

EC4 ADVISORY BOARD

OCTOBER 26, 2022

Agenda

Welcome & Opening Remarks

Review of Minutes from September 14, 2022 (Vote)

News from the RIEC4

DOH Climate Change Impacts Dashboard

Finalize recommendations to the EC4 for Climate Dashboard (Vote)

Other Business/Announcements

Public Comment

Future Meetings - December 1st (Thursday) 10:30AM

Adjourn

REVIEW MINUTES

NEWS FROM THE EC4

DOH CLIMATE CHANGE IMPACTS DASHBOARD

FINAL RECOMMENDATIONS FOR CLIMATE DASHBOARD

CLIMATE DASHBOARD RECOMMENDATIONS

Metrics

1. Tier I: Continue reporting and tracking toward the goal
2. Tier I: Continue reporting and establish a goal
3. Tier I: Begin reporting and establish a goal
4. Tier II: Develop strategy to report and establish a goal
5. Report climate change impacts

Additional Content

- Spotlight issues and topics
- Maps and visualizations
- Best practices

TIER I: CONTINUE REPORTING AND TRACKING TOWARD GOAL

Greenhouse Gas Emission Reductions

Goals:

- 10% below 1990 levels by 2020
- 45% below 1990 levels by 2030
- 80% below 1990 levels by 2040
- net-zero emissions by 2050

Clean Electricity

Goal: 100% by 2033 renewable energy standard

Municipal Resilience Program: # of cities/towns, spending, project type

TIER I: CONTINUE REPORTING AND ESTABLISH GOAL

EV Registrations in RI

Emissions Avoided by Energy Efficiency Investments

Green Jobs in RI

Protected Lands by Acres

TIER I: BEGIN REPORTING AND ESTABLISH GOAL

Incentives -

EV by amount/distribution

Solar

Heat Pumps

EV Charging Infrastructure

Vehicle Miles Travelled

EVs in State Fleet

Fuel Sales

Real Jobs Data

RIPTA Ridership

Energy Burden

RISE Energy Audits

C-PACE / EBF

Home Heating by Fuel Type

TIER II: DEVELOP STRATEGY TO REPORT AND ESTABLISH GOAL

Solid waste and recycling
municipal recycling rates,
food waste, methane

Advanced Clean Trucks (ACT)

State Fleet Mileage

Biodiesel Fuel Use

Progress towards RI Mobility Plan

Water Consumption

Climate Literacy in Public Schools

Investments in EJ communities (Justice 40)

Union Clean Energy Training Program Participants

Higher Education Graduates in Green Fields

Apprentice Demographics

Job Conversions

Buildings Fuel Heating Consumption by Type

Compliance with the RI Green Buildings Act

Buildings that Exceed Minimum Building Code

REPORT CLIMATE CHANGE IMPACTS

Precipitation

Sea level rise

Temperature

Drought

Air Quality

SPOTLIGHT ISSUES AND TOPICS

Traffic Congestion

CCRI Offshore Wind Training Program

Electric School Buses

MAPS AND VISUALIZATIONS

EV Registrations

Stormtools

Land Conservation and Agricultural Lands

CRMC Shoreline Change Maps

Heat Islands

Tree Cover and Tree Equity Score Analyzer

Land Use and Land Cover

Impervious Surfaces

Social Vulnerability Index

Most maps and resources listed here are available via the state's RIGIS system and many are linked off the RIDEM Maps page.

RECOMMENDED DASHBOARD PRACTICES



Manipulable/interactive data accompanied by explanations



Easily viewable and understandable trends



Inexpensive interface programs



Inclusion of Climate Equity (mapping and criteria)



Quarterly updating



Public feedback on the website (for clarification or inquiries)



Align dashboard metrics with data that is already collected

EC4AB

Next Meetings

December 1, 2022

January 25, 2023

10:30am-noon