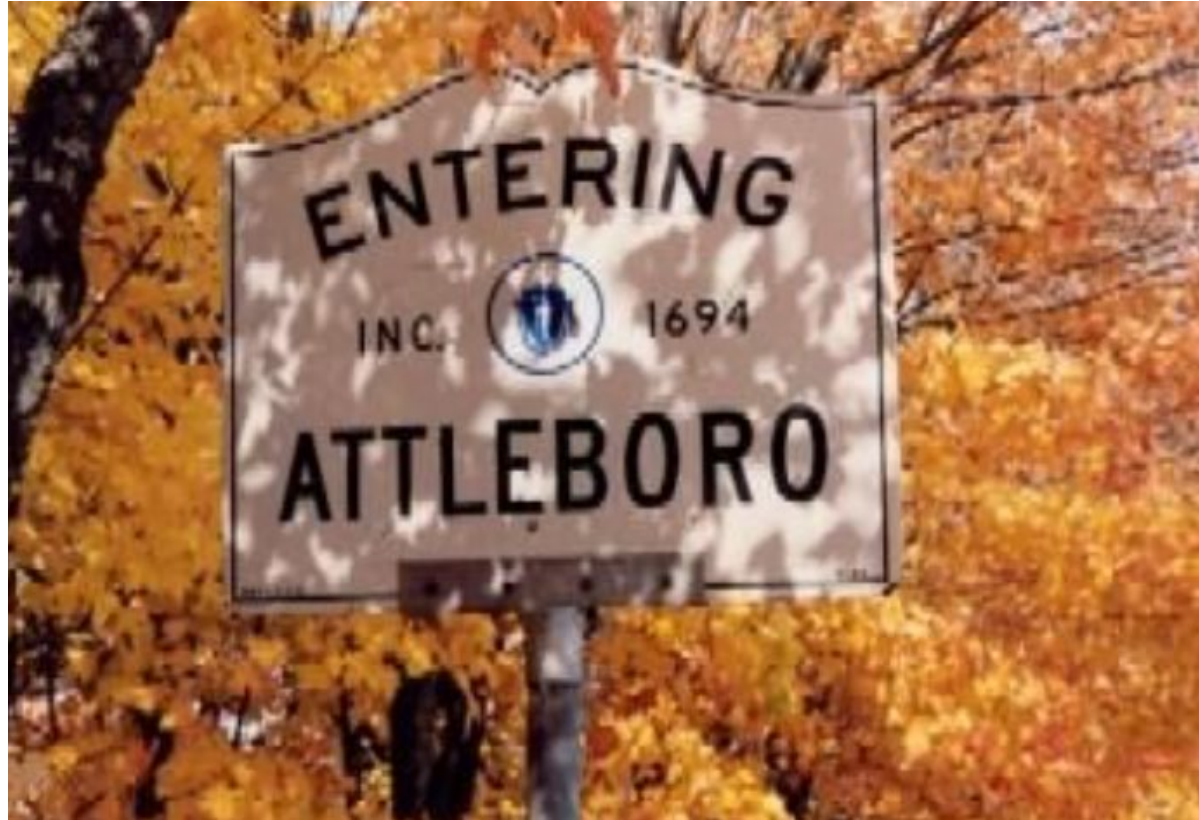


Environmental Master Plan

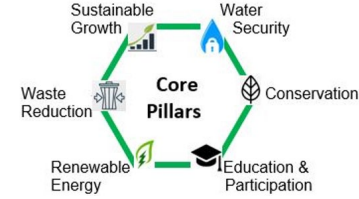
(draft)



Sustainable By Design

June, 2022

Why Do We Need An EMP?



- **Attleboro does not have an environmental plan.**
 - **It would be irresponsible to not have a plan.**
- **Secure reliable and cost-efficient energy.**
- **EMP is consistent with State and Federal plans.**
- **Attleboro can be a leader for area communities.**
- **Action can reduce expenses or ROI.**
- **Spoiler Alert: Climate Change is underway and we need a plan.**

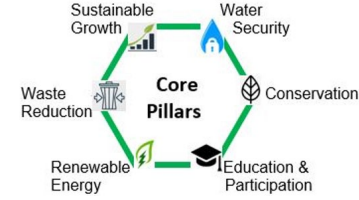
Vision



To be in the top 1% Green Communities in the Commonwealth by 2035, where its leaders and residents make environmentally sustainable choices every day, even in the face of competing interests.

- **2035 is a bridge to 2060+ (40+ year horizon)**
- **Competing for resources will always be a challenge to overcome**

Mission



The mission is to create a long-range, strategic, and ambitious Environmental Master Plan (EMP) for the City of Attleboro and to encourage extensive, equitable, and inclusive community participation in its future evolution and execution. The EMP, which includes a compilation of actionable recommendations based on six core pillars of focus, provides a blueprint for sustainable and resilient growth.

What Is The EMP?



- **Long-term strategic roadmap**
- **Focus on Sustainability & Resilience**
- **Six Attleboro core pillars:**
 - **Sustainable Growth; Water Security; Waste Reduction; Conservation; Renewable Energy; Education & Participation**
- **Recommended actions for evaluation**

Sustainable Growth

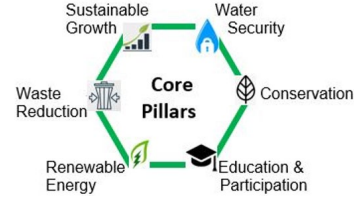


- **Economic growth is encouraged, just not at the expense of the environment.**
- **Proactive planning, waste reduction, and efficiency gains are good for cost and environmental impact reductions.**

Example of Recommended Action (for further evaluation)...

- **Municipal Power Purchase Agreements that commit to renewable energy sources can provide long term cost savings, increase energy security, and reduce greenhouse gases**

Water Security



- **Addresses water quality, supply, accessibility, drought and flood resilience.**
- **Water security is a growing concern worldwide and no longer considered assumed.**

Example of Recommended Action (for further evaluation)...

- **Review development pond strategy (detention, retention, forebay)**

Waste Reduction

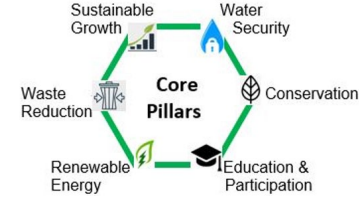


- **Fastest, easiest, cheapest way to meet the Vision**
- **Waste stats: Energy (52%); Trash (5lbs/person/day); Water (90gal/home/day); Food (33%)**

Example of Recommended Action (for further evaluation)...

- **Electric Vehicle charger installations in private and public lots**

Conservation

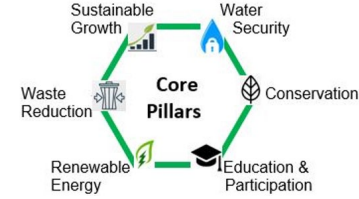


- **Conservation of land, water, energy, and finances.**
- **Good for the mind, body and community**

Example of Recommended Action (for further evaluation)...

- **Amend the Open Space Residential Development (OSRD) Zoning Ordinance would provide a density bonus as an incentive for developers to utilize OSRD.**

Renewable Energy

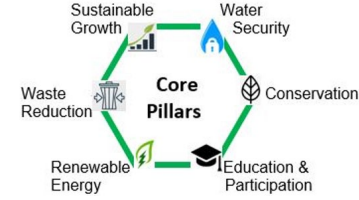


- **Solar, wind, geothermal is inexhaustible and carbon neutral compared to fossil fuels.**
- **Local energy is more secure energy.**

Example of Recommended Action (for further evaluation)...

- **Municipal building plans to included non-fossil fuel options**

Education & Participation

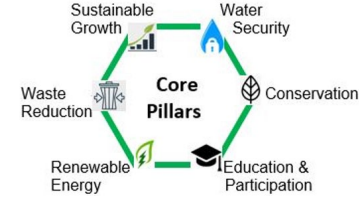


- **Clearly communicating best practices in sustainability and resilience.**
- **Encouraging student involvement via academic projects and community action.**
- **Spreading the message of sustainability and resilience.**

Example of Recommended Action (for further evaluation)...

- **Environmental awareness education that starts at the schools and spreads to the community.**

Recommended Actions For Evaluation



- **EMP has an evolving list of actions, including a proposal, rationale, pillar impact, and likely champion.**
- **Each recommended action needs to be evaluated and approved on its own merits.**
- **The list suggests ~100 recommended action, split by Municipal and Personal.**

Progress



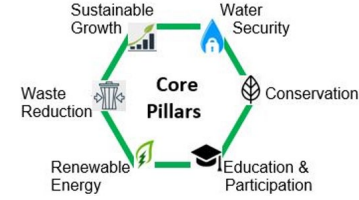
- **The volunteer team started in December, 2021.**
- **The team meets once a month in an open meeting format.**
- **Community outreach occurred throughout the project.**
- **Completion is targeted for October, 2022.**
- **No funding is required for this project.**

What's Next?



- **With 70% completion, project support is needed.**
- **Determine how the EMP will be adopted.**

Where You Can Help



- **Sign the petition (online or paper)**
- **Talk about it with others**
- **Input & Feedback**
- **Speak up at hearings**
- **Help with outreach (social media, petition, actions)**

Let us know if you can help...



Thank You!

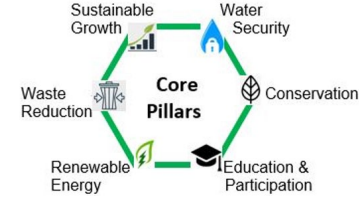
If you have any questions or have feedback...

Mike Davis

MikeDavisNew@comcast.net

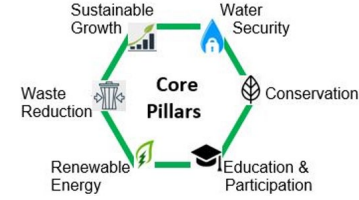
508-918-8571

Did You Know...



- Since the Industrial revolution, humans have added 2.4 trillion tons of CO₂ to the atmosphere.
- The runaway temperature threshold of +1.5° was reached last year.
- 13 of the 14th warmest year have occurred since 2000.
- Americans produce 5lbs of trash/day (global: 1.6).
- Wetlands can store up to 50x the carbon compared to a rain forest.
- 1/3 of all food is wasted (as are the resources to make it).
- 40% of the world population will be 'water stressed' by 2050.

Did You Know...



- **Humans burned 55 Trillion tons of fossil fuels in 2018, which 100x more than everything alive today.**

XXX



XXX



XXX



XXX



XXX

