

OMS FY2024 Climate Adaptation Implementation Plan Addendum:

Following the release of its 2022 Climate Adaptation Implementation Plan (CAIP), the Office of Mission Support significantly increased its efforts to incorporate climate adaptation planning its programs, policies, and operations. OMS is responsible for ensuring the sustainable and continuous operation of the Agency's buildings, employee safety, physical security, grants and procurement. This plan describes how OMS has been progressing in achieving the targets set forth their 2022 Climate Adaption Implementation Plan, to incorporate climate change adaptation and resiliency into facilities operations, personnel training, and procurement and into IRA and BIL grant programs.

In response to the release of Executive Order 14008: *Tackling Climate Change at Home and Abroad*, OMS conducted a vulnerability survey for each of EPA's owned and leased facilities to understand the Agency's overall exposure and vulnerability to climatic and natural hazard events. In 2022 Office of Real Property, Safety and Sustainability (ORPSS, formerly Office of Administration) began conducting Climate Resiliency Assessments at its owned- facilities to further characterize the relationship between exposure, likelihood, and scope of consequences to the mission, workforce, assets, and surrounding community. To date, ORPSS has conducted eleven of the eighteen owned-facility site visits and by the end of FY2024 ORPSS plans to have eleven completed reports and conduct 3 more assessment site visits. The outcome for each report is a meeting of key stakeholders who review the assessment recommended projects and vote on the highest priority recommendation to increase the resiliency of the facilities. As a goal of the 2022 CAIP OMS has committed to initiate projects voted as "very high-priority" within two years of a report's completion. In the 2023, EPA initiated its first high priority project resulting from the climate assessments and awarded a feasibility study to explore solutions to harden the main causeway against hazards to allow continued access to the ORD Laboratory in Gulf Breeze, Florida. In 2024 OMS initiated the second resiliency project from an FY22 assessment, by awarding a design contract to make necessary repairs to vulnerable buildings at the Narraganset Laboratory in Rhode Island. However, continuity of the resiliency assessment program and initiation of the very-high priority projects are dependent on budget allowances. In addition to resiliency work, OMS-ORPSS has committed to incorporating energy efficiency and greenhouse gas mitigation considerations into the Agency's facility master planning process to identify opportunities for carbon-free and net-zero solutions, and to mitigate potential negative impacts to the surrounding and disadvantaged communities. EPA's owned facilities in Ada and Gaar Corner, Oklahoma are geographically located within ancestral and tribal lands. The facility staff at this site alongside a Historic Preservation Officer and OITA will coordinate consultations with local tribes and communities for feedback on proposed projects at EPA facilities. Lastly, ORPSS set an FY24 priority action to increase climate literacy by conducting OSHA Heat Safety trainings with the Safety Heath and Environmental Managment (SHEM) teams at EPA facilities. This training will allow for EPA personnel to practically use climate change information to protect the health, safety and well-being of EPA personnel from the impacts of increasing extreme heat days.

OMS is addressing gaps in guidance and process pathways to incorporate climate change adaptation into various competitive and non-competitive grant programs. More specifically, OMS' Office of Grants and Debarment (OGD) has been working closely with region and program offices since 2022 to provide guidance on administering IRA/BIL funds. OGD Co-leads of the Financial Assistance Workstream for the Resilient Infrastructure Subgroup on Climate with the State Revolving Fund in the Office of Water, which supports regional and programmatic offices in developing standard language, criteria and guidance

for climate change adaptation projects and administering IRA/BIL grant funding programs. OMS-OGD has played a significant role in the initiatives put forth by the Financial Assistance Workstream within RISC. OGD's role in the group has allowed for regional and programmatic offices to receive guidance on designing grant competitions or establishing noncompetitive justifications for programs not suited for competition and streamlining grant operations to ensure efficient and timely awards- which is pivotal to the agency as OGD cannot set requirements for programs to incorporate climate specific criteria solicitations. To track this progress OGD has also set a Priority Action to enhance the Next Generation Grants System (NGGS) reporting system to establish a "Special Events Code" to enable tracking more efficient tracking for grants addressing climate issues by the end of FY24. Additionally, OGD is partnering with OGC, OEJECR, and other subject matter experts across EPA to develop more comprehensive guidance and suggested language to address EJ considerations and climate goals in Notices of Funding Opportunities and grading criteria. Additionally, a there is an FY24 target to develop a formal training to help with grants competition design. OGD will also coordinate with OITA to make available any guidance or language released by subject matter experts working with TIK integration in solicitations.

Lastly, OMS has been addressing vulnerabilities and risks to EPA's supply chain capabilities and implementing acquisition policies and language to better assist the Agency with incorporating climate change considerations. The Office of Acquisition Solutions (OAS) has been working closely with both Program and Support Offices to expand and redefine the criteria for excepted contracts in 2022 to identify mission-critical risks and allow for additional continuity of services and funding in the event of a natural and climate disaster or shutdown scenario, to protect employee safety and owned assets. This expanded definition for excepted contracts was submitted to and approved by the Acquisitions Management Council in late 2023, and since then the Agency has identified over 1,400 contracts that are deemed critical to the Agency's mission. Starting in 2024 OAS will be conducting an in-depth Supply Chain Risk Assessment (SCRA) for all identified "excepted" contracts, as a part of their FY24 priority actions. The SCRA for excepted contracts seeks to start characterizing the relationship between exposure, vulnerability, and the potential magnitude of consequences to the supply chains from climate change and preserve the EPA Mission. Increased supply chain resiliency has potential positive downstream impacts for local and small businesses to provide local workforce support, allowing OMS to remain committed to support contracts 8a businesses especially where there is a geographic overlap of EPA facilities and EJ communities. Additionally, OAS is developing methods to track of BIL/IRA initiatives in contracts, through the EAS system, to understand the amount of IRA and BIL funding that have been obligated to contacts. In FY2026, at the conclusion of the SCRA, OAS plans do develop a training with best practices for mitigating supply chain risks for programs and offices.

Below are the outlined Priority Actions for OMS through FY26:

PA001-ORPSS: Conduct Climate Resiliency Assessments at all EPA Owned Laboratories and integrate the climate considerations into the planning process. *Total universe 18 laboratories*

Measure: # of assessments completed in the FY

- PA001-M001-2024: Complete 5 assessments and initiate 2 projects.
 - PA001-SA001: Complete assessments for Fort Meade, Edison, Corvallis, Newport and Duluth
 - PA001-SA002: Initiate 2 projects from the assessments completed in FY22 (Gulf Breeze and Narragansett)
- PA001-M001-2025: Complete 3 assessments and initiate at least 4 projects.
 - PA001-SA001: Complete assessments for Athens, AWBERC, Ann Harbor

- PA001-SA002: Initiate 4 projects from the assessments completed in FY23 (Manchester, Cincinnati T/E, Montgomery, Ada and Gaar Corner)
- PA001-M001-2026: Complete final assessment and initiate 5 projects.
 - PA001-SA001: Complete RTP assessment
 - PA001-SA002: Initiate 5 projects from the assessments completed in FY24 (Fort Meade, Edison, Corvallis, Newport and Duluth)

PA002-ORPSS: Assess the Net Zero Emissions potential at all EPA Owned Laboratories and integrate Greenhouse Gas mitigation and sustainability considerations into the planning process.

- PA002-M001- 2024: Assess electrification potential at EPA Owned labs and complete NZE plans for facilities major renovations or Master Plans Revisions within the last 2 years. (4 master plans)
- PA002-M001- 2025: Complete three Master Plans with integrated net zero emission assessments and initiate one electrification/mitigation/GHG reduction activities.
 - PA002-SA001: Complete integrated master plans at Manchester, Research Triangle Main Facility and National Computer Center.
 - PA002-SA002: Initiate one of GHG Mitigation Projects from the NZE Master Plan
- PA002-M001- 2026: Complete two Master Plans with integrated net zero emission assessments and initiate one of electrification/mitigation/ GHG reduction activities.
 - PA002-SA001: Complete integrated Master Plans at Andrew W. Breidenbach Environmental Research Center and Edison
 - PA002-SA002: Initiate one GHG Mitigation Projects from the NZE Master Plan

PA003-OGD: Assist Program Offices with developing language, criteria, and processes to integrate and track climate change adaptation in their solicitations and grant programs.

- PA003-M001-2024: Enhancement to the Next Generation Grants System (NGGS) to establish a “Special Events Code” to enable tracking special events such as grants addressing climate issues.
 - PA003-SA001: CO-Chair the Financial Support workstream in RISC sub-group
- PA003-M001-2025: Develop guidance for best practices in competitive grant program design.
 - PA004-SA001: Develop best practices guidance with program offices.

PA004-OAS: Assess EPA’s overall supply chain risks, develop capabilities to manage them, and implement acquisition policy incorporating climate change considerations.

- PA005-M001-2024: OAS will assess and address the number mission-critical contracts supply chain risks and mitigate risks to the Agency. (# of mission Critical contracts identified)
 - PA005-SA001: OAS will define/differentiate mission-essential and mission-critical contracts to identify vulnerabilities in affected contracts.
- PA005-M001-2025: OAS will assess and address all other contracts supply chain risks and mitigate risks to the Agency (# of other contracts with Critical and High-Risk vulnerabilities)
 - PA005-SA001: identify contracts that are non-mission critical (i.e., mission essential, non-essential, etc.)
- PA005-M001-2026: OAS will develop and implement acquisition policy incorporating climate change considerations.

PA005-OMS: OMS will enhance internal trainings to improve understanding of climate change adaptation and EJ considerations across the support program staff. Measure: number of staff trained

- PA005-M001-2024: OGD will develop a training on grant program development and design for competitive grants.
- PA005-M001-2025: ORPSS will provide a training at the Annual Facilities Conference to EPA facility staff and managers to increase awareness and understanding of climate change impacts to Agency Assets.
- PA005-M001-2026: OAS will raise workforce awareness on managing and mitigating supply chain risks through the development of program and regional offices trainings.

PA006-OMS: OMS will report actions to AIEO and AIEO will report to OP quarterly on our behalf.