



Funding Opportunities Summary for SREE Initiative City of North Miami Beach

This document outlines funding sources to support the Sustainability, Resilience, and Energy Efficiency (SREE) Initiative, addressing Option 1 and Option 2.

Federal Funding Opportunities

EPA Water Infrastructure Finance and Innovation Act (WIFIA)

- **Purpose:** Finance water, wastewater, and stormwater projects.
- **Eligibility:** Option 1 (utility projects); Option 2 (citywide water initiatives).
- **Funding:** Up to 49% of costs (e.g., \$7.4M–\$11.2M for Option 1’s smart meters).
- **Application:** Annual cycle via <https://www.epa.gov/wifia> .

EPA Clean Water State Revolving Fund (CWSRF)

- **Purpose:** Support sewer conversions, WWTP construction.
- **Eligibility:** Both options (septic-to-sewer, wastewater).
- **Funding:** \$100M–\$500M for Option 2’s WWTP.
- **Application:** Via Florida DEP, <https://www.epa.gov/cwsrf> .

FEMA Building Resilient Infrastructure and Communities (BRIC)

- **Purpose:** Fund resilience projects (e.g., green infrastructure).
- **Eligibility:** Both options.
- **Funding:** Up to \$50M, 75% cost share (e.g., \$1.5M–\$5M).
- **Application:** Annual cycle via <https://www.fema.gov/grants/mitigation/building-resilient-infrastructure-communities> .

DOE Energy Efficiency and Conservation Block Grant (EECBG)

- **Purpose:** Support energy efficiency, solar, BAS.
- **Eligibility:** Both options.
- **Funding:** \$500K–\$2M.
- **Application:** Rolling via <https://www.energy.gov/eeecbg> .

DOT SMART Grants Program

- **Purpose:** Fund smart city and transportation projects (e.g., electric buses).
- **Eligibility:** Option 2; Option 1 (utility-integrated charging).
- **Funding:** \$500K–\$24M (e.g., \$4M for buses in Option 2).
- **Application:** Annual cycle via <https://www.transportation.gov/grants/smart> .

HUD Community Development Block Grant (CDBG)

- **Purpose:** Support digital equity, community gardens, resilience hubs.
- **Eligibility:** Option 2.
- **Funding:** \$100K–\$5M.
- **Application:** Via Miami-Dade County, https://www.hud.gov/program_offices/comm_planning/communitydevelopment .

State and Regional Funding

- **Florida Resilient Coastlines Program**
- **Purpose:** Fund coastal resilience and green infrastructure.
- **Eligibility:** Both options.
- **Funding:** \$100K–\$1M.
- **Application:** Via Florida DEP, <https://floridadep.gov/rcp> .

South Florida Water Management District (SFWMD) Cooperative Funding

- **Purpose:** Support water infrastructure.
- **Eligibility:** Both options.
- **Funding:** Cost-sharing up to \$1M.
- **Application:** Via <https://www.sfwmd.gov> .
- **Southeast Florida Regional Climate Change Compact**
- **Purpose:** Support regional resilience projects.
- **Eligibility:** Option 2; Option 1 (collaboration).
- **Funding:** Technical assistance, grant partnerships.
- **Application:** Via <https://southeastfloridaclimatecompact.org> .

Local and Private Funding

- **Municipal Service Benefit Units (MSBUs)**
- **Purpose:** Fund sewer conversions via property assessments.
- **Eligibility:** Option 2 (septic-to-sewer).
- **Funding:** \$50M–\$200M over 10 years.
- **Application:** Coordinate with finance department.
- **Utility Rate Adjustments**
- **Purpose:** Fund ongoing costs via sewer fees.
- **Eligibility:** Both options.
- **Funding:** \$5M–\$20M annually.
- **Application:** Implement via utility billing.
- **Green Bond Program**
- **Purpose:** Finance solar, smart utilities, WWTP.
- **Eligibility:** Both options.
- **Funding:** \$10M–\$500M (e.g., \$200M for Option 2's WWTP).
- **Application:** Coordinate with financial advisors.

- **Public-Public Partnerships (PUPs)**
- **Purpose:** Collaborate with Miami-Dade County for WWTP and sewer projects.
- **Eligibility:** Option 2; Option 1 (regional integration).
- **Funding:** Cost-sharing up to \$100M.
- **Application:** Engage via interlocal agreements.
- **Public-Private Partnerships (P3s)**
- **Purpose:** Partner with private firms.
- **Eligibility:** Both options.
- **Funding:** \$500K–\$50M per project.
- **Application:** Via RFP processes.

Recommendations

- Assign a grant coordinator (Option 1) or task force (Option 2).
- Prioritize WIFIA/CWSRF for Option 1's metering and Option 2's WWTP.
- Explore PUPs with Miami-Dade County and P3s to reduce costs.
- Align with UN SDGs and C40 Cities for funding competitiveness.

Next Steps

- Identify priority projects.
- Form a grant-writing team within 90 days.
- Submit WIFIA and CWSRF applications within 6 months.