



Connecticut Department of Energy and Environmental Protection



Connecticut Department of
**ENERGY &
ENVIRONMENTAL
PROTECTION**



**Connecticut
Electric Bicycle**
INCENTIVE PROGRAM

E-Bike Public Listening Session July 21, 2022

Presented by: Enter Name Here



Connecticut Department of Energy and Environmental Protection

Listening Session - Agenda

1:00 – 1:15 PM – Welcome and Session Overview

- Welcome – Commissioner Katie Dykes
- Overview of Session – Tracy Babbidge, Chief Bureau of Air Management

1:15-1:30 PM

- E-Bike Program Development & Overview of DEEP's E-Bike RFI – DEEP Staff

1:30 – 2:45 PM Public Comment Session on E-Bike RFI

- Pre-registered Speakers
- Other Commentors

2:45 PM - Next Steps

3:00 PM - Adjourn



Public Act 22-25 & E-Bikes

- **Section 7 – Include E-bikes into CHEAPR** - Requires DEEP to:
 - Establish and administer a rebate or voucher program for Connecticut residents who purchase an E-bike.
 - In consultation with the CHEAPR Board, to establish and revise, as needed, maximum income eligibility for such rebates or vouchers.
 - Rebates or vouchers not less than \$500.
 - Design program to maximize air quality benefits.
 - Prioritize residents of EJ communities, residents having household incomes \leq 300% federal poverty level, and residents who participate in state and federal assistance programs.
 - Eligible E-bikes must have a base MSRP < \$3,000.00



Substitute Senate Bill No. 4

Public Act No. 22-25

AN ACT CONCERNING THE CONNECTICUT CLEAN AIR ACT.

Be it enacted by the Senate and House of Representatives in General Assembly convened:

Section 1. Section 4a-67d of the 2022 supplement to the general statutes is repealed and the following is substituted in lieu thereof (Effective October 1, 2022):

(a) As used in this section, (1) "emergency vehicle" means a vehicle used by the Department of Motor Vehicles, Department of Emergency Services and Public Protection, Department of Energy and Environmental Protection, Department of Correction, Office of State Capitol Police, Department of Mental Health and Addiction Services, Department of Developmental Services, Department of Social Services, Department of Children and Families, Department of Transportation, Judicial Department, Board of Pardons and Paroles, Board of Regents for Higher Education, The University of Connecticut or The University of Connecticut Health Center for law enforcement or emergency response purposes, (2) "hybrid" means a passenger car that draws acceleration energy from two on-board sources of stored energy that consists of either an internal combustion or heat engine which uses combustible fuel and a rechargeable energy storage system and, for any passenger car or light duty truck with a model year of 2004 or newer, that is certified to meet or exceed the California Air Resources Board's



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E-Bike Program Development



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Workplan Overview – Tasks



July 2022

- Issue RFI to build knowledge on Existing E-Bike Programs
- Schedule and hold stakeholder informational session

Aug-Dec 2022

- Scope Program
- Develop SOW
- Issue SOW
- Assess responses
- Select contractor
- Build and test program

First Quarter 2023

- Program Launch
- Marketing & Outreach



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E-Bike Public Informational Session + RFI

- ✓ Development and Notice of Questions for Session
- ✓ Release of Notice: July 7, 2022
- ✓ Public Informational Session: July 21, 2022
- Request for Information: responses due July 27, 2022



E-Bike Request for Information (RFI)

E-Bike Request for Information

DEEP is issuing a Request for Information (RFI) to obtain data and feedback necessary to design and implement an E-bike incentive program.

RFI Deadline

DEEP will accept responses on the questions by 5:00PM on *July 27, 2022*. Answers should be emailed to DEEP.mobilesources@ct.gov with the subject "*Response to E-Bike Request for Information*".

For more information, please refer to the Electric Bicycle (E-Bike) Program RFI.



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79 Elm Street • Hartford, CT 06106-5127 www.ct.gov/deep Affirmative Action/Equal Opportunity Employer

**Request for Information (RFI)
Electric Bicycle (E-Bike) Program
July 6, 2022**

Action:
Interested parties to this Request for Information (RFI) are invited to respond to any of the questions in this document, which is being issued by the Connecticut Department of Energy and Environmental Protection (DEEP) for the development of an electric bicycle rebate and/or voucher program.

Summary:
On May 10, 2022, Governor Lamont signed [Public Act \(PA\) 22-25](#) (Act), *An Act Concerning the Connecticut Clean Air Act*. Section 7 of the Act requires DEEP to establish and administer a program to provide rebates and/or vouchers to residents of the state who purchase an electric bicycle (E-bike)¹. The Act requires the DEEP Commissioner, in consultation with the CHEAPR advisory board, to establish and revise, as necessary, maximum income eligibility for E-bike rebates and/or vouchers. Any such rebate and/or voucher must be at least five hundred dollars, designed to maximize the air quality benefits associated with the deployment of e-bikes and prioritize providing vouchers to residents of environmental justice (EJ) communities, residents having household incomes at or below three hundred percent of the federal poverty level, and residents who participate in certain state and federal assistance programs (LMI). The Act limits the manufacturer's base suggested retail price (MSRP) for eligible e-bikes of not more than three thousand dollars for the period of July 1, 2022 to June 30, 2027.

Purpose:
To inform its E-bike rebate and/or voucher program development efforts as required by Section 7 of the Act, DEEP is issuing this RFI to obtain data and feedback necessary to design and implement an E-bike rebate and/or voucher program. The E-bike rebate and/or voucher program must maximize the air quality benefits, associated with the deployment of E-bikes, and prioritize providing rebates and/or vouchers to residents of EJ communities and LMI residents of Connecticut. DEEP also seeks to identify any additional burdens or other barriers to the

¹ An E-bike is as defined in section 14-1(31) of the Connecticut General Statutes, as a bicycle equipped with operable foot pedals and an electric motor of fewer than seven hundred fifty watts of power that is either a class 1, class 2 or class 3 bicycle (e.g., maximum speed of 28 miles per hour). An E-bike does not include a dirt bike or an all-terrain vehicle.

RFI_E-Bike Program Page 1 of 5 Rev. 6-24-2022



RFI Questions

1. What are the best practices from other E-bike incentive programs? Including, but not limited to:
 - a) Application processes (both on-line and in-person),
 - b) E-bike Applicability,
 - c) E-Bike retailer selection and inclusion,
 - d) Opt-in for customers to authorize contact by E-bike vendors,
 - e) E-bike Incentive levels,
 - f) LMI income verification, and
 - g) Participant surveys.
2. How should DEEP determine the air quality benefit from program participation?
3. How many manufacturers produce E-bikes with a base MSRP of \$3,000 or less? Please include contact information, if available.
4. How many E-bike retailers are there in Connecticut? Please include contact information, if available.
5. How many E-bike retailers are there in on-line? Please include contact information, if available.
6. What is the industry standard E-bike warranty?
7. What is the best industry E-bike warranty?
8. What other E-bike customer experiences should DEEP take into account? (e.g., return policy? Battery reuse or recycling programs)
9. How often are E-bike purchases financed?
10. How should DEEP define “maximum income eligibility” for e-bikes?
11. Should DEEP seek to protect LMI participants from unfair or abusive finance terms? If so, how should DEEP do this?
12. If DEEP utilizes a voucher program, what length of time should be selected for the voucher expiration date?
13. How should vouchers be authenticated?
14. What other data/information would inform the development of an E-bike incentive program
15. Other questions or suggestions?





Comment Session

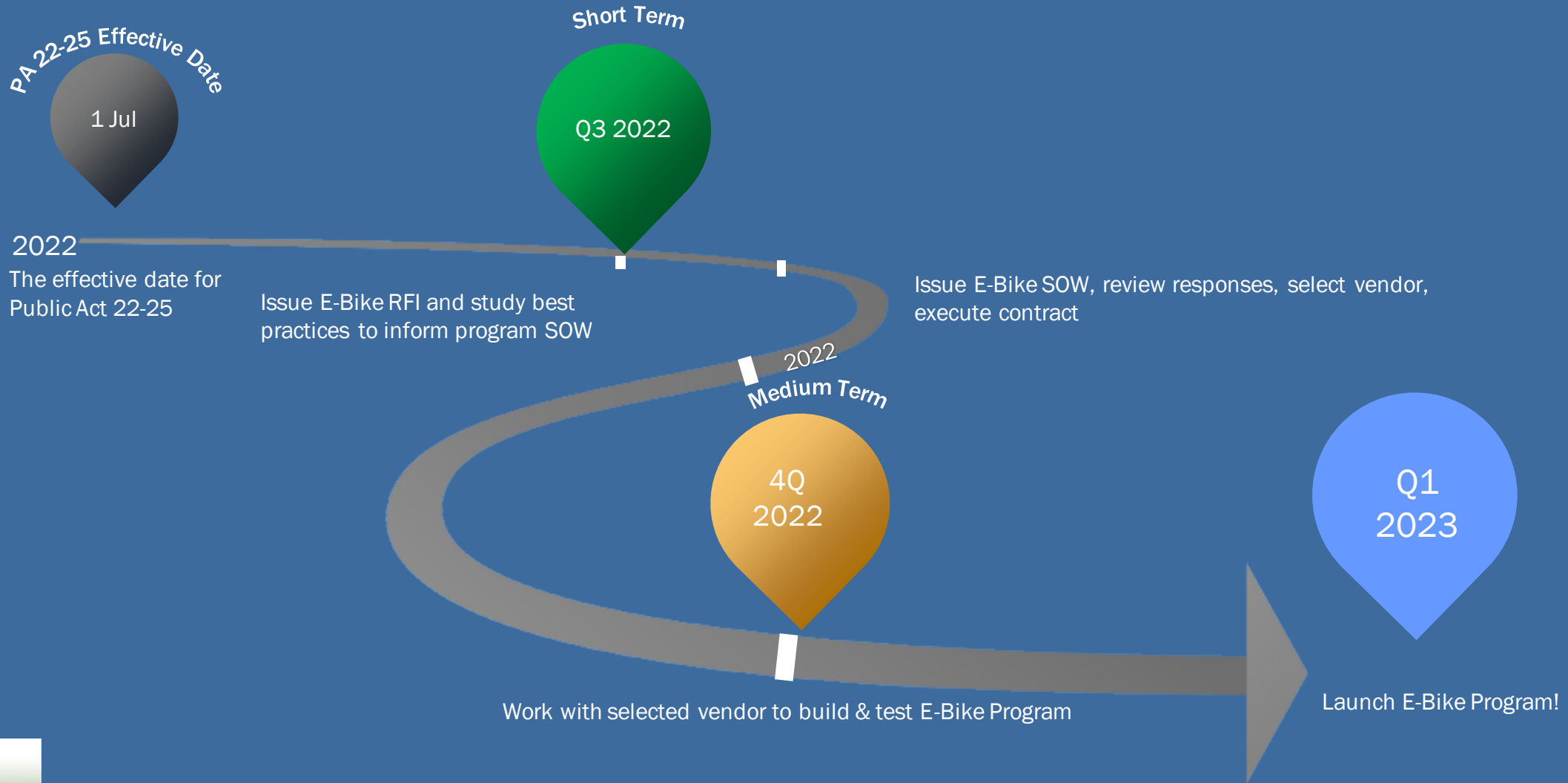


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Prospective Timeline & Next Steps



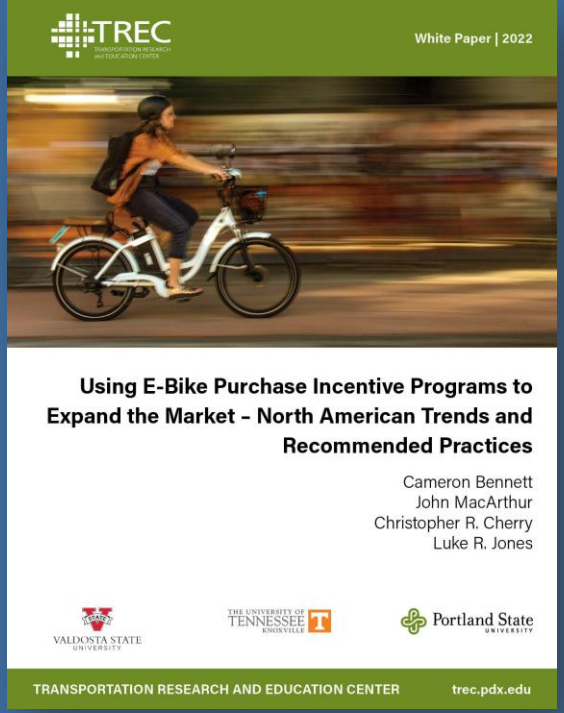
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Next Steps: E-Bike Program Design Framework

Modified From: [Using E-Bike Purchase Incentive Programs to Expand the Market – North American Trends and Recommended Practices](#)





Thank You!



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<https://portal.ct.gov/DEEP/Air/Mobile-Sources/CHEAPR/Electric-Bicycles>



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