





















# Pathways 3.27 Updates

## General

- Fuel/energy prices based on 2023 Annual Energy Outlook
- Added a biofuel blending target for heating oil consistent with NY statute
- Calibrated commercial, industrial and transportation energy use through 2021 with State Energy Data System (SEDS) data

# Pathways 3.27 Updates

## Buildings

- Increased the number of projected residential weatherization projects based on Efficiency Vermont and DCF's Office of Economic Opportunity forecasts
- Increased projected heat pump shares based on impacts of Efficiency Vermont rebate program and the Inflation Reduction Act

# Pathways

## 3.27 Updates

### Buildings

- Reduced the share of heating load met by single and double-headed heat pumps
- Introduced heat pump water heaters, air-to-water heat pumps, and advanced pellet boilers into baseline
- Updated historical space heating, water heating, and cooking technology shares

# Pathways

## 3.27 Updates

## Transportation

- Incorporated VT adoption of Advanced Clean Cars II / Advanced Clean Trucks
- Updated Vehicle Distance Travelled estimates for 2020, 2021
- Updated the number of EVs and PHEVs on the road at the beginning of 2023

# Next Steps

## Continuing Updates

ANR plans contract for continuing updates to and support for Vermont Pathways model

# Measuring and Assessing Progress (MAP) Tool

- GHG Inventory has limited ability to quantify impact of individual initiatives in reducing GHG emissions and, therefore, estimate cost effectiveness
- ANR is working on the development of a Measuring and Assessing Progress (MAP) Tool
- MAP Tool will track specific practices; will not replace the GHG Inventory
  - Will incorporate more refined fuel-type data now being collected by the Tax Department
- MAP Tool will track more than emissions indicators → things like **resilience, adaptation and community engagement metrics**
- RFP Closed in November 2023 for Phase 1

# Federal Funding Opportunities



## What is the Climate Pollution Reduction Grant?

- One-time, competitive process for \$4.6 billion in federal Inflation Reduction Act funds
  - Vermont likely to apply for ~\$90 million
- Eligible actions must show a measurable reduction in climate pollution
- Actions solely focused on adaptation and resilience are not eligible, but many actions have co-benefits
- Prioritization for this process has focused on:
  - Demonstrating lack of funding elsewhere
  - Benefits Vermonters in an equitable way
  - Alignment with Vermont's Climate Action Plan
  - Quantifiable emissions benefits



## Natural & Working Lands

- Expanded wetland restoration
- Land conservation focused on increasing natural land cover
- Giving farmers and forestland owners tools and funding to reduce and capture emissions

## Transportation

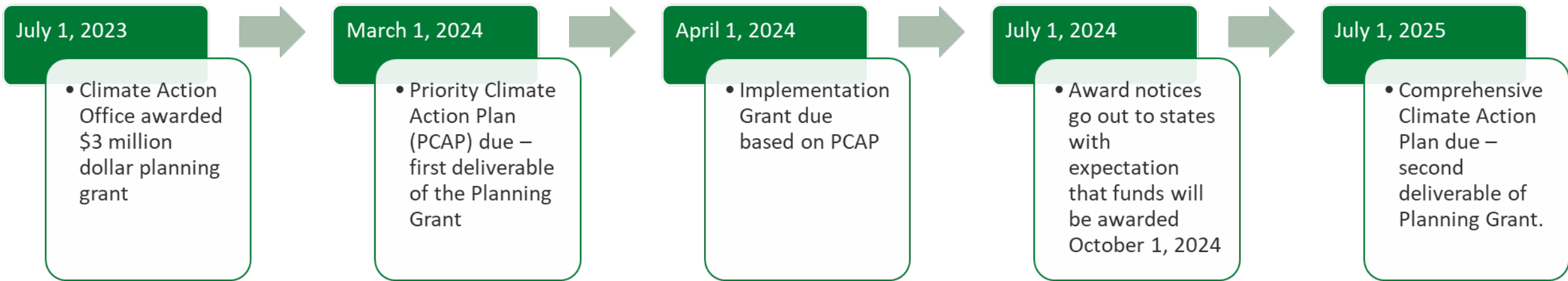
- Heavy truck purchase rebates complemented with technical assistance
- Reduce idling of trucks and fleet vehicles like police cars
- Focus on housing development that reduces travel

## Buildings & Heating

- Thermal Energy Coaching
- More funding for weatherization and switching from fossil fuels to electricity
- Helping towns and cities make more upgrades to public buildings

## Solid Waste

- Increase recycling and composting at schools
- Reduce high-impact emissions from systems and appliances
- Help solid waste facilities recycle more and operate more efficiently



# Federal Funding Opportunities

# Thank you

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For more information, please go to our  
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