

THE VINEYARD WAY

Climate Action Plan Update



November 2023

Climate Action Plan

Agenda

- CAP Implementation Updates and Challenges
- MVP 2.0
- NOAA Proposal
- Next Steps

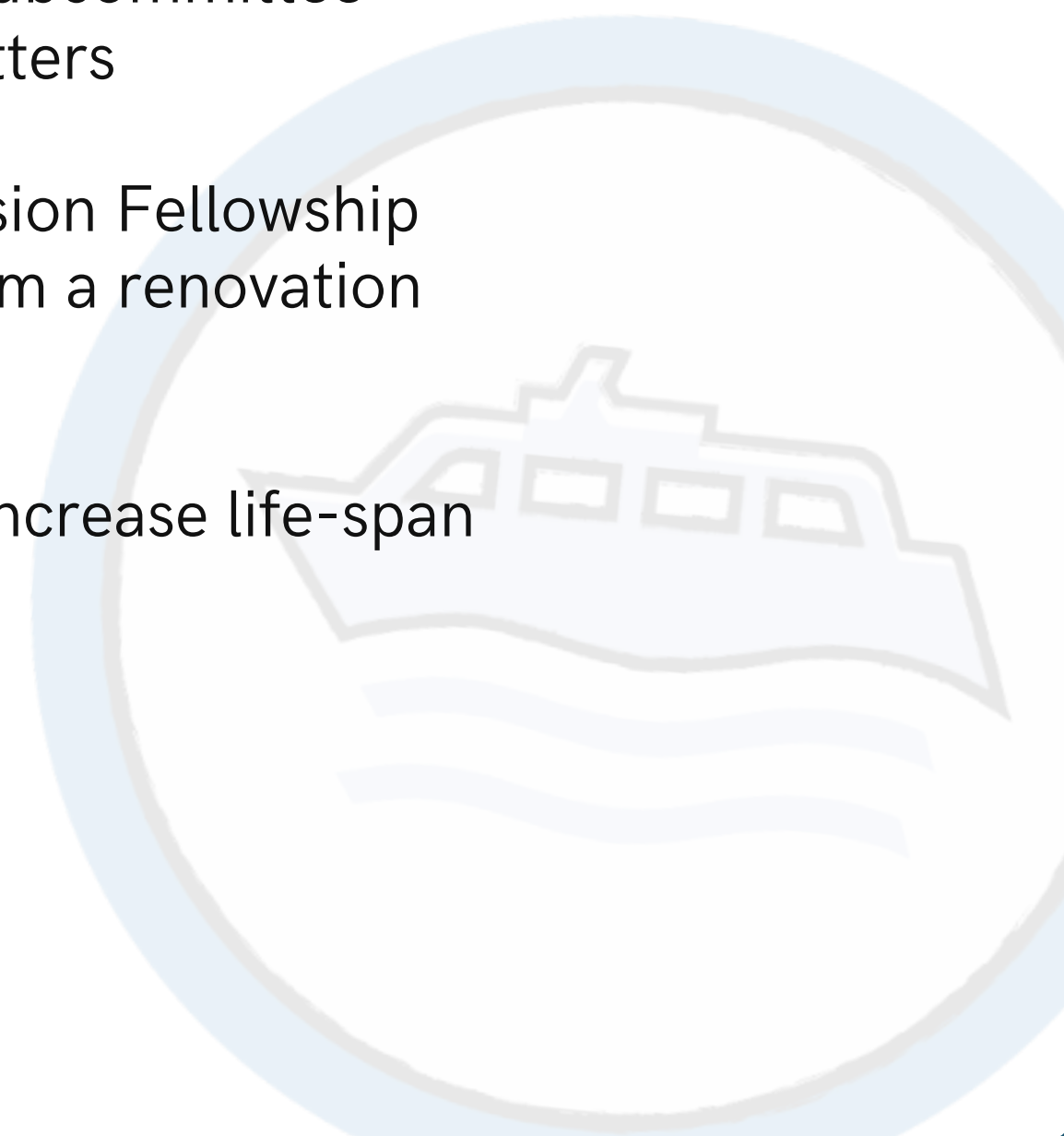
Land Use, Natural Resources, and Biodiversity

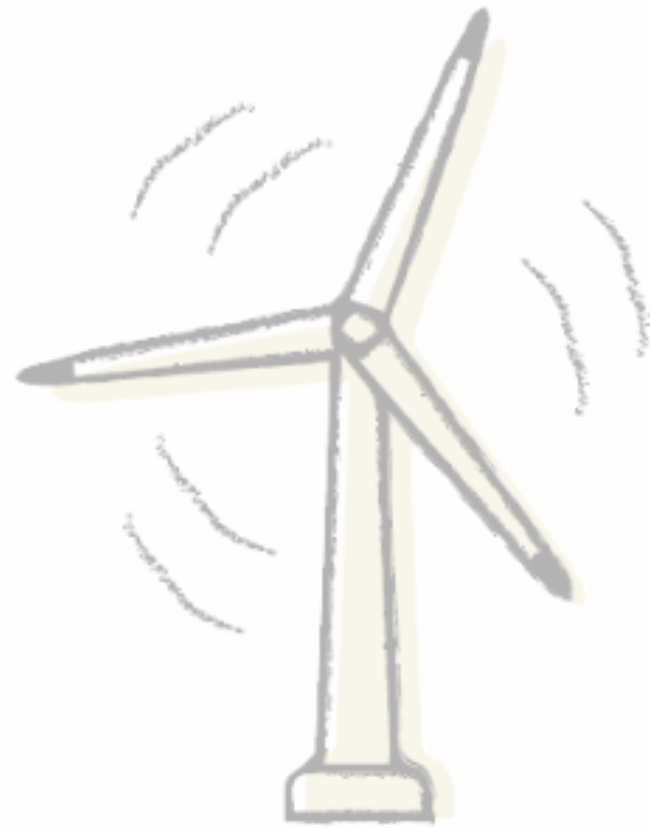


- The Municipal Vulnerability Program **grant awarded:**
 - **Updated vegetation mapping of the Vineyard and Nantucket** (Town Conservation Commissions, Sheriff's Meadow Foundation, Polly Hill Arboretum, Vineyard Conservation Society, Martha's Vineyard Shellfish Group, MV Land Bank, Trustees of the Reservations, Biodiversity Works, the Town of Nantucket)
 - **Map eelgrass in Lake Tashmoo, Lagoon Pond and Sengekontacket Pond** to help identify future aquaculture sites (MV Shellfish Group, Great Pond Foundation)
 - **Focus groups with the landscape community to understand the barriers and opportunities for climate resilient and native landscaping** (BiodiversityWorks, Polly Hill Arboretum, and Vineyard Conservation Society, Vision Fellowship)
 - **Planning and coordination support for a 2024 Climate Action Fair including support for a Brazilian Community Event**
- **MVC has drafted a MVC DRI Policy for flood risk areas**
- **Vineyard Vision Fellow and the MVC began a study of the local production and applications of bio- char**

Transportation, Infrastructure, and Waste

- MVC Task Force began phase one of a supply chain/carrying capacity study with a focus on water-related components
- An MVC liaison attends monthly Steamship Authority meetings and subcommittee meetings to learn of and update the MVC on SSA climate-related matters
- The Construction and Demolition Waste Committee and Vineyard Vision Fellowship implemented and documented a pilot project on reclaiming waste from a renovation project
- The SSA has upgraded the OB pier and added three freight boats to increase life-span 25 years.





Energy Transformation Highlights

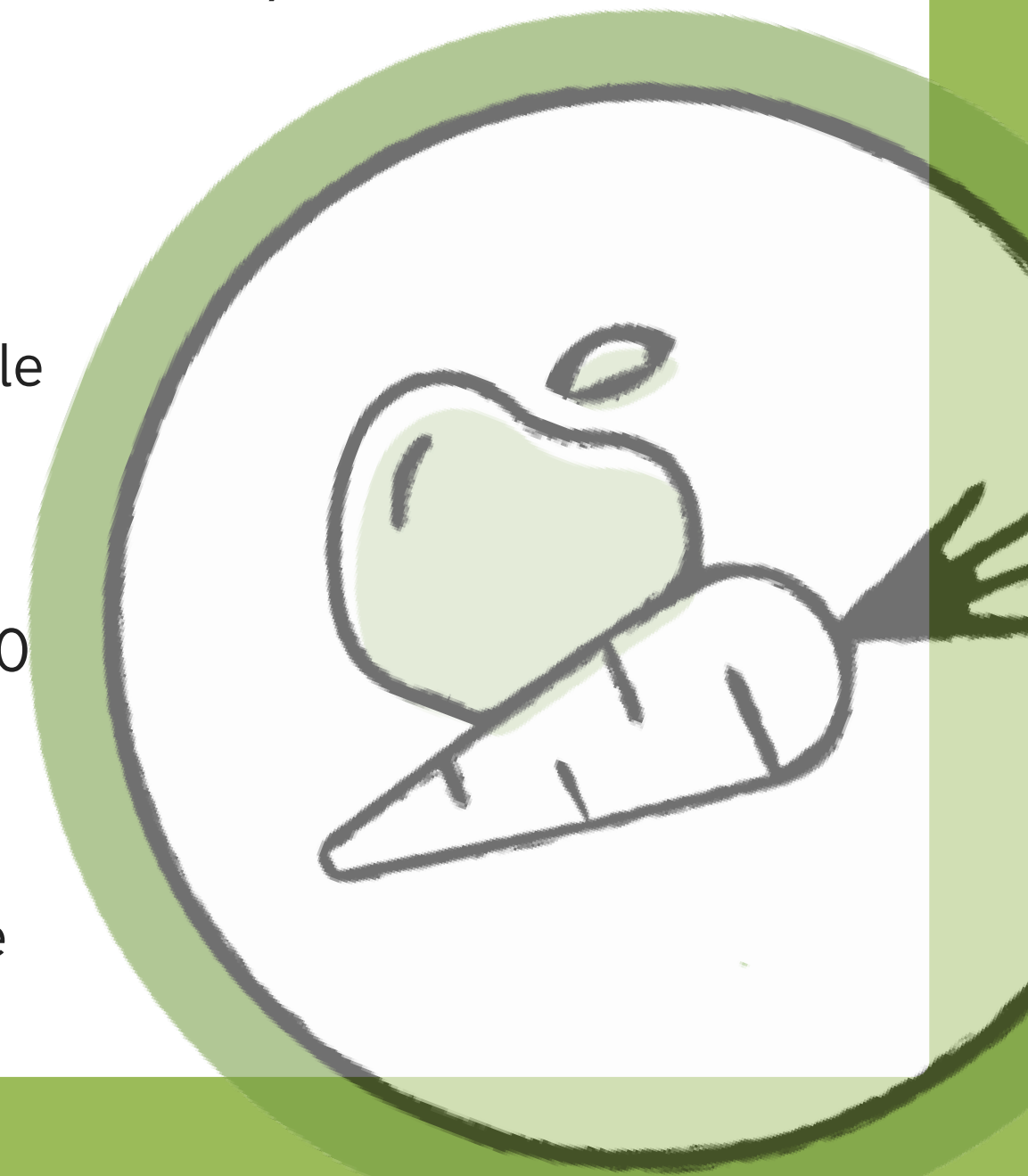
- Vineyard Power/Cape Light Compact (CLC) pledged to donate up to \$200,000 a year for CLC to distribute among income eligible ratepayers. This donation aims to deliver savings totaling between \$300-400 every year.
- Since 2022, Cape Light Compact has supported the installation of 33 heat pumps and 21 heat pump hot water heaters for low income residences

Vineyard Power conducted over 60 outreach events and launched an Energy Coach program on solar, EVs, and/or buildings. Have supported ~30 residents so far.

Vineyard Power has become an Associate Member of the Martha's Vineyard Builders Association to share resources and training

Food Security Highlights

- IGI has secured a location in Oak Bluffs for a permanent home for the Food Pantry with plans for solar and battery back-up for energy resilience
- The West Tisbury farmers market is now able to process SNAP/HIP. SNAP is accepted year-round at Morning Glory Farm, and IGI Mobile Market and Norton Farm accept SNAP seasonally.
- With support from IGI, both the MV Hospital and Island Health Care have enrolled patients in Fresh Connect.
- Native seeds are now incorporated into the Community Seed Library!
- MVFPT received grants to purchase, process, and donate over 4,600 lbs of whole fish, 75 lbs of sea scallops, 110 lbs of lobster, and 760 clams to islanders in need.
- In 2022, the MV Tick Program is compiled training materials for new hunters and in collaboration with IGI donated and distributed 10 deer amounting to ~400 lbs of venison through the Island Food Pantry and other local food equity providers
- Cottage City Oysters is working with the Natural Resources Department in Tisbury to create new aquaculture/waterways regs that will provide gear storage lots.



Economic Resilience

- Vineyard Power is working with schools to discuss renewable energy and energy efficiency with a focus on career pathways for older students
- Vineyard Power is collaborating with ACE MV to explore the possibility of establishing an on-island certification/training program for HVAC installers.
- Through the MVC an initial analysis was drafted to identify funding needs and potential sustainable finance mechanisms that could be developed (e.g. fee for tourists).

Public Health and Safety

- A climate change sub-committee was established in the Dukes County Health Council to focus on the links between public health and climate change.
- A survey of healthcare providers and organizations was completed to understand knowledge and gaps in health impacts of climate change.
- Two public talks were carried out linking public health and climate change. One on air quality and one on PFAS

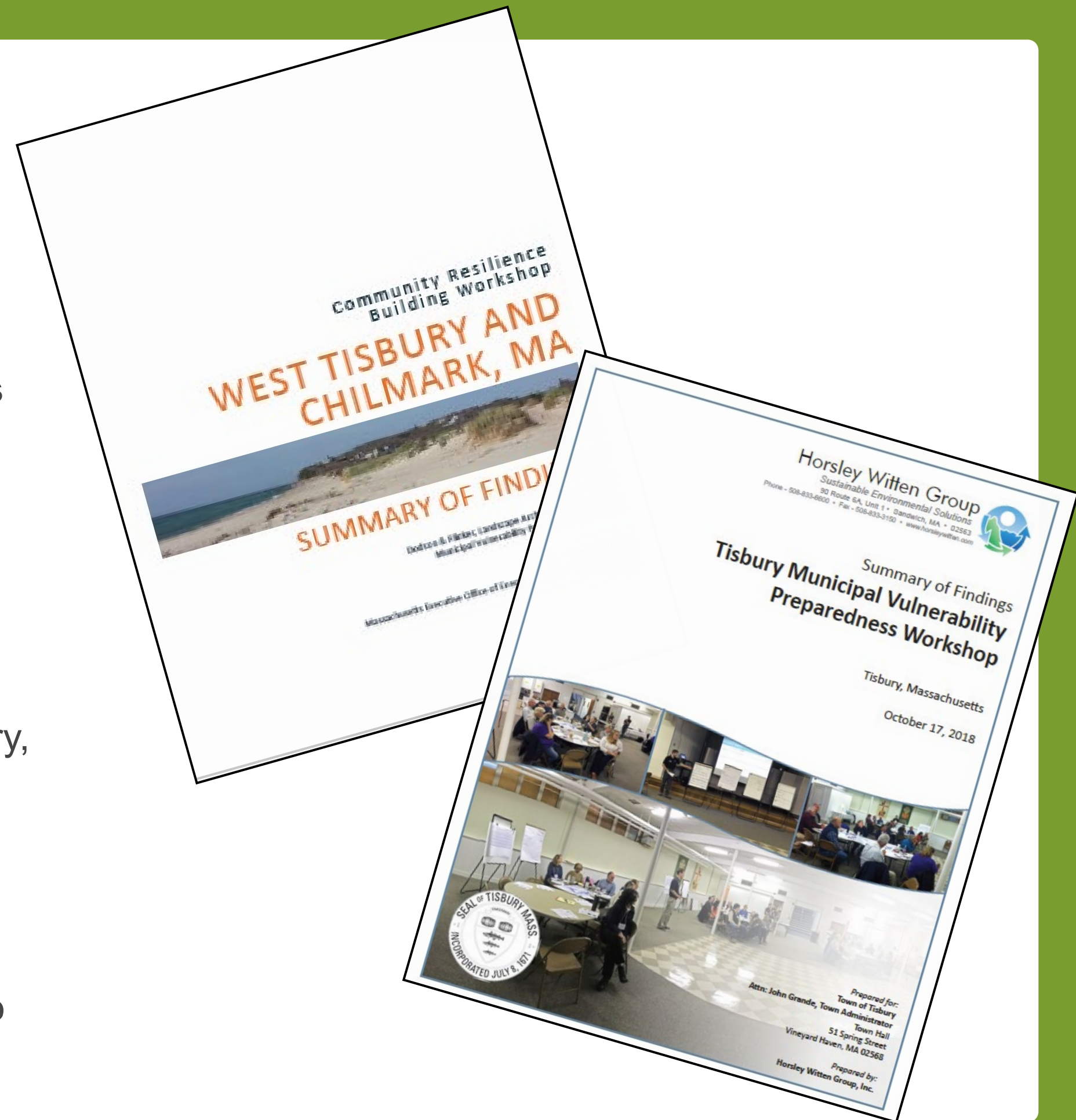
Challenges with loss of leads or lack of engagement



MVP 2.0

MA Municipal Vulnerability Program:

- **Second Phase of Program**
- **Will build-off original MVP Workshops and Reports**
- **Review of Actions and Priorities** with broader community engagement through funding and technical support to engage more members of the community especially the most vulnerable or those with barriers to engage.
- **Required Process for Future Funding** for any towns whose report is 5yrs old or more. (Tisbury, West Tisbury, Chilmark this year)
- Funding for contractor to facilitate, community engagement events and stipends. 50K to implement immediate action.
- MVC is working with your Town Climate Committees to review the process and approach....More Soon!



NOAA Regional Resilience Grant Proposal (IRA Funds)

- Letter of Intent Submitted and Approved for Full Proposal Submission
 - ~600K to support three regionally important areas of MV:
 - Vineyard Haven Harbor
 - State Beach Rd (OB to Edgartown)
 - Menemsha Harbor/Village
- Project would include:
 - Long term vulnerability assessments including current use, interactions between sectors, future challenges
 - Community visioning/goals and agreement on specific actions
 - Output: Funding package development including: 1) action design, 2) budget, 3) possible funding streams, 4) community engagement summary
 - Output: Framework for decision making (tool for future use)
 - Technical Support and Training from NOAA

NOAA Regional Resilience Grant Proposal (IRA Funds)

Full Proposal Due February 13. Support Needed from Towns:

- **Proposal Development:**
 - Meet regularly with Town Administrator to be part of proposal development/ review to ensure town interests are represented and reflected, and
 - Letters of Collaboration expressing commitment/ town engagement in the process and outcomes
- **If awarded :**
 - The Town Liaison will be paid to be part of a Steering Committee for the Overall Project and to support coordination & communication for town/community engagement in their respective town/ priority area
 - Town governments will need to be engaged to go through the process starting in June 2024- 2026.

THANK YOU FOR YOUR TIME & FEEDBACK!

Please keep checking back on our progress at:
www.thevineyardway.org

THE VINEYARD WAY

CONNECTED TO OUR PAST
COMMITTED TO OUR FUTURE

CLIMATE RESILIENCE



MARTHAS VINEYARD
COMMISSION