**Allie shepard   
Clean energy and climate planner ii**



As part of the Clean Energy team, Allie works with municipalities to develop Climate Action Plans, inventory greenhouse gas emissions, electrify various modes of transportation, and streamline renewable energy permitting.

**RELEVANT EXPERIENCE**

**Metropolitan Area Planning Council, Boston, MA**

**Clean Energy and Climate Planner II, 2023 – present.**

* Regional Climate Action Plan, Deputy Project Manager. Leading the development of a climate action plan for the Greater Boston region through the EPA’s Climate Pollution Reduction Grant Program. Coordinating stakeholders across 167 municipalities to prioritize Environmental Justice, equity, and regional collaboration in the plan’s strategies.
* Reading Net Zero Action Plan. Supporting the development of a GHG inventory, an audit of existing climate policies and actions, strategy development, and community and stakeholder engagement.
* Electric School Bus Strategy Study, Project Co-Manager. Conducting a study of school bus electrification pathways for a cohort of municipalities and school districts.
* Electric Cargo Bike Pilot, Deputy Project Manager. Expanding e-cargo bike delivery pilot projects from Boston to other cities in the Greater Boston region.
* Distributed Energy Resources Permitting Pilot, Deputy Project Manager. Working with a cohort of municipalities to simplify and reform the permitting processes for solar + storage and EVSE in existing buildings.
* MA Grid Modernization Advisory Council. Supporting MAPC’s role on the council, which is to represent municipal interests in the development of the utilities’ Electric Sector Modernization Plans.

**NYC Mayor’s Office of Climate and Environmental Justice, New York, NY**

**Environmental Defense Fund Climate Corps Fellow, 2022.** Supported rulemaking for NYC’s Local Law 97 by identifying methodologies and use cases for carbon offsets. Led the compilation of NYC’s climate mitigation and adaptation progress for the C40 Cities and Global Covenant of Mayors for Climate & Energy report.

**Massachusetts Institute of Technology, Cambridge, MA**

**Research Assistant, 2021-2023.** As a research assistant for MIT’s Climate Pathways Project, analyzed the impact of Building Performance Standards on housing affordability and developed recommendations for policymakers to improve equity outcomes of building decarbonization policies.

**Guidehouse (formerly Navigant), Burlington, MA**

**Senior Consultant, 2019-2021.** Developed techno-economic and cost-benefit models for microgrid development, solar + storage programs, and emerging technology incentive programs. Supported utility-scale electric vehicle charging infrastructure planning. Evaluated utility energy efficiency and grid modernization programs.

**EDUCATION**

**Massachusetts Institute of Technology**

M.S., Technology and Policy, 2023

B.S., Chemical Engineering, 2019