

SCL FUTURE: Seattle City Light's Furthering Utility Technology for Urban Resilience and Electrification

2024 US Department of Energy Grant Request

Grid Resilience and Innovative Partnerships (GRIP)

SCL FUTURE



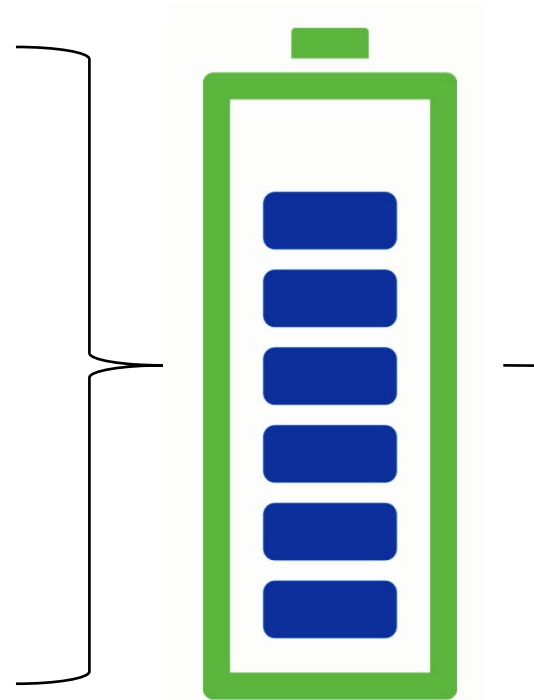
Climate change



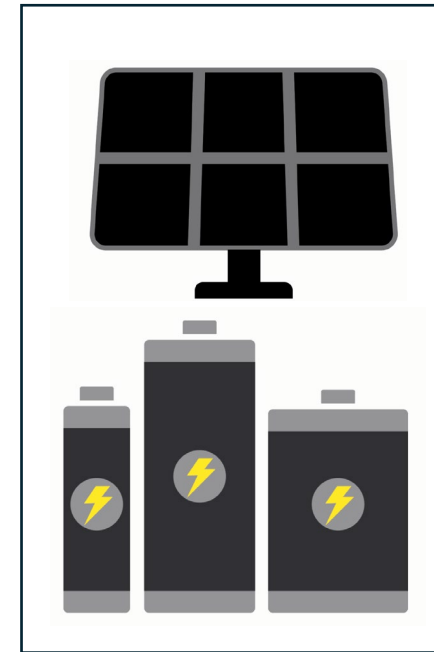
Decarbonization goals



Electrification



Resource adequacy challenge



VPP of DERs

- Virtual Power Plant
- Distributed Energy Resources

SCL FUTURE Grant Request:

- Software upgrades
- Substation upgrades
- DER Interconnections

Connections to the Green New Deal Board's Goals

- SCL FUTURE Community Benefits Plan
 - Community engagement
 - Workforce development
 - DER deployment
 - Targeted substation upgrades
- Green New Deal Board Pillars
 - Pollution reduction
 - Equitable and inclusive low-carbon economy
 - Climate resilience



Ask for the Green New Deal Board

- Where do you see opportunity for the GNDB to add value and engage with this project?
- Letter of support



GND OB Update

Citywide Resilience Hub Plan

March 2024

Office of Sustainability & Environment



City of Seattle

Roadmap

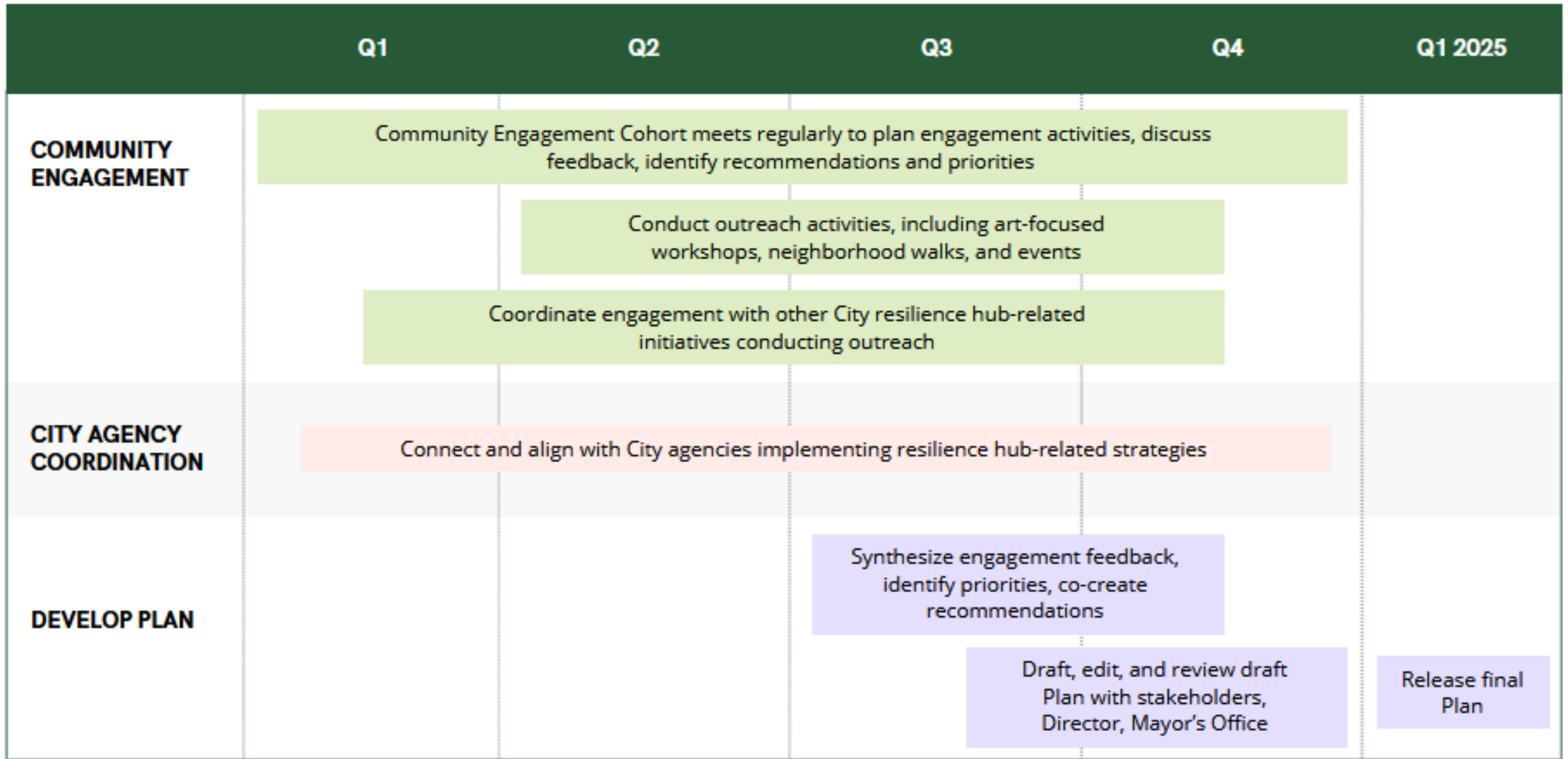
- 1 | Research Update
- 2 | Project Timeline
- 3 | Engagement Update
- 4 | Final Plan Draft Outline



Research Update

- Office of Emergency Management (OEM) is developing a gap analysis/needs assessment to inform engagement and recommendations
- Known gaps include:
 - **Few buildings with services open during non-catastrophic event disruptions**
 - Lack of resourced response for disruptions
 - **Insufficient coverage** for catastrophe and non-catastrophe, especially for **frontline communities**
- OSE is developing an economic case for resilience hubs to show the value of everyday preparedness/resiliency





Engagement Guiding Questions

PHASE I: LEVEL SET AND CONNECT

(March – June 2024)

What we want to learn:

- What are the top climate change issues
- How do people connect to their community or neighborhood
- Where do people go for information and/or resources

PHASE II: CREATE, CONFIRM, AND PRIORITIZE STRATEGIES

(July – September/October 2024)

What we want to learn:

- Which resilience hub investments and components are the highest priority for community members, and for organizations interested in becoming resilience hubs
- Which City resilience hub-related investments resonate strongest
- Which organizations are interested in becoming resilience hubs
- Did we miss anything?



Plan Draft Outline

I. Executive Summary

II. Introduction, Background, and Research

- Primer on resilience hubs
- Overview of City of Seattle resilience hub investments
- Gap analysis findings and economic case for resilience hubs

III. Engagement Process and Summary

- Approach to engagement, selection and introduction of Cohort members
- Identified geographies, communities, and conducted engagement activities
- Feedback analysis and summary

IV. Priorities and Recommendations

- Overview of City agencies with resilience hub-related initiatives
- Identify priorities and recommendations heard from outreach and supported by City agencies

V. Conclusion



Questions, Answers, Discussion

March 2024

Office of Sustainability & Environment



City of Seattle