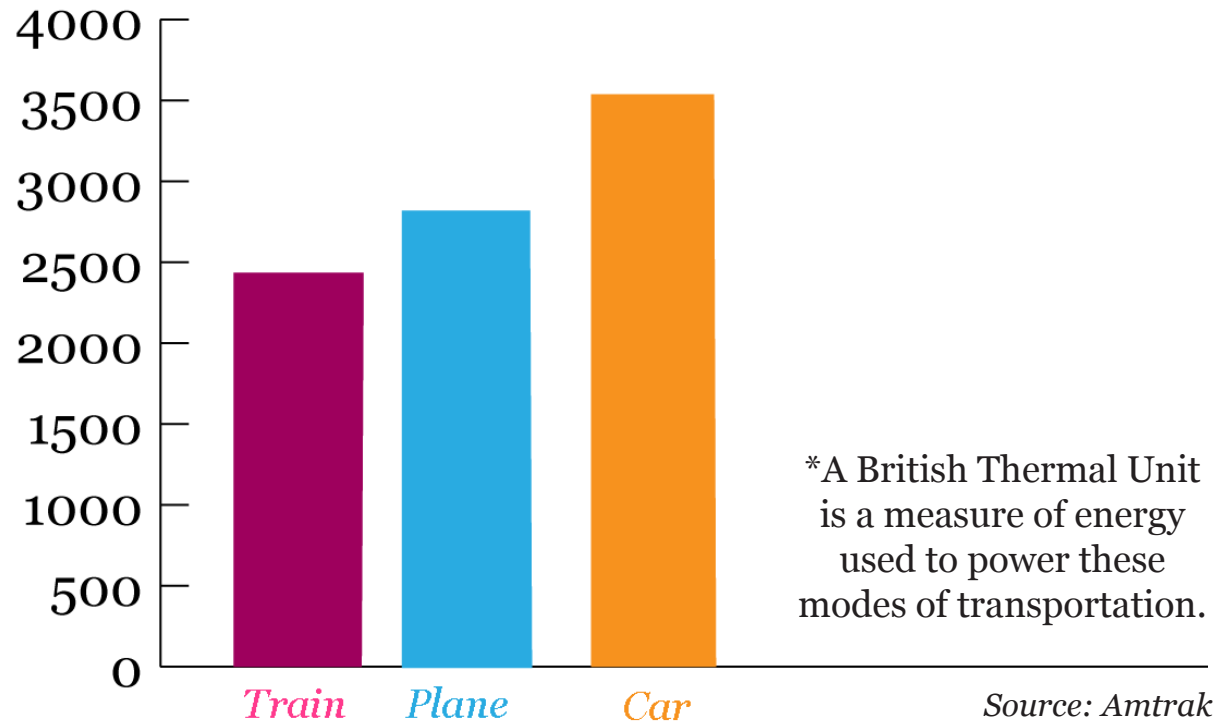




Rail Riders Classroom Presentation: Planes, Trains and Automobiles

Check out the facts!

The Number of British Thermal Units (BTUs)* Used Per Passenger-Mile Are:

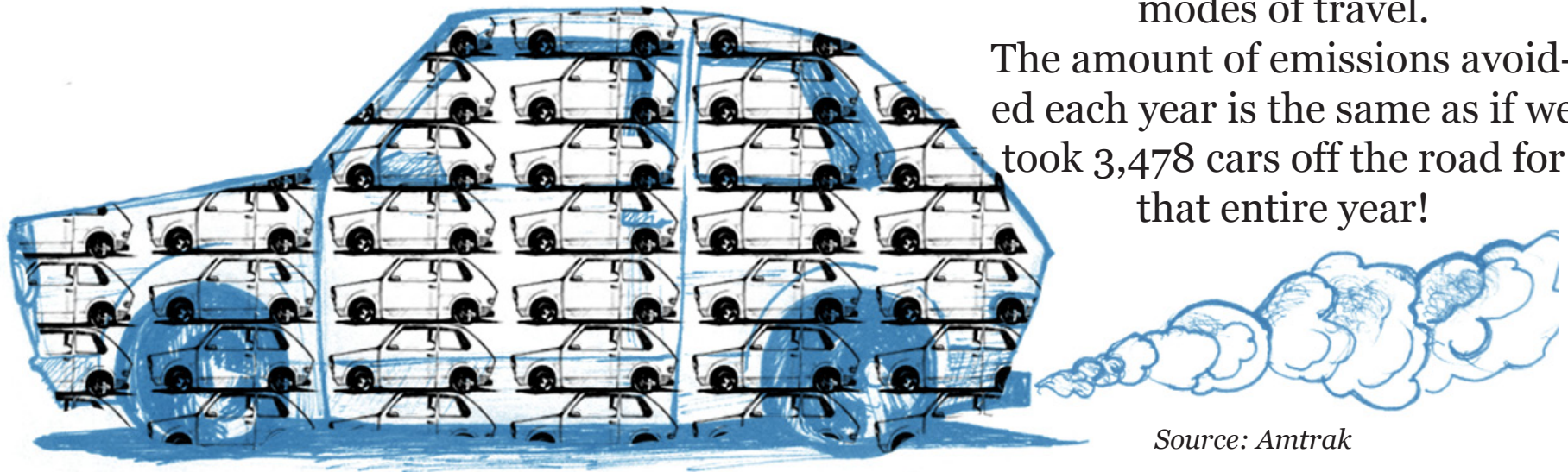




Rail Riders Classroom Presentation: Planes, Trains and Automobiles

As a result, rail travel emits less greenhouse gases than other modes of travel.

The amount of emissions avoided each year is the same as if we took 3,478 cars off the road for that entire year!



Source: Amtrak



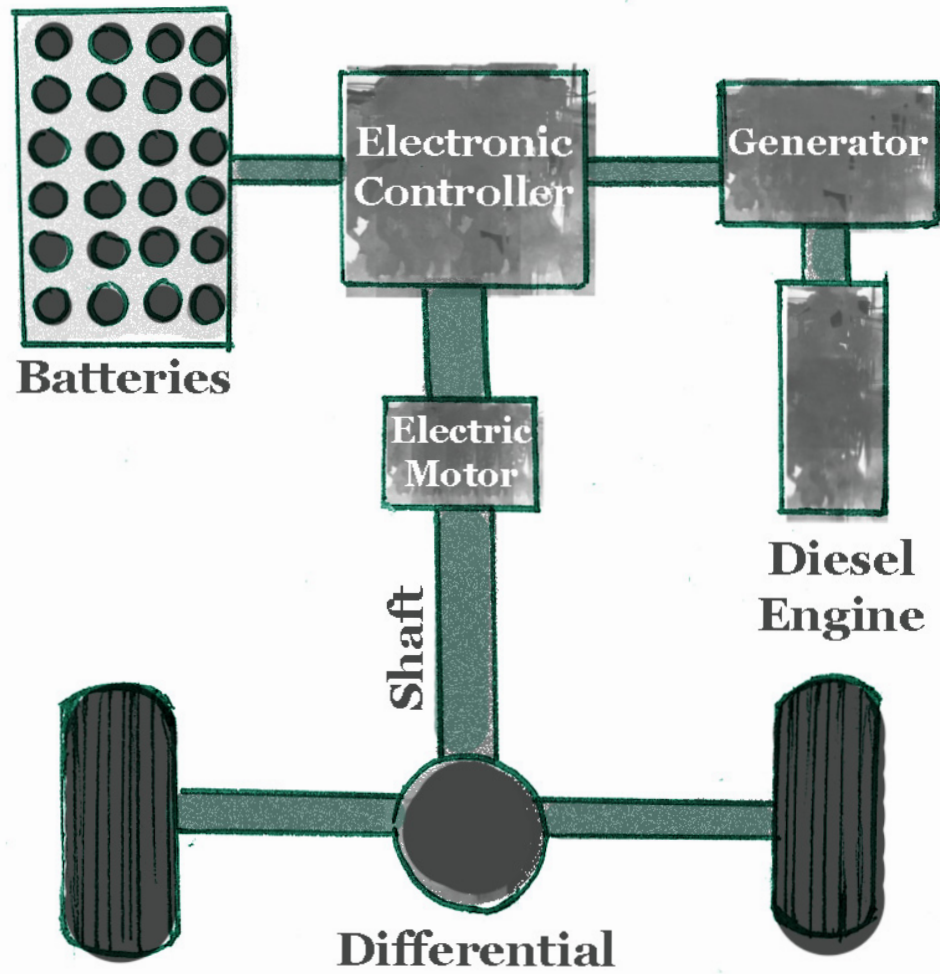
Rail Riders Classroom Presentation: Planes, Trains and Automobiles



The majority of passenger trains today are fueled by diesel. Producing diesel requires less energy than producing standard vehicle fuels like unleaded gasoline for cars. To limit emissions, new automatic shut-off systems are being installed in diesel locomotives.

Rail Riders Classroom Presentation: Planes, Trains and Automobiles

Regenerative Braking System



Some of Amtrak's locomotives are electric. They use a regenerative braking system, which returns electricity back to the supply. Using this system allowed Amtrak to reduce energy consumption by up to 8 percent!

Source: Amtrak



Rail Riders Classroom Presentation: Planes, Trains and Automobiles



Trains also have some eco-friendly designs. For example, they have steel wheels that move on steel rails. This design reduces the amount of rolling friction, as compared to rubber car tires on paved roads. And so, these trains require less fuel to run.

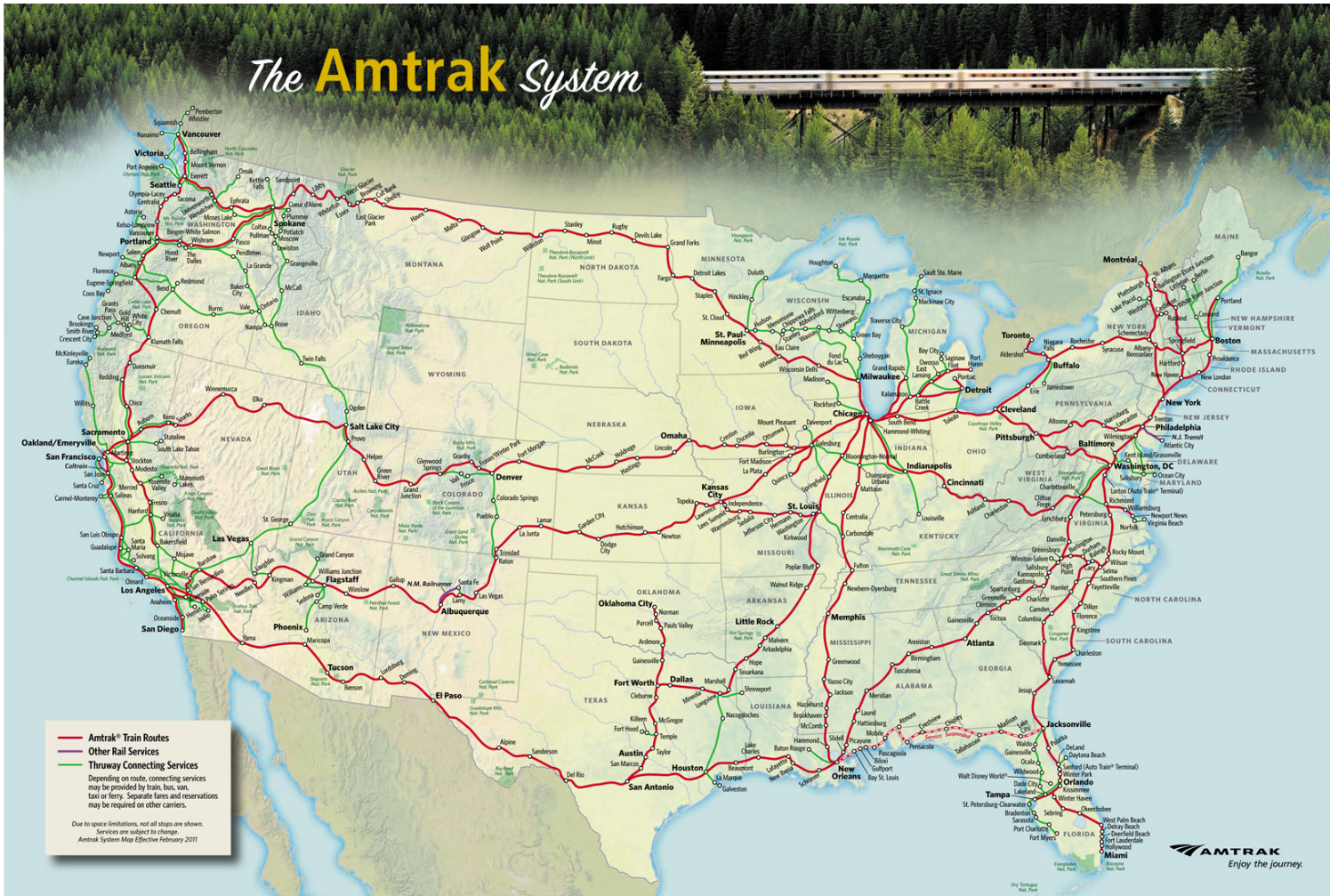


Rail Riders Classroom Presentation: Planes, Trains and Automobiles



All these factors combined make traveling by train one of the most planet-friendly, fuel-driven transportations we can find.

Rail Riders Classroom Presentation: Planes, Trains and Automobiles



Just think of all the places you could go using the train!