

Applying a Climate Lens to the Budget

January 28th, 2020

Applying a “climate lens” to the Budget

Goal:

Identify opportunities to reduce emissions and enhance resilience to climate change through the Municipality’s investments.

What is a “climate lens”?

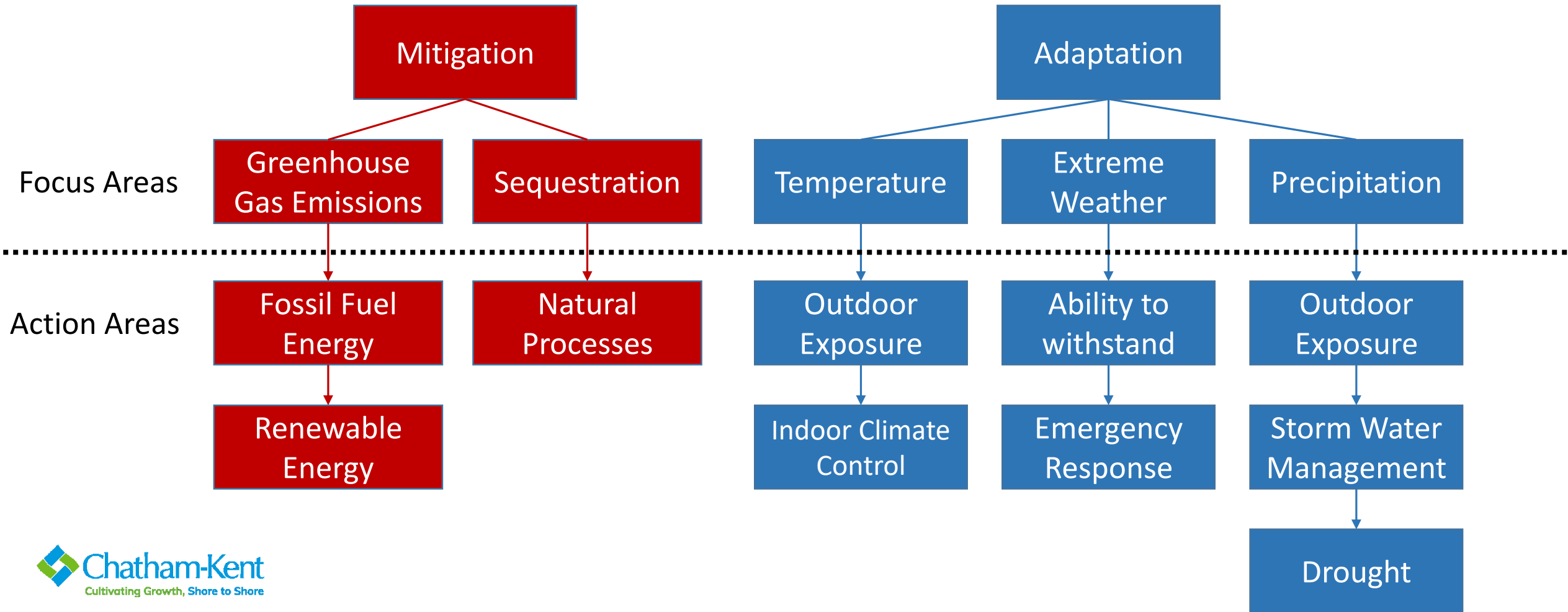
In Theory:

A theoretical perspective that contains set of assumptions about reality that inform the questions we ask and the kinds of answers we arrive at as a result. In this sense, a theoretical perspective can be understood as a “lens through which we look, serving to contextualize what we see”.

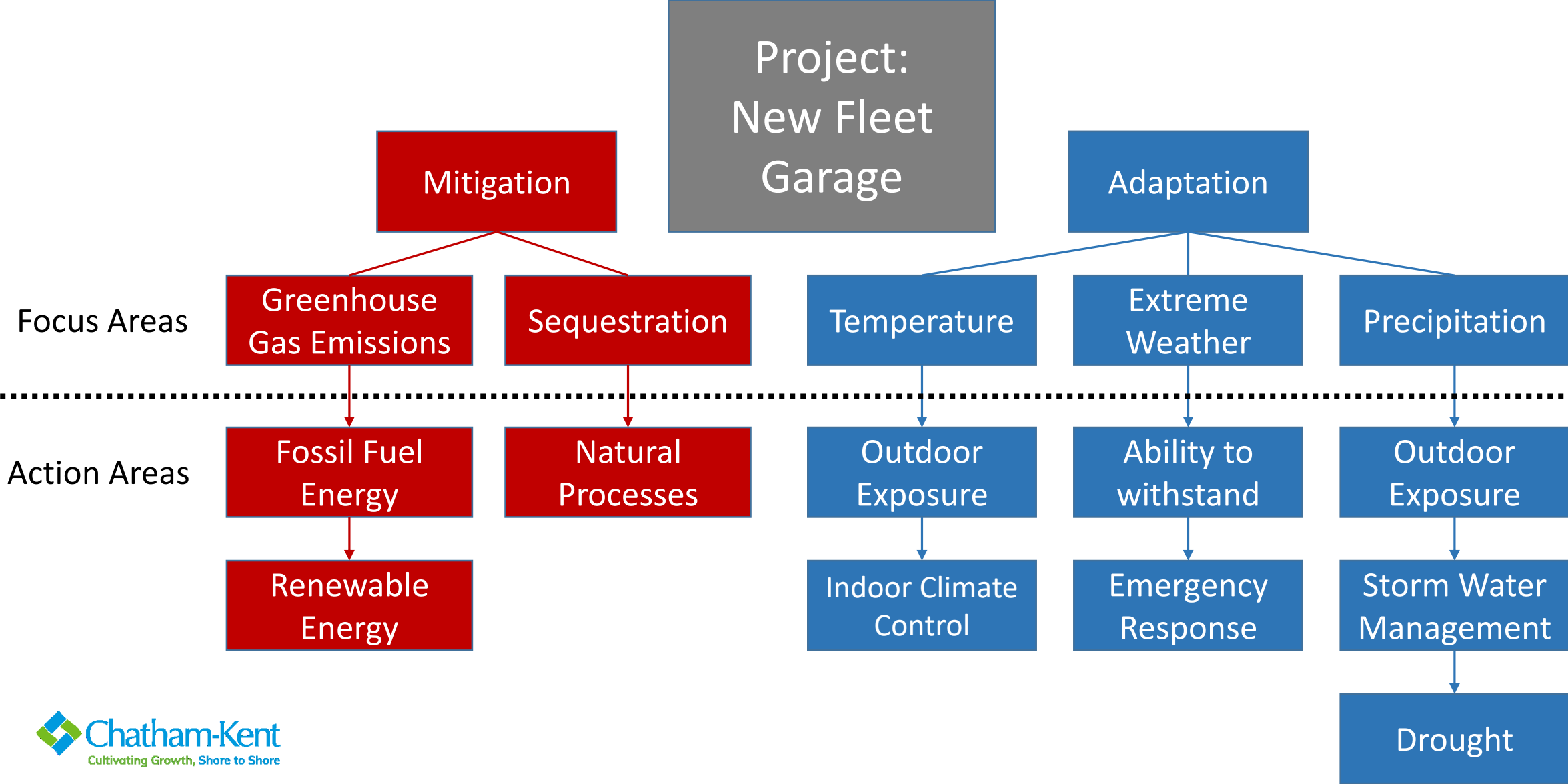
In Practice:

A series of questions used to evaluate potential projects and investments to ensure that climate change benefits are considered during the decision making process and integrated into the initiative when it makes sense to do so.

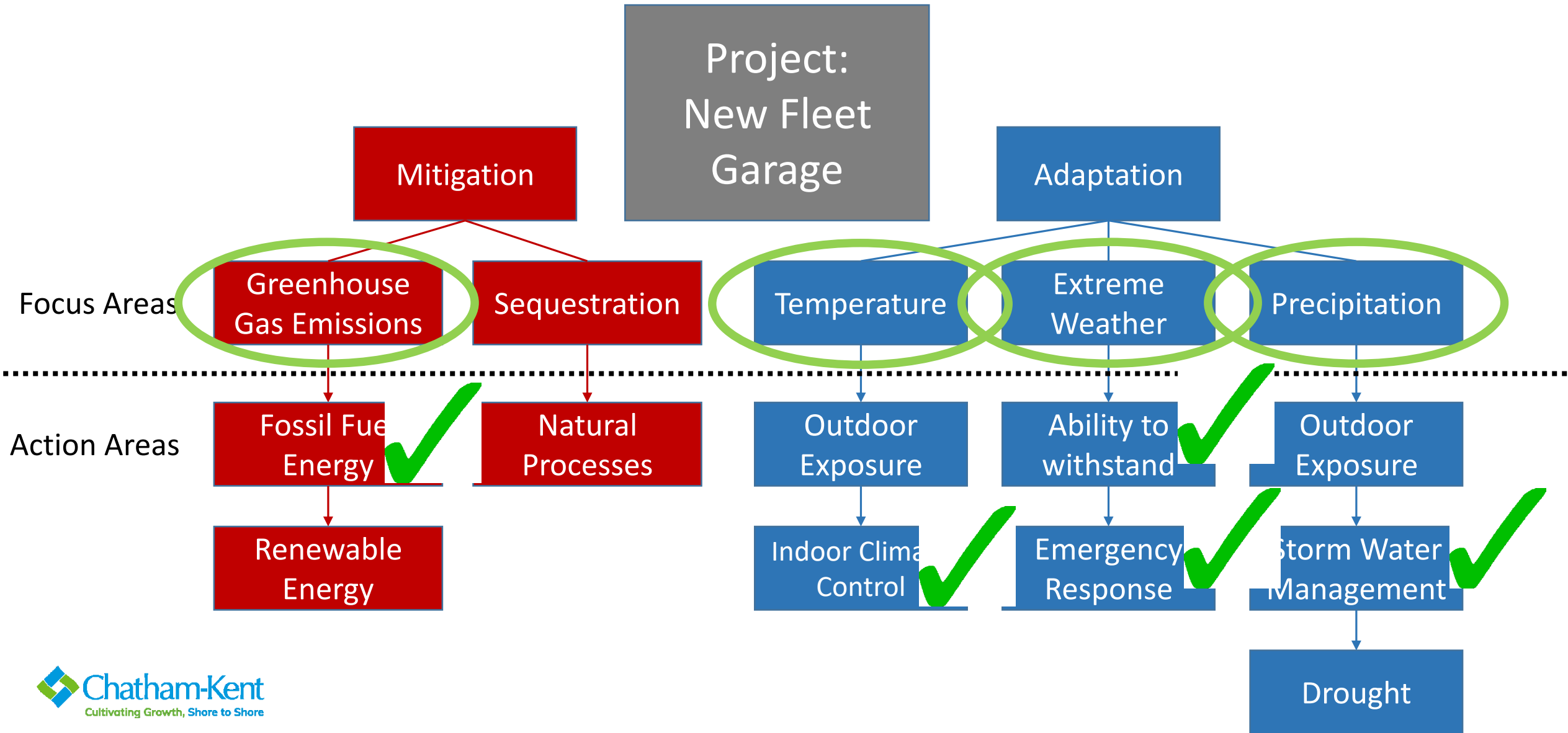
The “Climate Lenses”



Example: Employing the “Climate Lenses”



Example: Employing the Climate Lenses



2020 Capital Budget

Project	Mitigation		Adaptation		
	GHG Emissions	Sequestration	Temperature	Extreme Weather	Precipitation
Keil Drive Extension		X	X		X
Fleet Garage	X		X	X	X
Prosperity Way & Seventh Line					
Next Generation 911				X	
Intersection Improvements to Queens Line & Merlin Rd.	X				
Volunteer Fire Paging System				X	
Round the River Trail (Phase 3)	X				
LED Ornamental Conversion	X				
Blenheim Rotary Park Parking Improvements					

Examples from 2020 Operating Budget

Project	Mitigation		Adaptation		
	GHG Emissions	Sequestration	Temperature	Extreme Weather	Precipitation
Community Risk Assessment & FMP				X	
CK Renovates Program	X		X	X	X
XPSwmm Stormwater Model Software				X	X
Transit Fare On-line Smart Card Loading	X				
Transit Dispatch Software	X				
Sidewalk Replacement	X				
Broacasting Municipal Budget Meetings	X				
Drain Maintenance				X	X
Asset Management	X		X	X	X

Next Steps

- **The Climate Lens and Future Budgets:**
 - Procedural enhancements will be integrated into the 2021 budget process based on input received via the engagement process for the climate change action plan.
 - Proposal to be submitted to EMT for 2021 Budget by June 2020
 - Procurement process enhancements to integrate climate change mitigation and adaptation dimensions to applicable projects.
 - Final climate conscious budget, project and procurement evaluation framework to be developed as part of final Climate Change Action Plan (E.T.A. June 2021).