

THE LONG ISLAND CHOICE

ISSUE 1

FIRST QUARTER 2024

Clean Cities is now:

THE CLEAN CITIES AND COMMUNITIES



We are excited to unveil a new name and look for Clean Cities as the national network moves into its fourth decade of advancing clean transportation! The new name, Clean Cities and Communities, conveys the diversity of areas coalitions serve, and the new logo reflects the clean transportation focus. Watch an announcement by Austin Brown from the U.S. Department of Energy's Vehicle Technologies Office.

GLICCCC is a U.S. Department of Energy designated coalition in the Clean Cities and Communities partnership. We work locally to advance affordable, efficient, and clean transportation fuels; energy efficient mobility systems; and other fuel-saving technologies and practices.

Copy and Paste this link: <https://www.youtube.com/watch?v=Tq-Q8zmum4E>



Congratulations To GLICCCC's Chairman

On behalf of GLICCCC, the Executive Boards of the APWA Long Island Branch, and the L.I.S.O.A., we are very proud and pleased to announce that, our very own Dominick Longobardi has been elevated from his position as APWA Region 2 Director to position of President-Elect by his peer Board of Directors on the National APWA Board. For the last two years as Region 2 Director, Dom has been an integral member of the National Board and served as chairman of a few high profile committees such as the Finance Committee. Dom will be serving as President-Elect until the beginning of September where he will then be installed as the President of APWA National at PWX in Atlanta, Georgia.

*** I encourage all Coalitions and Stakeholders to join their local American Public Works Association!**

Zero emission 100% electric vehicle inventory at Syosset Trucks

Box Truck, Single axle Tractor and Garbage Truck. Manufactured by Battle Motors in Ohio. International Chassis that they can install a flat bed or box body. Interested parties are welcome to come and test drive .

Contact: **Mike Nettesheim** Tel: 516-683-9110 Cell: 516-850-5443 Mike@SyossetTrucks.com

Exploring decarbonization pathways for USA passenger and freight mobility

Passenger and freight travel account for 28% of U.S. greenhouse gas (GHG) emissions today. We explore pathways to reduce transportation emissions using NREL's TEMPO model under bounding assumptions on future travel behavior, technology advancement, and policies. Results show diverse routes to 80% or more well-to-wheel GHG reductions by 2050. Rapid adoption of zero-emission vehicles coupled with a clean electric grid is essential for deep decarbonization; in the median scenario, zero-emission vehicle sales reach 89% for passenger light-duty and 69% for freight trucks by 2030 and 100% sales for both by 2040. Up to 3,000 terawatt-hours of electricity could be needed in 2050 to power plug-in electric vehicles. Increased sustainable biofuel usage is also essential for decarbonizing aviation (10–42 billion gallons needed in 2050) and to support legacy vehicles during the transition. Managing travel demand growth can ease this transition by reducing the need for clean electricity and sustainable fuels.

Follow the link below to read the full article.

<https://www.nature.com/articles/s41467-023-42483-0>

EQUITY IMPLICATIONS OF NET-ZERO EMISSIONS: A MULTI-MODEL ANALYSIS OF ENERGY EXPENDITURES ACROSS INCOME CLASSES UNDER ECONOMY-WIDE DEEP DECARBONIZATION POLICIES

With companies, states, and countries targeting net-zero emissions around midcentury, there are questions about how these targets alter household welfare and finances, including distributional effects across income groups. This paper examines the distributional dimensions of technology transitions and net-zero policies with a focus on welfare impacts across household incomes. The analysis uses a model intercomparison with a range of energy-economy models using harmonized policy scenarios reaching economy-wide, net-zero CO₂ emissions across the United States in 2050. We employ a novel linking approach that connects output from detailed energy system models with survey microdata on energy expenditures across income classes to provide distributional analysis of net-zero policies. Although there are differences in model structure and input assumptions, we find broad agreement in qualitative trends in policy incidence and energy burdens across income groups. Models generally agree that direct energy expenditures for many households will likely decline over time with reference and net-zero policies. However, there is variation in the extent of changes relative to current levels, energy burdens relative to reference levels, and electricity expenditures. Policy design, primarily how climate policy revenues are used, has first-order impacts on distributional outcomes. Net-zero policy costs, in both absolute and relative terms, are unevenly distributed across households, and relative increases in energy expenditures are higher for lowest-income households. However, we also find that recycled revenues from climate policies have countervailing effects when rebated on a per-capita basis, offsetting higher energy burdens, and potentially even leading to net progressive outcomes. Model results also show carbon Laffer curves, where revenues from net-zero policies increase but then decline with higher stringencies, which can diminish the progressive effects of climate policies. We also illustrate how using annual income deciles for distributional analysis instead of expenditure deciles can overstate the progressivity of emissions policies by overweighting revenue impacts on the lowest-income deciles.

Full article link. <https://www.sciencedirect.com/science/article/pii/S2666278723000259>

Are You Interested in Buying an Alternative Fuel or Electric Vehicle?

Visit the link below to compare vehicles Side by Side, Fuel Savings Calculator, Trip Calculator, GHG Emissions Calculator, 2024 Fuel Economy Guide, 2024 Best and Worst Fuel Economy, 2024 Top Ten Vehicle Lists, Top 10 - Most Efficient Vehicles and many more helpful suggestions.

<https://www.fueleconomy.gov>

Planning a road trip? Know before you go!

Visit the Alternative Fuel Data Center for locations of alternative fueling stations and charging stations.

<https://afdc.energy.gov/stations/#/find/nearest>

Alternative Fuels and Advanced Vehicles

More than a dozen alternative fuels are in production or under development for use in alternative fuel vehicles and advanced technology vehicles. Government and private-sector fleets are the primary users of most of these fuels and vehicles, but individual consumers are increasingly interested in them. Using alternative fuels including electricity and advanced vehicles instead of conventional fuels and vehicles helps the United States conserve petroleum and lower vehicle emissions.

<https://afdc.energy.gov/fuels/>

MARK YOUR CALENDAR

[NAFA Institute and Expo](#)

April 22, 2024 @ 8:30 a.m. – April 24, 2024 @ 7:00 p.m. | San Antonio, Texas | Embark on a journey towards “New Frontiers” and explore “Big Possibilities” at the premier fleet event. Fleet professionals across the industry will convene at the NAFA Institute & Expo (I&E) 2024 for three days of unparalleled learning, impactful conversations, and dynamic products and services from the industry’s leading suppliers. The industry’s largest gathering of fleet and mobility professionals provides the opportunity to share insights and perspectives on the many facets of the fleet professional’s day-to-day responsibilities and strategic leadership roles. Gain tools, resources, and knowledge needed to maximize your fleet operations.

I&E 2024 will feature:

- 35+ Hours of Educational Sessions
- Innovative Products and Solutions
- State-of-the-Art Exhibits
- Ride and Drive
- Unparalleled Networking Opportunities
- Relationship Building

Specialty Learning Opportunities

For more information, visit the [conference website](#).

[ACT Expo 2024](#)

May 20, 2024 @ 8:00 a.m. – May 23, 2024 @ 7:00 p.m. | Las Vegas, Nev. | ACT Expo is North America's largest advanced vehicle technology event and provides the opportunity to connect with the most influential leaders in the transportation industry.

For more information, visit the [conference website](#).

Would You Like to Share

A Success Story
 Vehicle Inventory
 Need For Training ?

The Greater Long Island in here to help you and promote the use of clean vehicles.

Contact: Rita Ebert

Email: rebert@gliccc.org

Who We Are:

The Greater Long Island Clean Cities and Communities Coalition (GLICCCC) is one of more than 75 national coalitions that develop public/private partnerships to promote alternative fueling infrastructure and vehicles, fuel blends, fuel economy, hybrid vehicles and idle reduction awareness. GLICCCC currently has over 400 stakeholders, private individuals and companies, who are dedicated to supporting Clean Cities' goal in Long Island. The coalition works with vehicle fleets, fuel providers, community leaders, and other stakeholders to save energy and promote the use of domestic fuels and advanced vehicle technologies in transportation.

Other Links:

[Clean Cities](https://cleancities.energy.gov/) - <https://cleancities.energy.gov/>

Alternate Fuel Data Center ([AFDC](https://afdc.energy.gov/)) - <https://afdc.energy.gov/>

[Twitter](https://twitter.com/gliccc) - <https://twitter.com/gliccc>

[Facebook](https://www.facebook.com/GLICCCC/) - <https://www.facebook.com/GLICCCC/>

[Clean Cities Website](https://cleancities.energy.gov/coalitions/long-island) - <https://cleancities.energy.gov/coalitions/long-island>

WWW. GLICCC.ORG

Rita Ebert
 Coalition Director
 Phone: 516-492-4795
 E-mail: rebert@gliccc.org

356 Oakleigh Ave #17
 Baiting Hollow, NY 11933



Funding and Incentives

Visit the links below

<https://cleancities.energy.gov/funding-opportunities/>

Connect with a Clean Cities coalition for information about current or potential Clean Cities project partnerships and relevant funding opportunities.

<https://www.nyscrda.ny.gov/Funding-Opportunities/>

<https://www.epa.gov/grants>

<https://www.nyscrda.ny.gov/All-Programs/Drive-Clean->

Working together benefits Long Island's environment, economy, and our nation's energy security!