

RIEC⁴

EC4 Update

April 2023





2022 Update to 2016 GHG Reduction Plan



2022 Update to 2016 GHG Reduction Plan

- First GHG plan update in 6 years
 - Produced almost entirely inhouse
- Therefore,
- Scope was not inclusive of all public's feedback
 - Modelling was high-level
 - 2025 Climate Strategy will be significantly more robust

Profile of RI's GHG Sources

Quick Facts



1990-2019

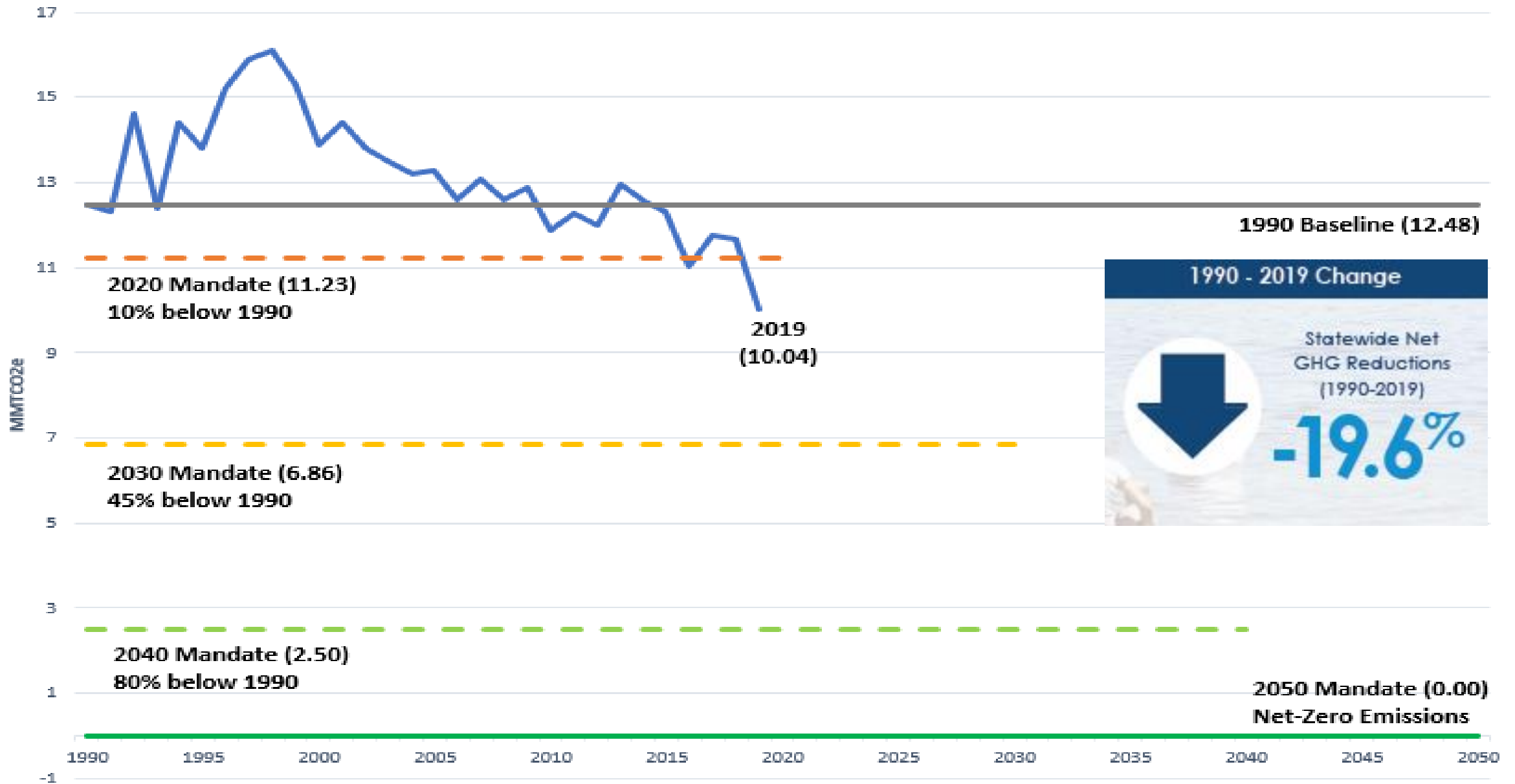
Rhode Island Greenhouse Gas (GHG) Emissions Inventory

Gross GHG Emissions by Economic Sector in 2019



Rhode Island Greenhouse Gas Emissions Inventory

2021 Act on Climate Mandates





Electric Sector Priorities

- Implement the 100% RES
- Modernize the electric grid
- Deploy advanced meters
- Procure offshore wind
- Continue deep investments in energy efficiency
- Complete RGGI program review



Transportation Sector Priorities

- Target 10% EV registrations by 2030
- Align future transportation funding with Transit Master Plan & Bicycle Mobility Plan
- Continue RIPTA electrification
- Adopt Advanced Clean Trucks (ACT) rule
- Continue EV/E-Bike incentives
- Model climate impacts of transportation projects
- Develop 'Complete Streets' plan



Thermal Sector Priorities

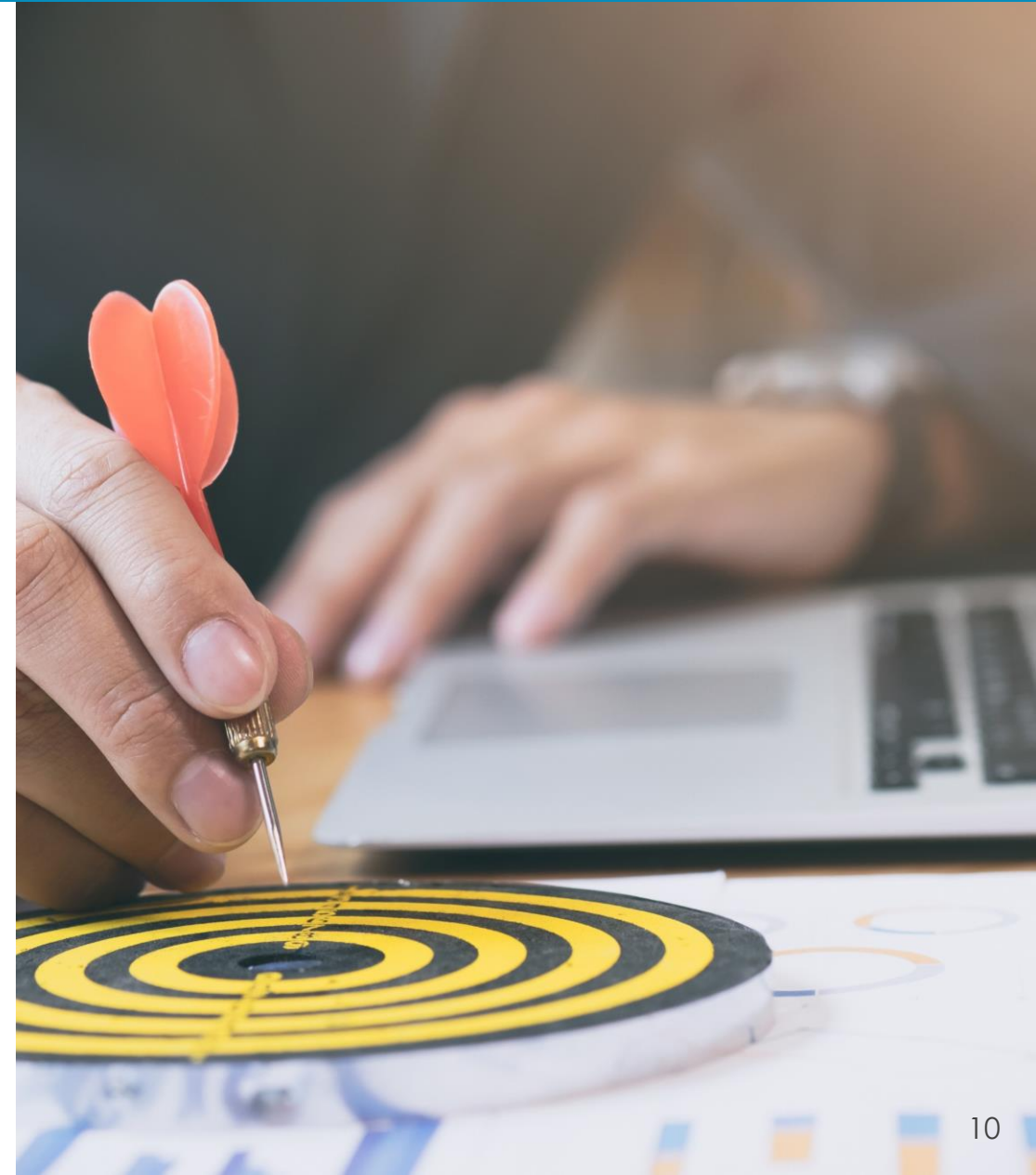
- Target 15% penetration of electric heat pumps by 2030
- Scale up heat pump incentives
- Adhere to biodiesel blending
- Explore gas system transformation (Future of Gas Docket)
- Continue energy efficiency & weatherization
- Begin developing 100% Renewable Thermal Standard



2025 Climate Strategy

2025 Climate Plan Commitments

- Focus on Equity and evaluation of benefits
- Workforce planning and analysis
- Open stakeholder engagement
- Incorporate business and municipal voices
- Robust and comprehensive GHG scenario modelling
- Develop actionable strategy with specific roles and responsibilities
- Funding and cost estimates for each action item
- Establish clear definitions and models for use in 2025 plan and other agencies' plans until 2030



3 Main Tasks

Consultant work:

1. Stakeholder facilitation and engagement
2. Climate modeling scenarios
3. Writing of Climate Plan
4. Policy Analysis



Request For Information - Timeline

Summer – Draft RFP for consultant

1. Public Listening Session
2. Issue RFI on scope of consultant's work – June
3. Work with STAB and Advisory Board to refine RFP

Fall – Issue RFP

2025 Strategy – Due December 2025

