TRURO CLIMATE ACTION COMMITTEE

Truro Select Board
October 27, 2020
CAC MEMBERS

Carol Harris, Chair
Bob Higgins Steele, Vice Chair
Fred Gaechter, Member
Open Member
Open Member
Open Alternate Member

Stephanie Rein, Select Board Liaison
Emily Beebe, Town Hall Liaison
 Volunteer
SUMMARY OF CHARGE

- Baseline study of greenhouse gases for entire town of Truro: municipal, residential, and business
- Baseline study of Truro’s vulnerability to climate change
- Recommend specific policies
- Conduct education and outreach
- Draft a community-wide climate action plan for Truro
WHO IS AFFECTED?

 Residents
 Part-time residents
 Businesses
 Municipal employees & buildings
 Visitors
 As well as native plants, fish & shellfish, animals
PRINCIPLES FOR ACTIONS

We want to engage with any interested groups or individuals to address climate change.

Addressing climate change is a very large cultural change for all of us.
# CAC Activities to Date

<table>
<thead>
<tr>
<th>Activity</th>
<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
<th>Jan</th>
<th>Feb</th>
<th>*Oct</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Develop climate change definition</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Brainstorm Effects of CC on Truro</td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Consolidate brainstorming ideas</td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Assign teams to develop ideas</td>
<td></td>
<td></td>
<td>✓</td>
<td></td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>5. Develop high-level action descriptions</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Propose SB letter of support for H2810</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>7. Prepare warrant article on climate emergency</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>8. Met with Planning Board</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>✓</td>
</tr>
</tbody>
</table>

*Note: unable to meet March through June*
DEFINING THE WORK

Brainstorm Affects of Climate Change on Truro

Group ideas into areas of commonality

- Greenhouse Gases
- Water Quality
- Ecosystems
- Outreach/Education
- Policies
AREAS OF INTEREST

The CAC identified five broad categories of interest and then further identified tasks within those areas.

Air

🌱 Inventory Greenhouse Gases

Water

🌱 Water Quality Study
🌱 Water Quality Mitigation & Adaptation Plan
🌱 Salinization Mitigation & Adaptation
AREAS OF INTEREST, continued

Ecosystems

- Wetlands Preservation & Enhancement
- Plants & Greenhouse Gases
  - Uplands Protection
  - Manage Beaches, Dunes, & Coastal Banks
  - Prevent Deforestation
  - Plant Adaptation to Minimize Wildfires
  - Shellfish/Fin Fish Protection
  - Wildlife & Habitat Protection
  - Plant Life & Farming
AREAS OF INTEREST, continued

Education & Outreach

- Provide education on how climate change can impact Truro and what everyone can do to address it.
- Engage and incent residents, business owners, and visitors to take action.

Policy

- Review and implement Building Stretch Code
- Investigate and propose policy to reduce clear cutting on new construction
  - Assess/update Municipal Energy Policy
  - Assess impact of Waste Disposal
  - Climate Education Policy
SAMPLE WORK PLAN: PLANTS & GHG

1. Research/identify appropriate plants for absorption/sequestration, non-invasive/indigenous, easily maintained, and climatically appropriate.

2. Obtain appropriate approval from boards/committees and land owners.

3. Identify potential planting locations: conservation, private, municipal/state land.

4. Obtain funding and identify partnering organization such as Truro Conservation Trust.

5. Develop a planting plan with timeline.

6. Implement the planting and maintenance plan.
NEXT STEPS

Over the next four to six months:

- Research, understand what actions Truro can take, recommend policy, and educate

- Collaborate with other committees and boards where it makes sense: Planning Board, Energy Committee, Wellfleet Energy and Climate Committee, etc.

- Collaborate with other orgs such as the Truro Conservation Trust, Cape Cod Climate Initiative, State and County departments, etc.
WHAT DO WE NEED……

- Access to information for GHG calculations
- Additional committee members
- Funding for consulting with climate change experts
- Volunteers to work on specific activities