

# York Region's Draft Climate Change Action Plan

Agriculture and Agri-Food Advisory Committee

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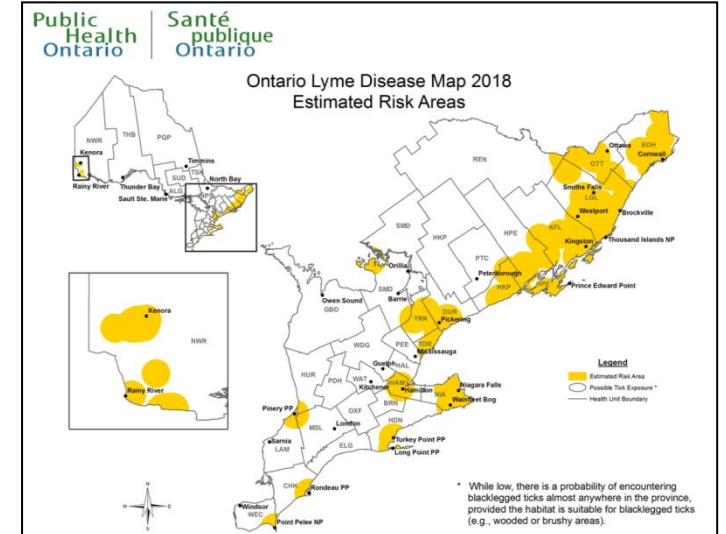
# Climate change is here



Transportation Services



Transit Ridership

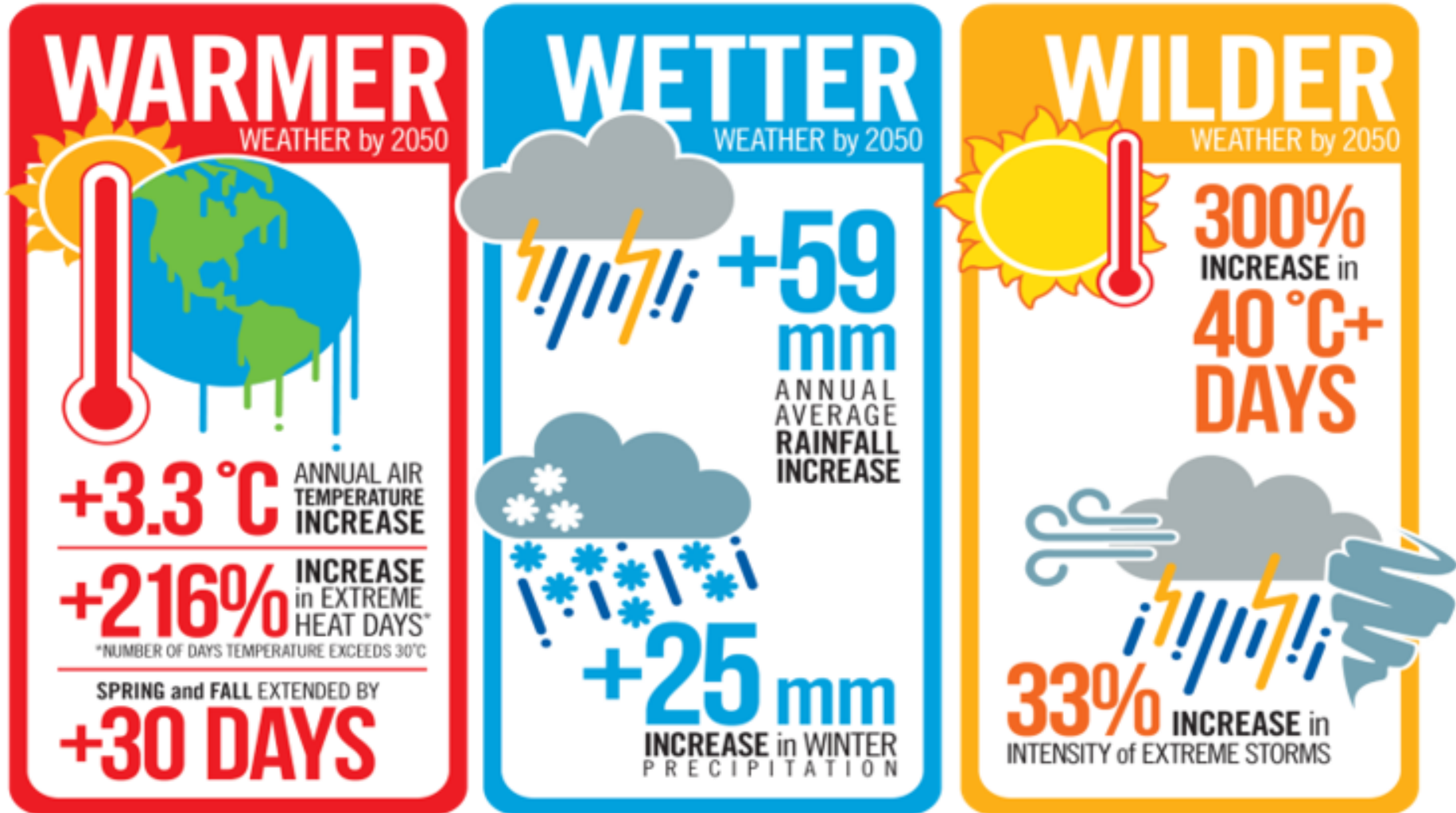


Public Health

**All York Region services are impacted by the changing climate**

# And it will continue to change

What are  
the Future  
Climate  
Trends for  
York  
Region?



# Action to adapt and mitigate risk to Regional services

Significant costs due to infrastructure damage



Higher demand for emergency shelter, housing, medical and social supports



More disruptions to critical services



The need to manage and educate the public about invasive species and loss of biodiversity



Greater and more complex demands on emergency services



Increased liability risks, insurance costs and borrowing costs





# What York Region is already doing



and more!

**Opportunity to integrate and build cross-cutting actions**

# What is the Climate Change Action Plan



Build on  
Foundation



Opportunity

# Action Plan Structure



## RESILIENT Communities and INFRASTRUCTURE

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- › Robust Infrastructure
- › Land Use Planning
- › Natural Systems

## LOW CARBON LIVING

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- › Emissions Reduction
- › Food Systems
- › Circular Economy

## SUPPORTING an EQUITABLE TRANSITION

- › Prepared and Responsive Region
- › Economic Vitality
- › Vulnerability and Equity

# Community Energy and Emissions Plan



Baseline Energy Use and GHG Emissions (Baseline)



Future Forecast (Business and Usual)



Options to Achieve Targets (Actions)



# Impacts of Climate Change on Agriculture and Agri-food Sector

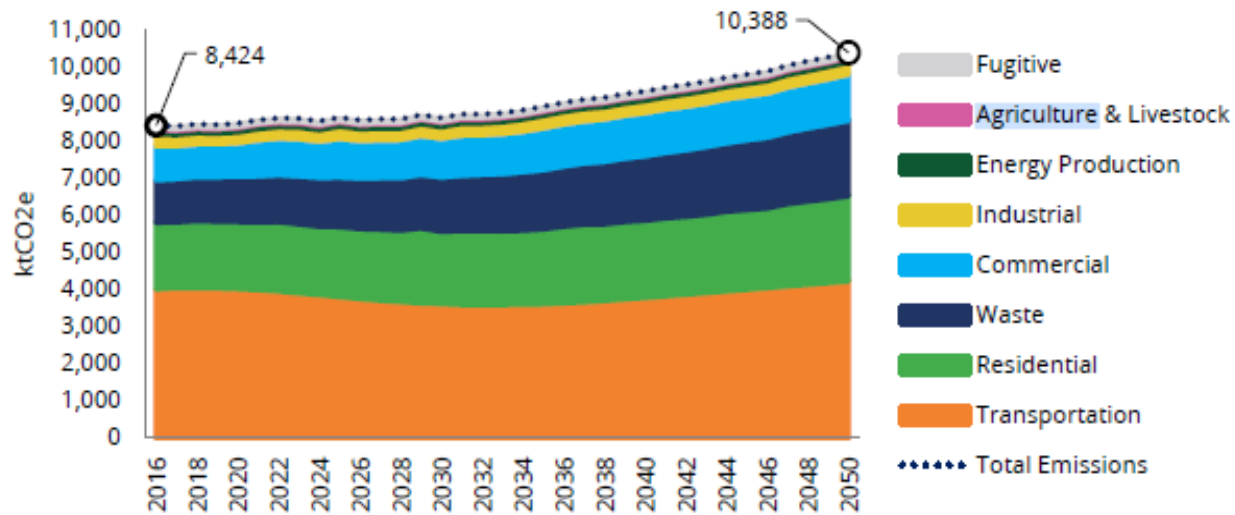
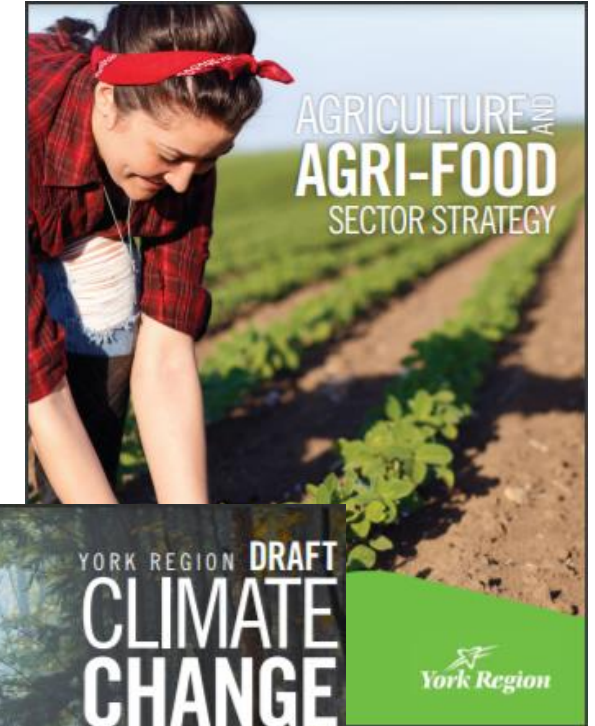
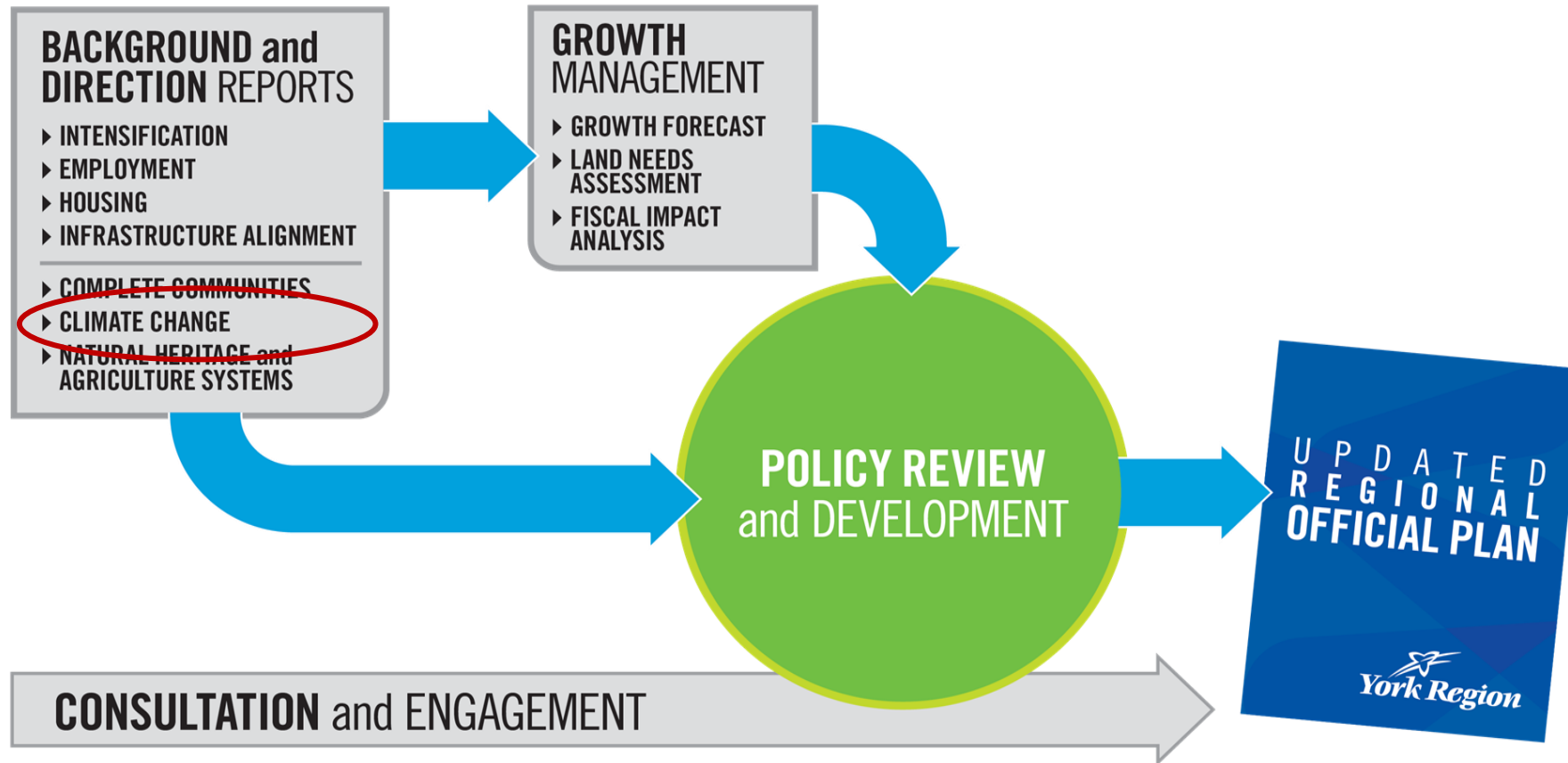


Figure: 'Business As Usual' scenario, community GHG Emissions, by sector, 2016 - 2050



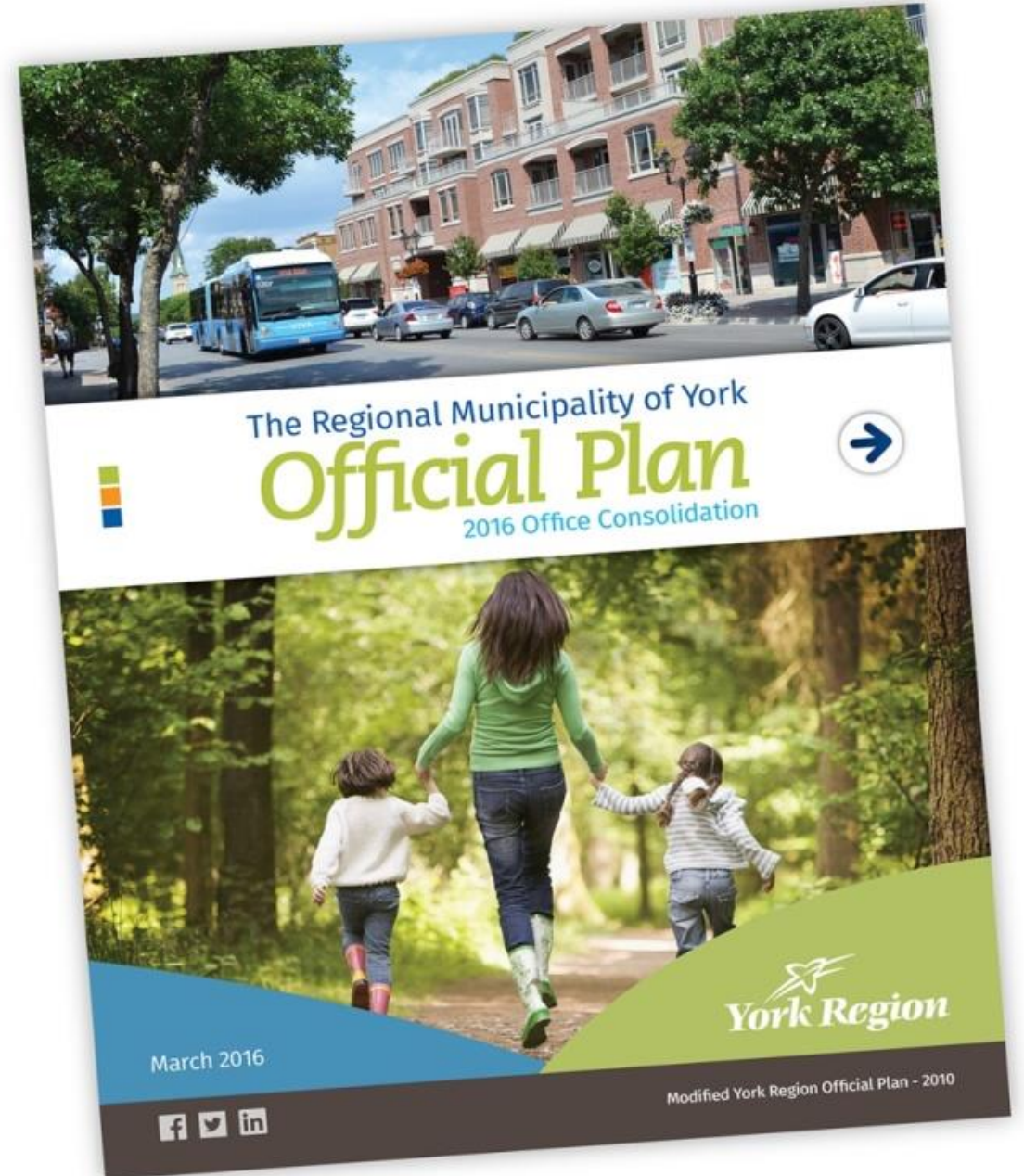
# A component of the Official Plan Update



**Council endorsed development of a climate change action plan in Q4 2017**

# Regional Official Plan Update

- Prepare for climate change impacts
- Design climate change resilient communities
- Develop climate change action plan
- Maximize active transportation and transit
- Make use of renewable and alternate energy systems options
- Establish GHG reduction targets



# Next Steps

Q1 2021	Q2 – Q3 2021	Q4 2021	Q2 2022
<ul style="list-style-type: none"><li>• Housing Policy Directions Report</li><li>• Council Education Session</li><li>• Policy Directions Report #2</li><li>• Draft Forecast and Land Needs Assessment to Council</li></ul>	MCR Update Report	Draft Regional Official Plan	Anticipated Regional Official Plan Adoption

Ongoing engagement with internal and external stakeholders

# QUESTIONS?

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