

## NB RESILIENT IS NEW BEDFORD'S PLAN FOR CLIMATE ACTION + RESILIENCE

WE ARE FOCUSING ON SIX AREAS















& Land Use



## Natural Resources

# NOISI/

NEW BEDFORD'S natural environment is robust, healthy, accessible to residents, enhances the community's quality of life and supports local ecosystems.

#### **GOALS**

- Reduce air, water, soil, noise and light pollution.
- Take an integrated water resource management approach that considers the needs of the natural water ecosystem, human water use, and potential droughts and flooding.
- Add more open space and tree canopy coverage equitably across the City.
- Protect wildlife and their habitat by using native or sustainable species in landscaping throughout the city.

CLIMATE CHANGE WILL IMPACT NEW BEDFORD'S WILDLIFE, OPEN SPACES, AIR & WATER



Straining habitats and risking of extinction



Threatening water quantity and quality



Forcing animals and plants to migrate to new places



Worsening air pollution

50%









of the Atlantic sea scallop population could disappear over the next 30 to 80 years due to **ocean acidification.** Impacting \$500 million worth of scallops harvested each year.

#### ocean acidification

**noun** • When the ocean absorbs CO<sub>2</sub> a chemical reaction occurs that reduces the seawater's pH or makes it acidic, which breaks down shellfish shells.

### WE NEED TO MAINTAIN OUR COMMUNITY'S CONNECTION TO THE SEA AND NATURE

We can take steps now to bolster the resiliency of our ecosystems to the disruptions of climate change.

Healthy soil improves resilience to extreme weather

Plants reduce CO<sub>2</sub> in the atmosphere

Green space soaks up flood waters







26 acres of beaches

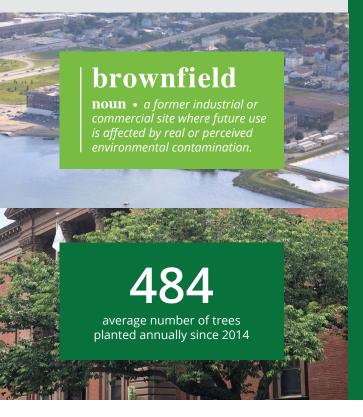


275 picnic



53
playgrounds and tot lots

WE'VE MADE PROGRESS
CLEANING UP OUR
ENVIRONMENT
BUT WE WON'T STOP
UNTIL WE'VE REACHED 100%.





#### POTENTIAL ACTIONS

Analyze equitable tree canopy coverage and plant 5,000 targeted tree plantings to reduce urban heat island by 2030.

Attain the National Recreation and Park Associations Standard for at least 50% of park and amenity types.

Initiate a Green Business Challenge that incentivizes actions that improve air and water quality

Implement stricter no-idling enforcement.

Prepare a plan to reduce coastal soil erosion.

Investigate opportunities for restoration of degraded wetland resources.

native or sustainable plants in new



A resilient New Bedford is a thriving, self-sustaining community that is culturally and historically secure and ready to implement innovative approaches to prepare for tomorrow's possibilities.

**GET UPDATES ON EACH FOCUS AREA**AND WAYS TO GET INVOLVED AT:

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developments by 2030.