CDTA & EARTH DAY

50 YEARS IMPROVING COMMUNITIES

2020 marks CDTA's 50th anniversary – but we share it with another very special anniversary.

APRIL 22, 1970

20 million Americans take to the streets to increase awareness about the environment.

TODAY

CDTA and environmental preservationists celebrate Earth Day with acts centered on making the planet safer and healthier.

1960 1980 1990 2000 2010 2030

MORE CASH, LESS GAS

Public transit contributes directly to safer and more vibrant communities.

A household can save **nearly $10,000** by taking public transportation.[1] That's a lot of extra cash!

Communities that invest in public transit reduce the nation's carbon emissions by **37 million metric tons annually**.[2]

A person can reduce their chance of being in an automobile accident by **more than 90%** simply by taking public transit instead of a car.[3]

GO TOGETHER

2,640 stops covering Albany, Rensselaer, Saratoga and Schenectady counties. Wherever you're going, we can get you there.

One bus can take **up to 40 cars** off the road[4]--nearly the length of 2 football fields! Talk about an easier commute.

A fully occupied bus is six times more fuel-efficient than that the average single-occupant automobile.[5]

Buses emit only **10% as many hydrocarbons** per passenger mile as an automobile.[6]

To celebrate with us, learn some of the environmentally friendly options transit provides!

SHOCKINGLY CLEAN ENERGY

CDTA has rolled out electric vehicles this year - the first public transportation organization to do so in Upstate New York. Here's why.

Electric buses produce significantly lower greenhouse gas emissions than diesel and natural gas-powered buses.[7]

Lower emissions means cleaner air, which can reduce respiratory conditions and lead to healthier communities.[8]

One electric bus can save $400,000 in fuel expenses and $125,000 in reduced maintenance costs over its lifetime.[9]

STAYING *FLEX*IBLE WITH RIDE SHARING

Ride sharing can be an environmentally responsible alternative to driving a car for one, while still getting you where you're going

Utilizing services like FLEX and Capital Carshare can replace 5-10 privately owned owned cars, which means less traffic, more parking and of course, less pollution!

PEDAL MORE, POLLUTE LESS

CDPHP Cycle! has more than 75,000 trips in the Capital Region to date. There's nothing greener than pedaling around town.

EASILY ACCESSIBLE: 100% of CDTA buses are equipped with bike racks.

STAYING FIT: 1,000,000+ calories burned to date!

ACCESSIBILITY MATTERS: With RPI and UAlbany adding CDPHP Cycle! access to campus communities in 2019, ridership soared to more than 33,000 in Albany and Troy alone.

EARTH DAY SUCCESSES: A CHECKLIST

Earth Day has been a mobilizing force, leading to legislative and organizational success that has changed the planet for the better.

Spurred the passage of the Clean Air, Clean Water and Endangered Species Acts in the 1970s.

In March 2009, launched a water-focused web portal bringing professionals, activists, and the public together to a single site focused on solving global fresh-water issues.

Since 2010, the Earth Day Network has planted hundreds of millions of trees in 32 countries, focusing on areas most in need of reforestation.

Helped pass legislation providing roughly $7 billion in grants to green low-income schools across the country — the first federal grant program for greening schools.

[1] According to the American Public Transit Association (https://www.apta.com/news-publications/press-releases/releases/june-transit-savings-report/)
[2] According to the American Public Transit Association (https://www.apta.com/news-publications/public-transportation-facts/)
[3] https://www.apta.com/news-publications/public-transportation-facts/
[4] http://bic.asn.au/information-for-moving-people/climate-change-and-public-transport
[5] http://www.dnrec.delaware.gov/dwhs/Info/Pages/OzonePublicTrans.aspx
[6] http://www.dnrec.delaware.gov/dwhs/Info/Pages/OzonePublicTrans.aspx
[7] https://blog.ucsusa.org/jimmy-odea/electric-vs-diesel-vs-natural-gas-which-bus-is-best-for-the-climate
[8] https://www.epa.gov/clean-air-act-overview/progress-cleaning-air-and-improving-peoples-health
[9] https://www.publicpower.org/periodical/article/electric-buses-mass-transit-seen-cost-effective