

Municipal Resilience Program



RHODE ISLAND
INFRASTRUCTURE BANK

EC4 Advisory Board Meeting

February 22, 2023

About the Rhode Island Infrastructure Bank

Rhode Island's centralized hub of local infrastructure investment





RESILIENT RHODY

AN ACTIONABLE VISION FOR ADDRESSING THE
IMPACTS OF CLIMATE CHANGE IN RHODE ISLAND

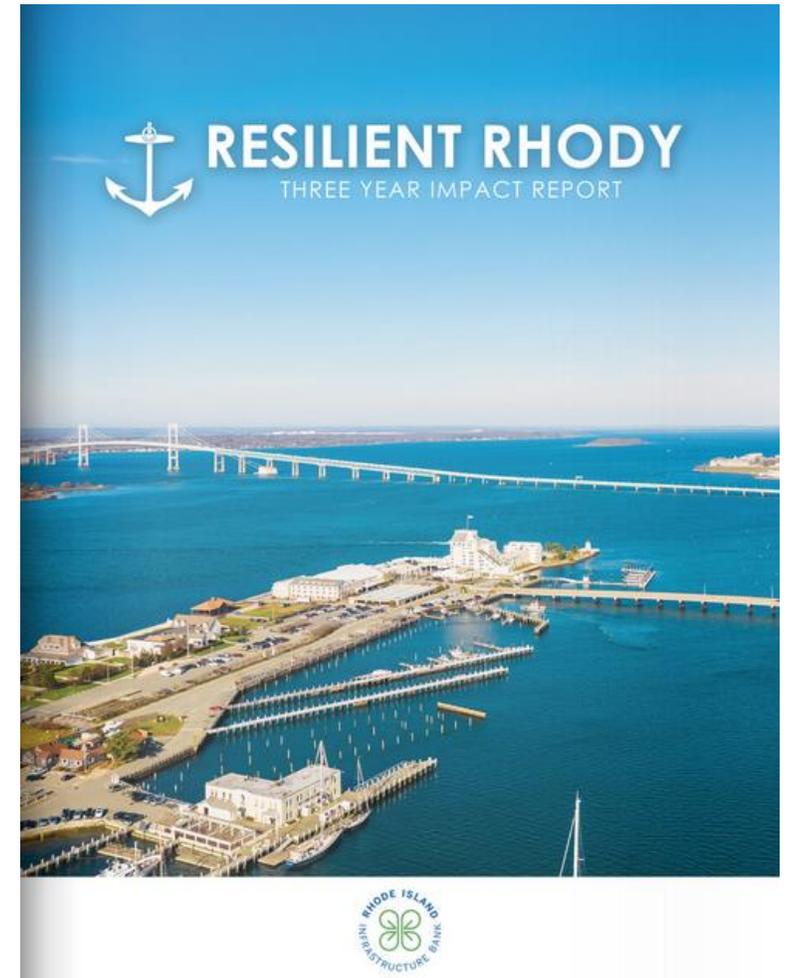


Elevating Climate Resilience

- **\$40 million** in new funding for climate resilience projects has been secured since Resilient Rhody was released in 2018
 - \$10 mm – 2018 Green Bond
 - \$2.5 mm - Rhode Island Infrastructure Bank for MRP
 - \$7 mm - 2021 Special Election Green Bond
 - \$20 mm - 2022 Green Bond and OSCAR
- Creation of the **Municipal Resilience Program**
 - 32 municipalities are participating to date
- 38 of 39 municipalities have FEMA approved Hazard Mitigation Plans
- Released Resilient Rhody 3 yr. Impact Report in November 2021

Read the Impact Report:

[Resilient Rhody Three Year Impact Report Link](#)



Resilient Rhody Three Year Impact Report

Municipal Resilience Program - Overview

1. MRP Workshops:

- **Identify** community hazards, strengths, vulnerabilities, and priority actions
- **Develop** localized resilience strategies

2. MRP Action Grants:

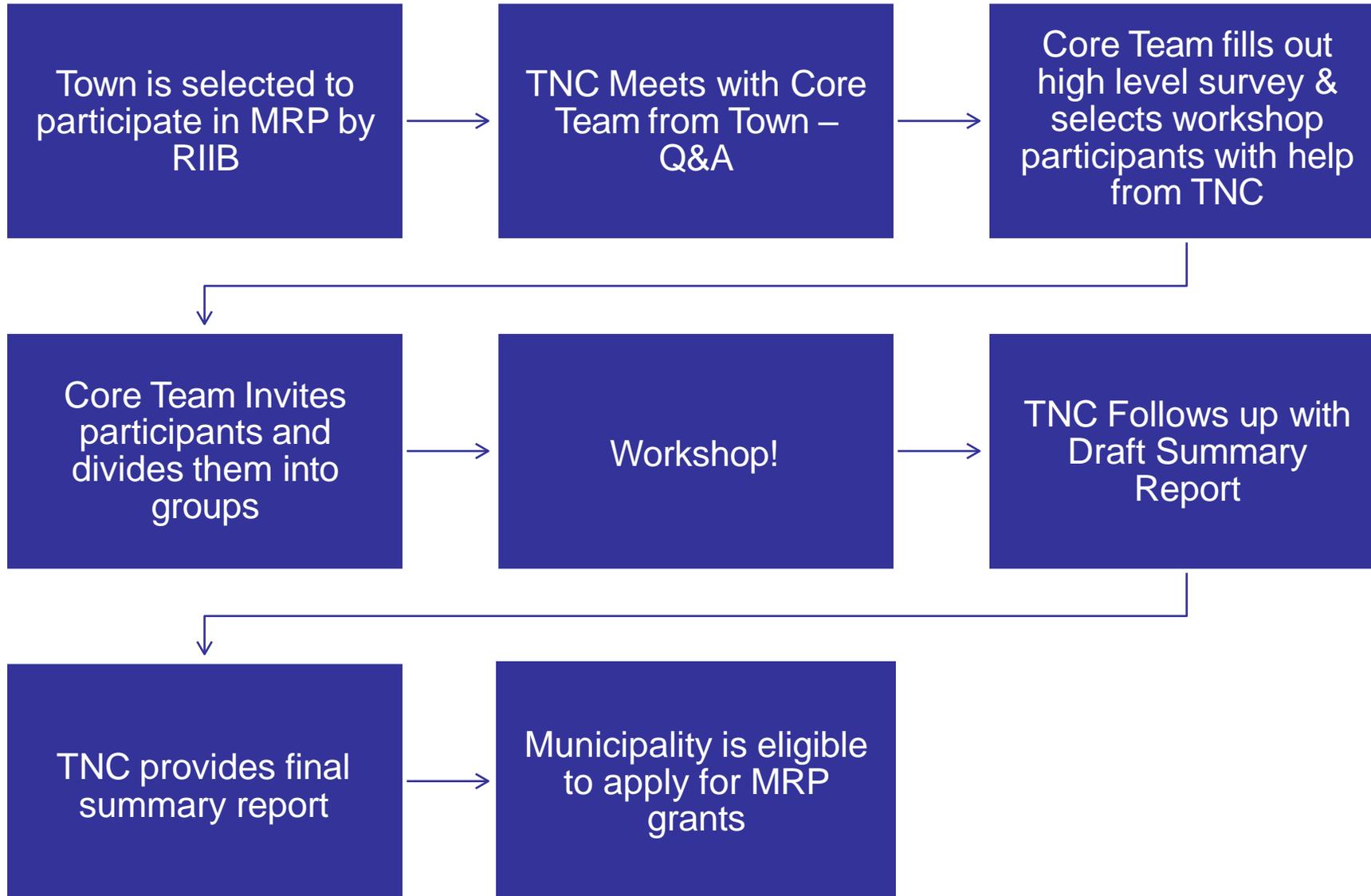
- **Fund** construction of shovel-ready capital projects with resilience benefits

3. MRP Project Pipeline:

- **Support** municipalities to identify further funding/financing sources



Workshop Process



Workshop Outcomes MRP Action Grants



MRP Action Grant - Watershed Restoration at the Bristol Golf Course

- *Restored ponds and impoundments*
- *Removed fill and culverts*
- *Daylighted streams*
- *Restored a buffer of native shrubs, trees, and grasses*



MRP Action Grant – SWIFCAP I – Stormwater Inland Flooding Climate Adaptation Project #1

- *Re-contoured and installed stormwater management BMPs along the roadside of Anthony Road*
- *Rehabilitated catch basins*
- *Installed rain gardens and restored existing wetlands*

Municipal Resilience Program

Grants Awarded:

- \$7.5 mm to MRP Action Grants across 28 awards
- In its first year alone, the MRP also helped communities access \$6mm in other grant funding for 8 MRP identified projects

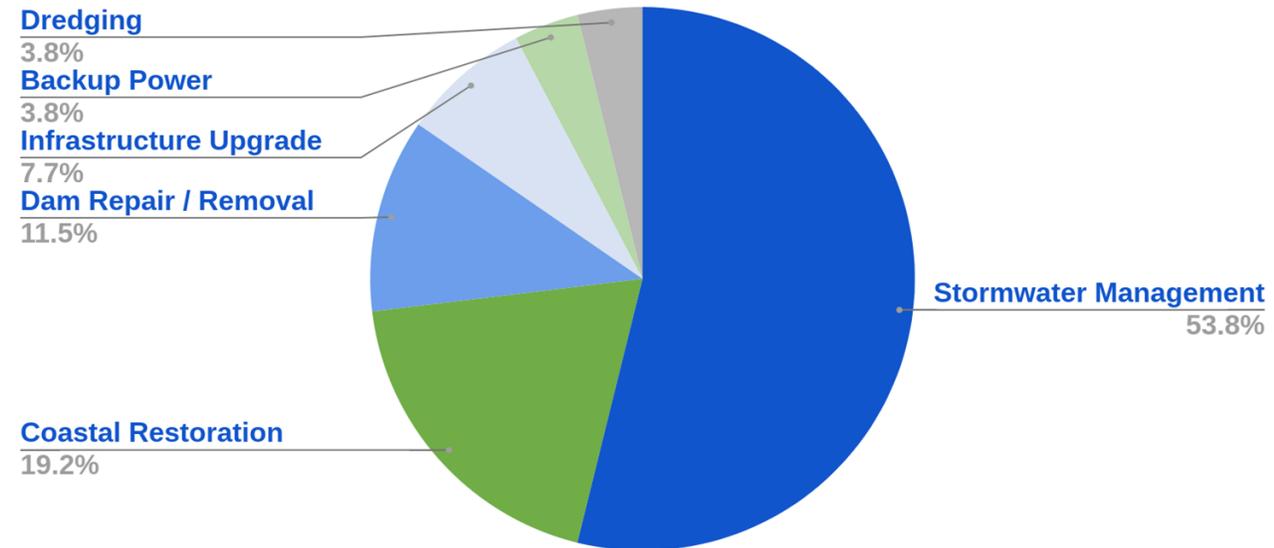
Project Need is Growing Every Year:

- MRP 2019 → 5 municipalities; **52 Projects**
- MRP 2020 → 8 municipalities; **151 Projects**
- MRP 2021 → 7 municipalities; **158 Projects**
- MRP 2022 & 2023 → 12 municipalities; Projects TBA
- Project Need to Date: **>\$175 mm**

Upcoming MRP Action Grant Funding:

- \$16 mm in additional State Green Bond funding for MRP Action Grants

MRP Funded Project Types
(\$7.5mm MRP Action Grants + \$6mm Catalyzed Funding)



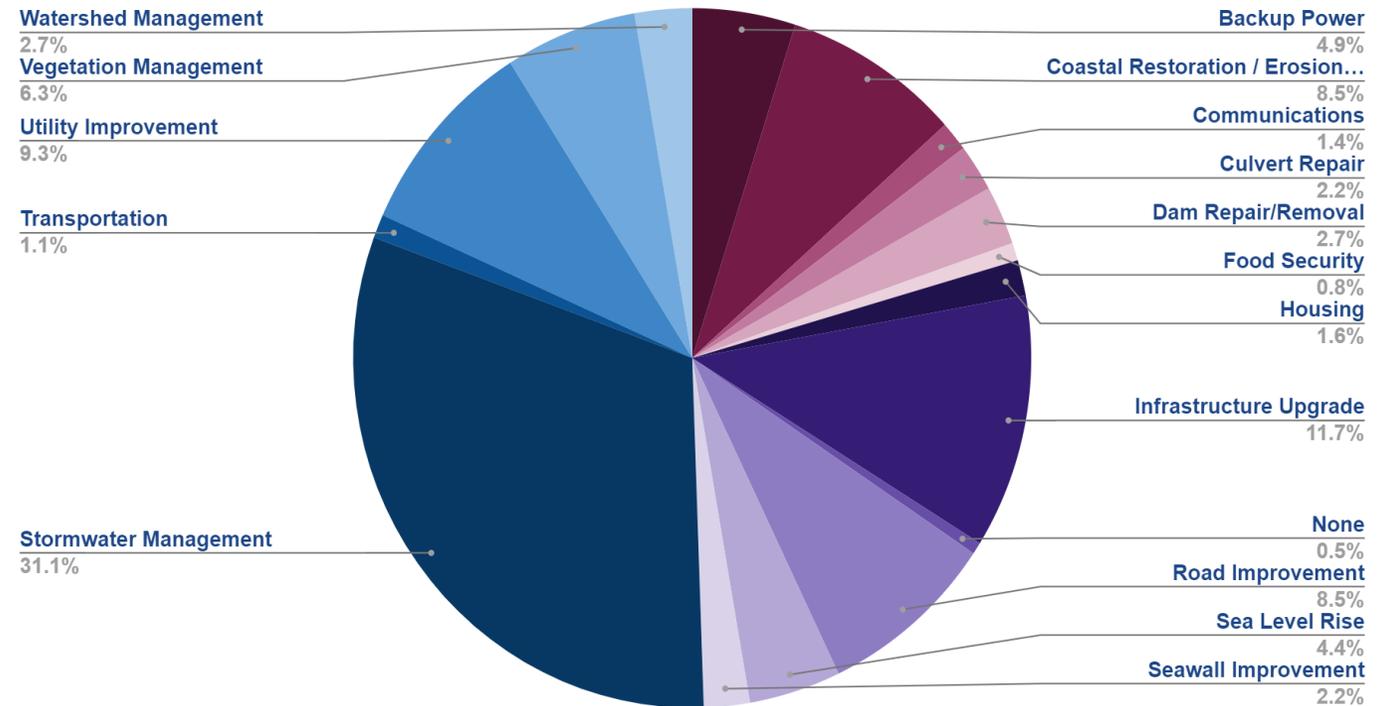
MRP Project Types

Top 5 Project Types Identified through MRP, 2019-2021:

1. Stormwater Management = 114 projects
2. Infrastructure Upgrades = 43 projects
3. Utility Improvement = 34 projects
4. Coastal Restoration / Erosion Control = 31 projects
5. Road Improvement = 31 projects

Top 5 Project Type Total: 253 projects

% of all 361 MRP Identified Projects by Project Type, 2019-2021



Municipal Resilience Program

32 of 39 Rhode Island municipalities participating

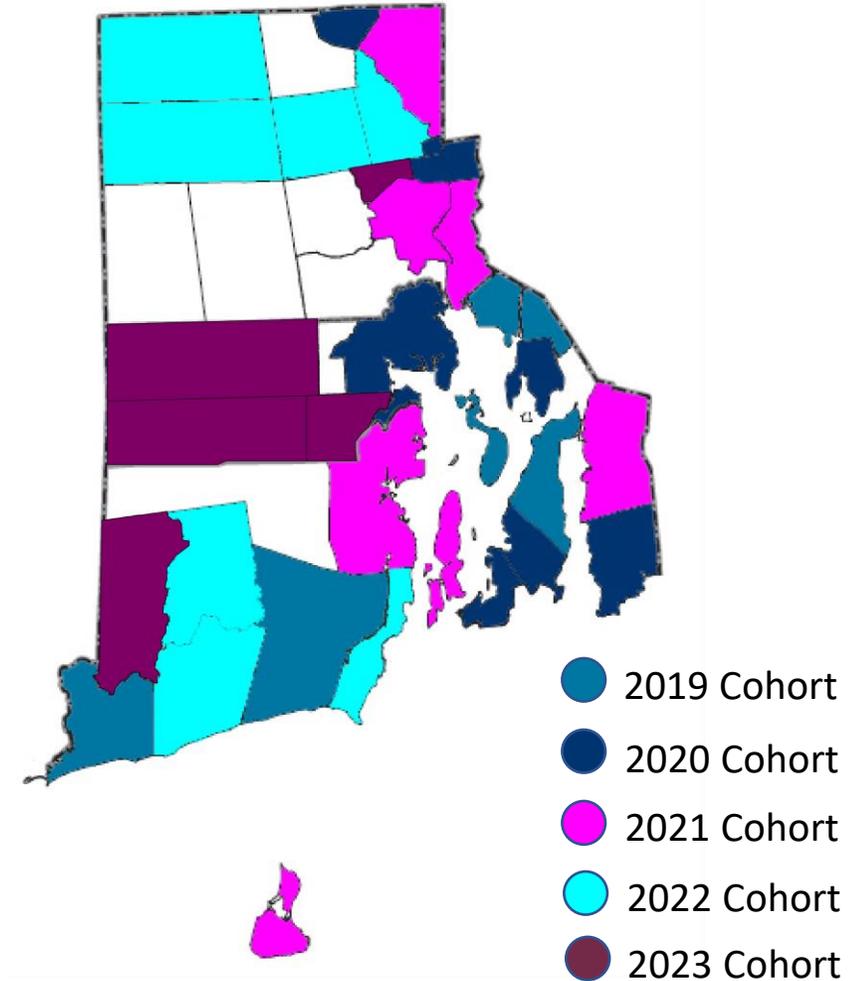
2019 | *Westerly, South Kingstown, Portsmouth, Barrington & Warren*

2020 | *Bristol, Woonsocket, Little Compton, Warwick, Pawtucket & Central Falls, Newport, Middletown*

2021 | *Cumberland, East Providence, Jamestown, New Shoreham, North Kingstown, Providence, Tiverton*

2022 | *Narragansett, Charlestown, Richmond, Glocester, Lincoln, Burrillville, Smithfield*

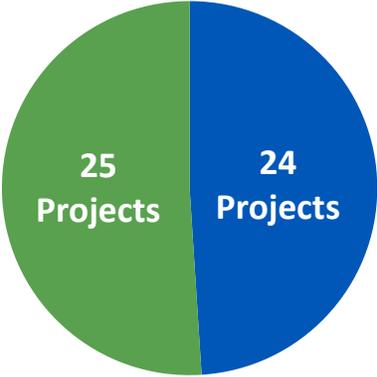
2023 | *Coventry, East Greenwich, Hopkinton, North Providence, West Greenwich..... and counting!!!*



Municipal Resilience Program Social Equity Analysis

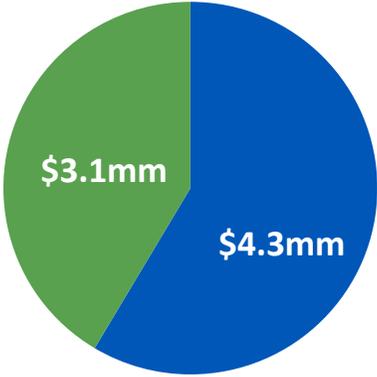
- 1 94% MRP Municipalities received MRP Action Grant funding after workshop & grant application
- 2 49 MRP Action Grant projects have received \$7.4 million to date
- 3 A substantial number of MRP Action Grants have benefitted RIIB identified disadvantaged areas

24 MRP Action Grants awarded to RIIB Identified Disadvantaged Areas



■ Projects in RIIB Identified Disadvantaged Areas
■ Projects Outside RIIB Identified Disadvantaged Areas

\$4.3mm in MRP Action Grant dollars awarded to RIIB Identified Disadvantaged Areas



■ Awarded to RIIB Identified Disadvantaged Areas
■ Awarded Outside RIIB Identified Disadvantaged Areas

Municipal Resilience Program - The Vision

We have identified 3 key areas of programmatic growth:

- 1. Expanding the MRP to all 39 municipalities** (increasing inland municipality engagement, increasing collaborative engagement between municipalities, etc.)
- 2. Expanding the breadth of technical assistance the MRP can offer** (including design & engineering assistance, identification of additional funding & financing sources, etc.)
- 3. Expanding local capacity for resilience building** (increasing support for regional resilience efforts through hiring Regional Resilience Coordinators, providing training to existing staff as needed to increase local capacity, etc.)

These programmatic expansions will further increase local ability to identify, implement, and manage resilience projects.

RIIB has received ~\$650k in competitive federal and philanthropic grants to advance these efforts.

Aquidneck Island Regional Resilience Coordinator Update

Regional Resilience Coordination is Underway

- Since April 2022, the Regional Resilience Coordinator has been working with Newport, Middletown, and Portsmouth on a **regionalized effort towards identifying, planning, and implementing resilience actions.**
- Common action areas across the island have emerged including **stormwater management and water quality, transportation, and emergency management and preparedness.**
- **MRP resilience updates and regional project bundling for grant applications are ongoing,** through working with municipal staff, commissions, advisory groups, and other local collaborators.

Next steps include applying for funding for regional projects in upcoming MRP Action Grant round, as well as pursuing other state and federal funding opportunities.



Accelerating Projects Takes a Village

	Type	Woonasquatucket River Greenway
Clean Water State Revolving Fund	RIIB	Green Stormwater Infrastructure
Clean Water and Stormwater Infrastructure Fund	RIIB	Stormwater Accelerator
Commercial Property Assessed Clean Energy	State	TBD
Brownfield Revolving Loan Fund	RIIB / Local	TBD
Rebuild Rhode Island Tax Credits	Commerce	Mill Renovations and Redevelopment / Farm Fresh
RIDOT Stormwater	State	Stormwater Management and Bike Infrastructure
Rhode Island Green Economy Bond	State	Bay and Watershed Restoration, Bike Grants, Brownfield Grants
Southeast New England Estuary Program (Federal / EPA)	Federal	Stormwater infrastructure
National Fish and Wildlife Foundation & NRCS Conservation Grants	Federal	Green infrastructure demonstration



Woonasquatucket Vision Plan - Project Area

RIB Funding & Financing Programs

Program	Funding Source	Application Period	Match Required
Clean Water & Drinking Water State Revolving Funds (CWSRF & DWSRF)	EPA	Annual PPL Deadline in February/March to RIDEM and RIDOH (respectively), Finance Application Rolling	20% provided by the State
Municipal Road and Bridge (MRB)	Premium over par on State GO bonds	Annual PPL Deadline in April to RIDOT, Finance Application Rolling	None
Efficient Buildings Fund / EBF	Rate Payer Funds	Annual PPL Deadline Semiannually in March and October to RI OER, Finance Application Rolling	None
Commercial Property Assessed Clean Energy (C-PACE)	Private Capital	Rolling	None
Municipal Infrastructure Grant Program (MIGP)	State Budget Appropriation	Annual Grant Application due in Fall	25% by community
Municipal Resilience Program (MRP) Action Grants	RIB operating capital and State Green Bond	Annual Grant Application due in Spring	25% by community (half cash, half in-kind)
Stormwater Project Accelerator (SPA)	State GO	Rolling	None
Water Quality Protection Charge (WQPC)	Rate Payer Funds	Varying – as funds are available	None

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