## SHIFTING OUR GAZE ON CLIMATE CHANGE:

FROM WAITING FOR INNOVATION TO AMPLIFICATION OF SOLUTIONS THAT WORK

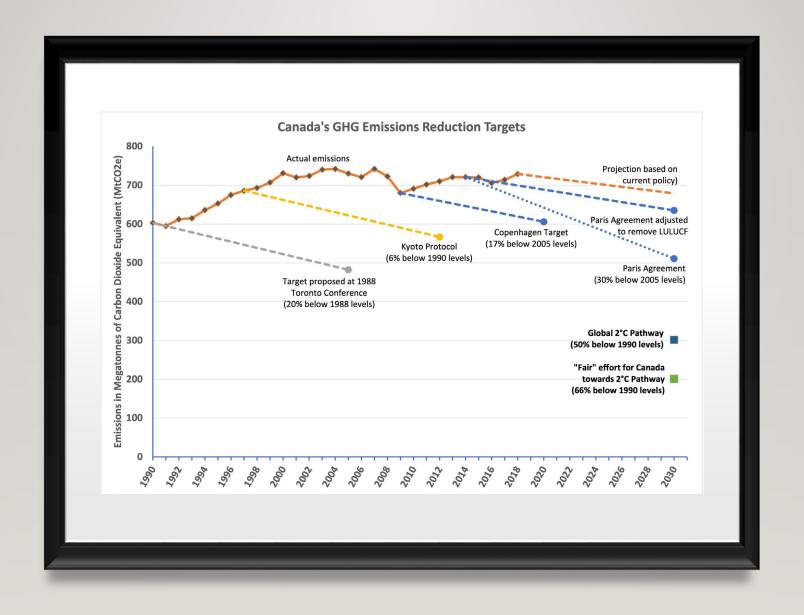
DR. SARAH BURCH

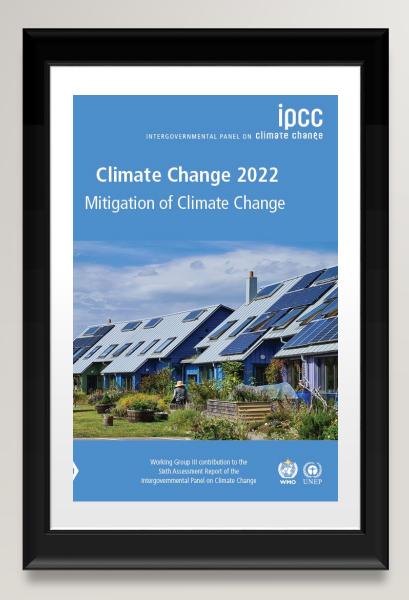
UNIVERSITY OF WATERLOO

**PRAGMA** 

MAY 11 2022



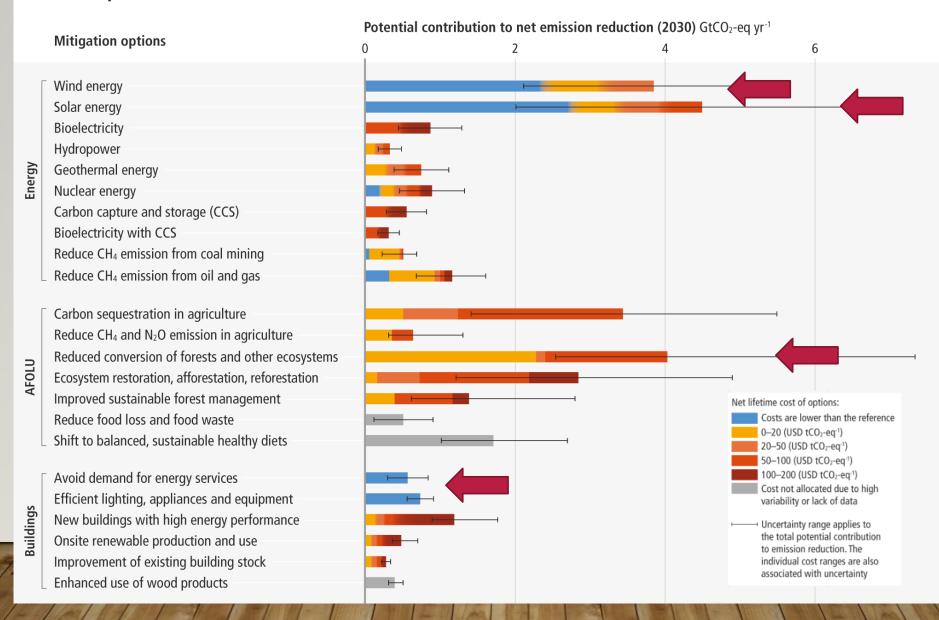




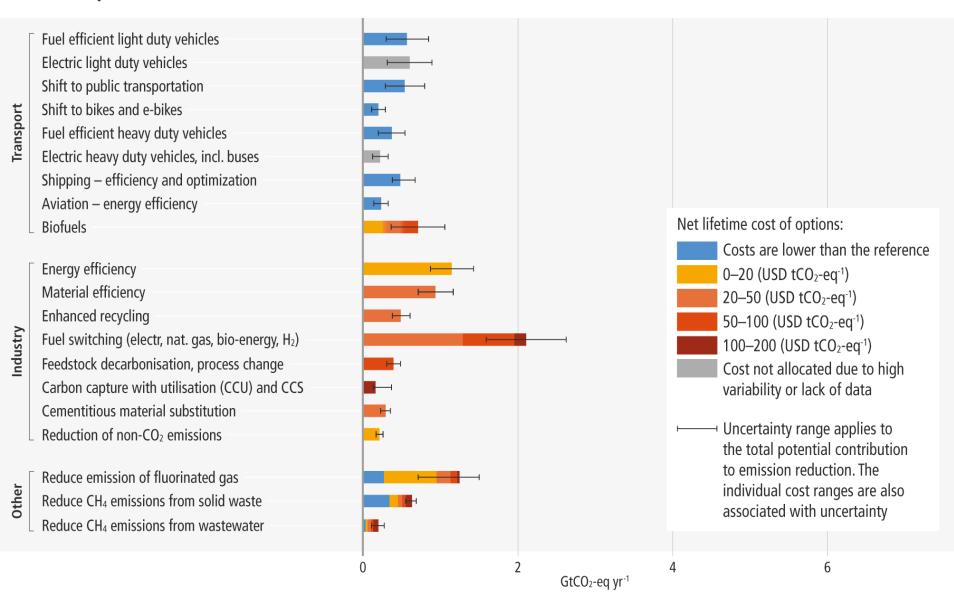
# The latest global science

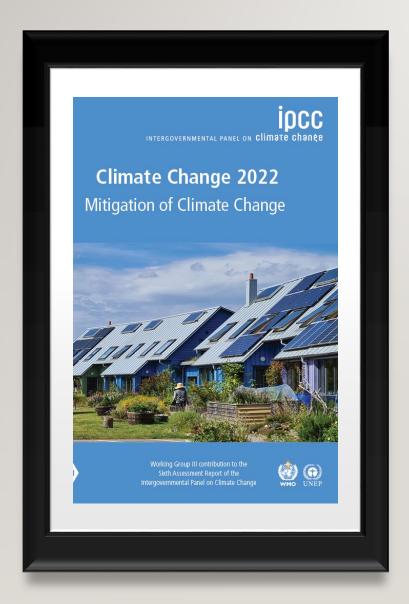
- Highest emissions in human history
- We are **not on track** to limit warming to 1.5 degrees C
- There is real evidence of sustained
  GHG reductions in some countries
- The cost of renewables has plummeted
- We have the solutions in every sector that can halve our emissions by 2030

Many options available now in all sectors are estimated to offer substantial potential to reduce net emissions by 2030. Relative potentials and costs will vary across countries and in the longer term compared to 2030.



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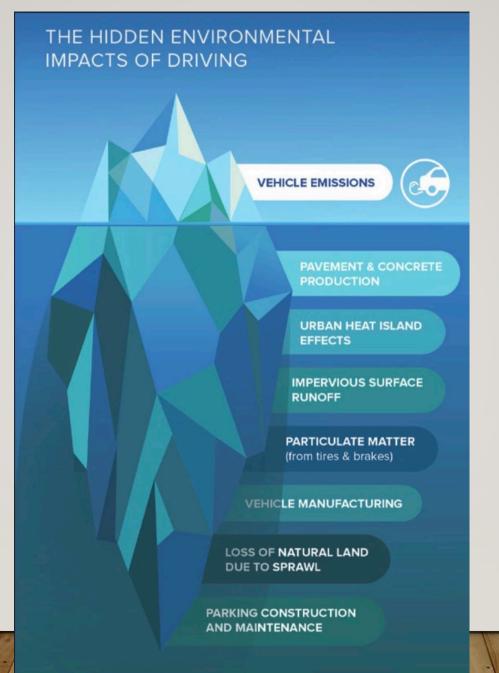


# The latest global science

 Lifestyle change can provide up to 70% of emissions reductions

### **BUT**

- Individuals are locked into high-carbon pathways
- We can't achieve Sustainable
  Development Goals without dealing with climate change
- Cities are crucial



Smart Growth America, 2021

CITY OF PORTLAND

# CLIMATE EMERGENCY DECLARATION

#CLIMATEJUSTICE | #CLIMATECRISIS









# SHIFTING OUR GAZE AND MOVING FORWARD

- Think in systems
- Step back and recharge
- Unshackle individuals
- Amplify, accelerate, inspire





