

Taking Action to 2030

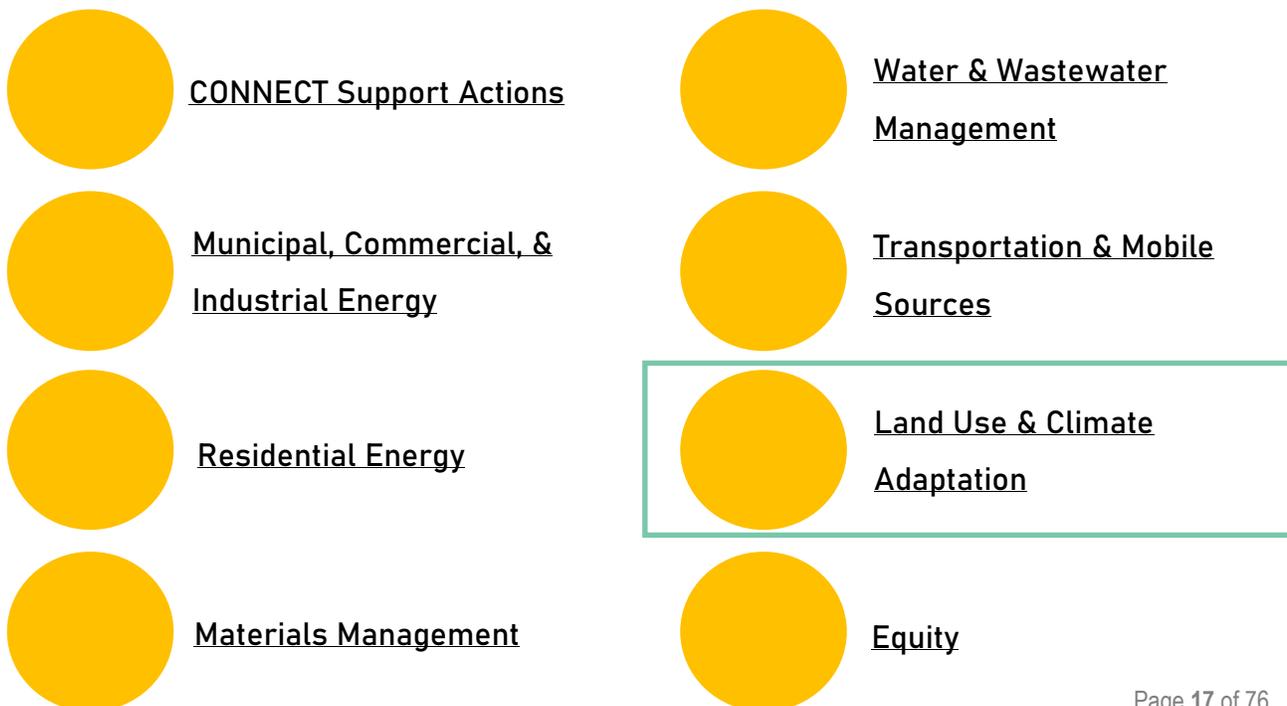
In the following chapters, CONNECT's goals and a series of objectives with actions are explored for each emissions sector. An "Objective" is an "end result", or target, and an "Action" is a means of realizing the objective. Noted on each objective is its emission reduction potential, and on each action is its [co-benefits](#) among other pertinent information. Links to resources are provided within each action. All community sectors draw on the potential actions of CONNECT, its partners, local government, residents, and businesses to achieve 30% emissions reduction by 2030, and subsequent reductions to 2050. Local governments should use and modify potential actions from these lists to implement in their own communities or climate planning efforts.

Symbol	GHG Reduction
	Small Reduction Potential
	Moderate Reduction Potential
	Large Reduction Potential

Symbol	Co-Benefit
	Supports jobs and economic prosperity
	Advances social equity
	Fosters resource security
	Improves public health and local environmental quality

Actions labeled as a "CONNECT Opportunity"  are considered climate actions that CONNECT may be able to implement in the form of a CONNECT-wide project to reduce our emissions or are actions from which members may find extra benefits when implementing together as a region.

Sectors covered will include:



Land Use & Climate Adaptation

Besides contributing to greenhouse gas emissions through more urban development, non-climate conscious land use practices can increase CONNECT's risk from severe weather events exacerbated and made more frequent by a changing climate. Flooding, landslides, and poor air quality have been cited as the most pressing threats to CONNECT, with a majority of CONNECT residents reporting significant concern for increasing risk in the region. Sustainable land use can protect long term infrastructure and natural resources, while strengthening CONNECT's communities.

Although a comprehensive climate adaptation plan should be considered separately from the vulnerability assessment in this Plan and potential climate mitigation strategies highlighted throughout this Plan, the following section highlights those climate actions found throughout this document that could align with such an adaptation plan. This section also lists other potential actions that reduce emissions associated with urban land use practices and those that can bolster CONNECT's resilience to climate change risks.

The following tables contain CONNECT's objectives and potential actions for land use/climate adaptation.

	Objective	Benefits	Reduction Potential
Goal 3: Bolster CONNECT's resilience through land, water, & materials management by its members	LU1 – Implement sustainable and resilient land use practices in our communities to reduce risk		
	LU2 – Implement other cross-sector adaptation actions found throughout this Plan to reduce water, landslide, and air quality risks		

Objective LU1 – Sustainable Land Use

Implement adaptation actions, such as sustainable and resilient land use practices in our communities to reduce risk



Action Number	Action	Regional CONNECT Opportunity?	Reduces Climate Risk?	Action Number	Action	Regional CONNECT Opportunity?	Reduces Climate Risk?
LU-1A	Implement a steep slope ordinance to reduce risk in the community	-	Y	LU-1H	Target trees in high-risk areas, such as low cover or high urban heat to improve air quality	-	Y
LU-1B	Designate a project moratorium on high-risk areas in the municipality through CoordinatePA		Y	LU-1I	Partner with an organization, such as TreeVitalize , that provides technical or financial assistance on a community tree project, plan, or ordinance	-	Y
LU-1C	Update your Local Hazard Mitigation/Emergency Management Plan with expected climate vulnerabilities	-	Y	LU-1J	Pursue a ACHD Air Quality Ambassador Mini-Grant to fund air quality outreach in CONNECT communities, particularly in the Mon Valley		Y
LU-1D	Update local codes to encourage more sustainable land use and better protect from natural hazards	-	Y	LU-1K	Incorporate ecosystem management into development and planning considerations	-	Y
LU-1E	Work with local land trusts to conserve community land or procure sustainable carbon offsets in the region		Y	LU-1L	Local government uses a public financing method, such as TIE , LERTA , and SDF financing to sustainably redevelop brownfields and vacant lots.	-	Y
LU-1F	Implement an official tree ordinance to better protect and plan the tree canopy in the community	-	Y	LU-1M	Partner with an organization to target green projects on vacant land	-	Y
LU-1G	Form or reactivate a shade tree committee, or form a multijurisdictional shade tree committee to bring local expertise and reduce loss		Y				

Objective LU 2 – Cross-Sector Adaptation Actions

Implement other cross-sector adaptation actions found throughout this Plan to reduce water, landslide, and air quality risks



Climate Risk	Adaptive Actions(WILL BE UPDATED)
Flooding	Refer to Water/Wastewater Management Section
Landslides	Refer to Water/Wastewater Management Section, Land Use Section above
Air Quality & Public Health	Refer to Transportation & Mobile Sources, Land Use Section above, Residential Buildings Section, Materials Management Section