EPA Region 7 Climate Change Overview

East-West Gateway COG Air Quality Advisory Committee

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FY 2022-2026 EPA Strategic Plan Framework

Mission: To Protect Human Health and the Environment

Principles: Follow the Science, Follow the Law, Be Transparent, Advance Justice and Equity

Strategy 1: Ensure Scientific Integrity and Science-Based Decision Making

Strategy 2: Consider the Health of Children at All Life Stages and Other Vulnerable Populations

Strategy 3: Advance EPA's Organizational Excellence and Workforce Equity

Strategy 4: Strengthen Tribal, State, and Local Partnerships and Enhance Engagement

Goal 1: Tackle the Climate Crisis

- **Obj 1.1:** Reduce Emissions that Cause Climate Change
- **Obj 1.2:** Accelerate Resilience and Adaptation to Climate Change Impacts
- **Obj 1.3:** Advance International and Subnational Climate Efforts

Goal 2: Take Decisive Action to Advance Environmental Justice and Civil Rights

- **Obj 2.1:** Promote Environmental Justice and Civil Rights at the Federal, Tribal, State, and Local Levels
- **Obj 2.2:** Embed Environmental Justice and Civil Rights into EPA's Programs, Policies, and Activities
- **Obj 2.3:** Strengthen Civil Rights Enforcement in Communities with Environmental Justice Concerns

Goal 3: Enforce Environmental Laws and Ensure Compliance

- **Obj 3.1:** Hold Environmental Violators and Responsible Parties Accountable
- **Obj 3.2:** Detect Violations and Promote Compliance

Goal 4: Ensure Clean and Healthy Air for All Communities

- **Obj 4.1:** Improve Air Quality and Reduce Localized Pollution and Health Impacts
- **Obj 4.2:** Reduce Exposure to Radiation and Improve Indoor Air

Goal 5: Ensure Clean and Safe Water for All Communities

- **Obj 5.1:** Ensure Safe Drinking Water and Reliable Water Infrastructure
- **Obj 5.2:** Protect and Restore Waterbodies and Watersheds

Goal 6: Safeguard and Revitalize Communities

- **Obj 6.1:** Clean Up and Restore Land for Productive Uses and Healthy Communities
- **Obj 6.2:** Reduce Waste and Prevent Environmental Contamination
- **Obj 6.3:** Prepare for and Respond to Environmental Emergencies

Goal 7: Ensure Safety of Chemicals for People and the Environment

- **Obj 7.1:** Ensure Chemical and Pesticide Safety
- **Obj 7.2:** Promote Pollution Prevention

https://www.epa.gov/planandbudget/strategicplan

BRIEFING ROOM

Executive Order on Tackling the Climate Crisis at Home and Abroad

JANUARY 27, 2021 • PRESIDENTIAL ACTIONS

The United States and the world face a profound climate crisis. We have a narrow moment to pursue action at home and abroad in order to avoid the most catastrophic impacts of that crisis and to seize the opportunity that tackling climate change presents. Domestic action must go hand in hand with United States international leadership, aimed at significantly enhancing global action. Together, we must listen to science and meet the moment.

By the authority vested in me as President by the Constitution and the laws of the United States of America, it is hereby ordered as follows:

PART I — PUTTING THE CLIMATE CRISIS AT THE CENTER OF UNITED STATES FOREIGN POLICY AND NATIONAL SECURITY

Section 101. Policy. United States international engagement to address climate change — which has become a climate crisis — is more necessary and urgent than ever. The scientific community has made clear that the scale and speed of necessary action is greater than previously believed. There is little time left to avoid setting the world on a dangerous, potentially catastrophic, climate trajectory. Responding to the climate crisis will require both significant short-term global reductions in greenhouse gas emissions and net-zero global emissions by mid-century or before.

- Directed development of agency Climate Action Plans
- **Created the Justice40 initiative (Section 223)**

- Directed development of Climate Adaptation Implementation Plans
- https://epa.gov/climate-adaptation/climate-adaptation-plan

- Covers 5 agency-wide and 28 regional priorities
- Will be publicly available later this month

Justice40

Investment Focus Areas

- Climate change
- Clean energy and energy efficiency
- Clean transit
- Affordable and sustainable housing
- Training and workforce development
- Remediation and reduction of legacy pollution
- Development of critical clean water and wastewater infrastructure

EPA Focus Areas

- 6 Pilot Areas
  - Drinking Water State Revolving Fund
  - Clean Water State Revolving Fund
  - Reducing Lead in Drinking Water
  - Superfund
  - Brownfields
  - Diesel Emission Reductions Act (DERA) Program
- Full list (June 2022) includes 73 programs
  - https://www.epa.gov/system/files/documents/2022-07/Justice40 Initiative Covered Programs List for EPA.pdf

Imbedding Environmental Justice into Climate Work

Environmental Justice Grants & Technical Assistance

- EJ Small Grants **[COMING SOON]**
- Collaborative Problem-Solving Cooperative Agreements **[COMING SOON]**
- State/Tribal/Local Government Cooperative Agreements **[COMING SOON]**

Thriving Communities Technical Assistance Centers [OPEN NOW – Application Deadline: October 4]

- EPA-DOE partnership to fund 5 – 10 centers across the nation
- Centers will provide technical assistance, training, and capacity-building support to underserved communities with EJ and energy concerns
- Program will complement DOT Thriving Communities Initiative

Community-Based Training & Outreach

Imbedding Climate into EPA Programs

Financial Assistance Agreements

- Brownfields
- Pollution Prevention
- Diesel Emissions Reduction Act / Clean School Bus Program

Future Investments from BIL and IRA

EPA Climate Tools & Resources

Climate Change Website

https://epa.gov/climate-change

Climate Adaptation Website

https://epa.gov/climate-adaptation

30 Years of Climate Partnership at EPA

Climate Partnership Programs

https://epa.gov/climate-change/partnership-programs

Climate Change Adaptation Resource Center (ARC-X)

https://www.epa.gov/arc-x

EJScreen

https://www.epa.gov/ejscreen

EnviroAtlas

https://www.epa.gov/enviroatlas

Questions or Comments

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