

# WORKSHOPLV / WORKSHOPLV ENVIRONMENT / TRANSPORTATION

## TRANSPORTATION DECARBONIZATION

Environmental Protection Agency Climate Pollution  
Reduction Grant

*Priority Climate Action Plan*



# Climate Pollution Reduction Grants (CPRG)

Inflation Reduction Act authorized the United States Environmental Protection Agency (EPA) to provide funding for CPRG program



CPRG provides funding for larger metro areas to create climate action plans



72 largest metro areas each received \$1 million in planning grant funds

**This grant will allow for the LVPC to create a plan to apply for the larger, more competitive funding round for projects.**



# CPRG Breakdown

The Climate Pollution Reduction Grant has three main components:

**Priority  
Climate  
Action Plan**

**Comprehensive  
Climate Action**

**Plan  
Progress  
and  
Monitoring**



# Climate Initiatives



Inflation Reduction Act

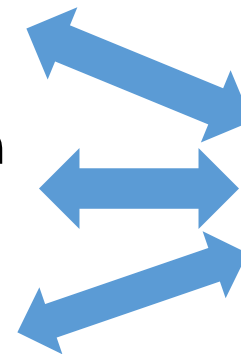
Infrastructure Investment & Jobs Act



**DEP Local Climate Action Program**

**EPA CRPG Priority Climate Action Plan on Industrial Decarbonization**

**EPA CRPG Regional Climate Action Plan**



**USDOT Carbon Reduction Plan and Program**



# Priority Climate Action Plan (PCAP)

- PCAP is a focused climate action plan on specific sector of importance
- **LVPC's plan will focus on transportation decarbonization**

## PCAP Main Elements

- Greenhouse gas inventory update
- Public engagement
- Policy development
- Quantifying future carbon reduction from policy measures



**LVPC / LVTS**  
Lehigh Valley Planning Commission / Lehigh Valley Transportation Study  
LEHIGH VALLEY  
GREENHOUSE GAS ASSESSMENT



# Why Transportation?

**26%**

Percentage of contribution from the transportation sector to greenhouse gas

**9%**

Percent increase in daily traffic on I-78 as of May 2022

**6%**

Percent increase in daily traffic on Rt. 22 as of May 2022

**10.9**

**million**  
Daily vehicle miles traveled on roads in Lehigh Valley

**99,243**

Projected population increase by 2050

# Policy Progression



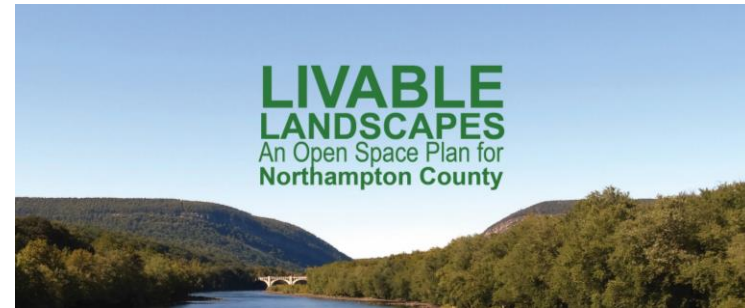
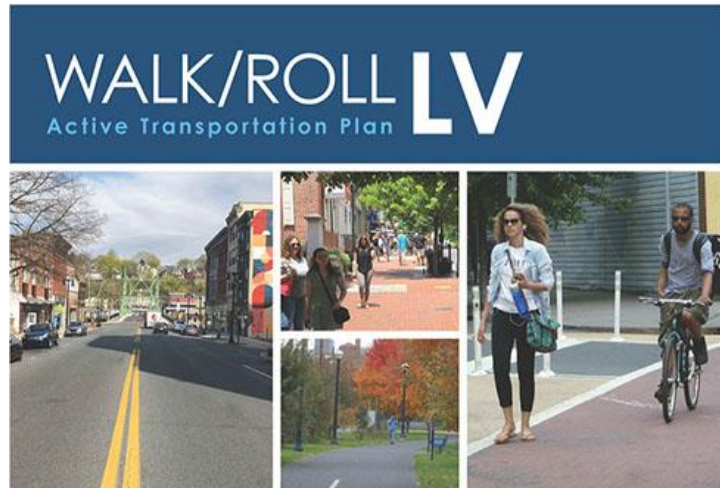
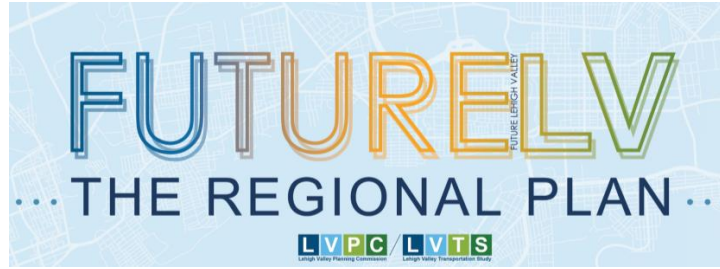
## Goals Supporting Transportation Decarbonization

- Protect, conserve and enhance natural ecosystems to provide long-term resilience to climate change
- Create a land use pattern that helps to mitigate climate change impacts through a compact urban development area, mixed land uses, higher densities in urban areas and through preserving land for agricultural and environmental purposes.
- Reduce Lehigh Valley greenhouse gas emissions from residents, government and businesses.
- Encourage alternatives to automobile use, both motorized and non-motorized.

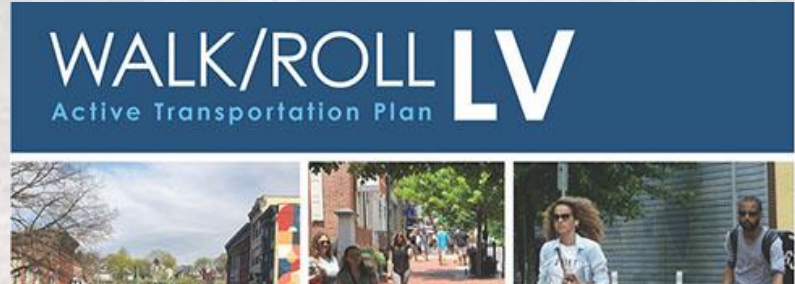
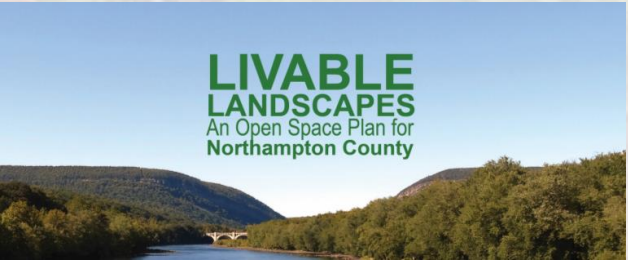




# Foundational Plans in the Lehigh Valley



# Policies Covered in Climate Action Plan



- From *Livable Landscapes Plans* (Lehigh and Northampton Counties)
  - Goal 1
  - Goal 2
- From *FutureLV: The Regional Plan*
  - Policy 2.1
  - Policy 2.3
  - Policy 4.4
- *Walk/Roll LV*



# Poll Everywhere

- **Link for the Poll Everywhere:**  
<https://pollev.com/beckybradley880>
- **Question:** What do you see as the most important outcome of our priority climate action plan?
  - A. Air quality improvements
  - B. Enhance quality of life
  - C. Improve individual and community health
  - D. Increase transportation safety
  - E. Encourage alternative transportation options
  - F. Protect the agricultural economy
  - G. Support deployment of alternative fuel infrastructure
  - H. Other

**QR Code for the  
Poll Everywhere:**



# Future Meetings

## **WorkshopLV Environment/Transportation- Transportation Decarbonization**

**Other sessions of this same workshop: September 27<sup>th</sup> at noon (Environment Committee) and September 28<sup>th</sup> at 5:30pm (Transportation Committee)**

**Next Workshop: October 18<sup>th</sup> at noon (in-person)  
*Lunch will be provided***