

# GWSA 10-Year Progress Report

## Draft Table of Contents

### Acknowledgements

### Letter from the Secretary

### I. Executive Summary

### II. Introduction

1. Background on GWSA
  - i. GWSA
  - ii. 2020 Plan, Updated 2020 Plan
  - iii. Executive Order 569
2. Purpose and Scope of the 10-Year Progress Report

### III. GWSA Implementation and Recommendations

#### 1. Continued Collaboration, Coordination, and Stakeholder Engagements

- i. Interagency and cross-Secretariat GWSA Team
  - Updated Table 4 listing participating state agencies in implementation of each policy in the Updated 2020 Plan
- ii. GWSA IAC and working groups
- iii. Data Focus Group
- iv. Regional collaboration
  - Regional Greenhouse Gas Initiative (RGGI)
  - Transportation and Climate Initiative (TCI)
  - US Climate Alliance (USCA)
  - Conference of New England Governors and Eastern Canadian Premiers
- v. Municipality collaboration
  - Carbon Free Boston
- vi. Public engagements
  - Transportation Listening Sessions
  - Volkswagen Settlement Trust Fund public commenting
- vii. Next steps & recommendations

#### 2. Commitment to Meeting GHG Emissions Limit for 2020 and beyond

- i. MA GHG inventory updates
- ii. Clean Energy and Climate Performance Management System (CCPMS)
- iii. GWSA Dashboard
- iv. Data collection & analyses to estimate GHG reductions from policies
- v. 3(d) regulations to set declining volumetric cap of GHG emissions and emission sources
- vi. Other regulations and activities
  - Energy Diversity legislation and 83D/C procurements
  - Advance Clean Energy legislation
  - Environmental Bond Bill
  - Three Year Energy Efficiency Plans
- vii. Comprehensive Energy Plan
- viii. Commission on the Future of Transportation
- ix. 80x50 Study
- x. Setting GHG emissions limit for 2030 and Clean Energy and Climate Plan for 2030

- xi. Next steps and recommendations

### **3. Integrating climate change mitigation and adaptation**

- i. Adaptation work since 2013
- ii. E.O. 569
- iii. Interagency and Cross-Secretariat Climate Coordinators
- iv. State Hazard Mitigation and Climate Adaptation Plan
- v. Climate Change Clearinghouse
- vi. Downscaled climate projections data
- vii. Municipal Vulnerability Preparedness program
- viii. Next steps and recommendations

### **4. Benefits of GWSA implementation**

- i. Benefits include job growth, economic growth, public health, low-income community impact, ecosystem services, etc.

## **IV. Progress on Climate Change Mitigation**

### **1. Building Fuels and Energy Efficiency**

- i. Overview
- ii. Building Sector Policies: Results and Recommendations
  - Updated Table 6 summarizing implementation progress
  - Wedge chart showing GHG emissions and estimated GHG reductions from policies in this sector
- iii. Conclusions and Recommendations

### **2. Transportation, Land Use, and Smart Growth**

- i. Overview
- ii. Transportation Sector Policies: Results and Recommendations
  - Updated Table 10 summarizing implementation progress
  - Wedge chart showing GHG emissions and estimated GHG reductions from policies in this sector
- iii. Conclusions and Recommendations

### **3. Electricity Generation and Distribution**

- i. Overview
- ii. Electric Sector Policies: Results and Recommendations
  - Updated Table 9 summarizing implementation progress
  - Wedge chart showing GHG emissions and estimated GHG reductions from policies in this sector
- iii. Conclusions and Recommendations

### **4. Non-Energy Emissions**

- i. Overview
- ii. Non-Energy Sector Policies: Results and Recommendations
  - Updated Table 11 summarizing implementation progress
  - Wedge chart showing GHG emissions and estimated GHG reductions from policies in this sector
- iii. Conclusions and Recommendations

### **5. Cross Sector Policies**

- i. Overview
- ii. Cross-Sector Policies: Results and Recommendations
- iii. Conclusions and Recommendations

### **6. Land Use GHG Mitigation and Carbon Sequestration**