



# SENIOR GOVERNMENT REQUESTS FOR BUILDING BACK BETTER

HOW SENIOR GOVERNMENTS CAN SUPPORT  
MUNICIPALITIES IN STIMULATING A  
GREEN RECOVERY

## FEDERAL GOVERNMENT ROLE

# Canada

### NRCan

- Retrofit tax credits for homes and businesses
- Net zero model building code and retrofit code
- Funding to defray costs of distribution grid reinforcements for electrification
- Funding for EV charging network
- Funding for municipal building deep retrofits

### Transport Canada

- Zero emissions vehicle mandate by 2030

### Environment Canada

- Low carbon refrigerant, concrete, and building supply mandate
- End fossil fuel subsidies

### Infrastructure Canada

- Funding for a zero emissions Concept Transit Network and fleet
- Funds for active transportation
- Funds for district energy and sewer heat capture
- Funds for biogas generation

### Finance Canada

- Program for borrowing from RRSPs for deep energy retrofits of homes

# NATURAL RESOURCES CANADA - POLICY

## Retrofit tax credits for homes and businesses

- Strengthen incentives for emission-reducing building retrofits in homes and businesses
- Examples:
  - reinstating the federal home retrofit tax credit
  - incentivizing heat pumps and envelope upgrades in homes and businesses

## Net zero model building code and retrofit code

- Implement building code and Retrofit Code in line with federal emissions reduction targets
- Implement regular recommissioning requirements for industrial, commercial and institutional buildings

# NATURAL RESOURCES CANADA - FUNDING

## Funding for grid reinforcements for electrification

- Funds for grid upgrades to enable buildings to switch from fossil fuel use to electricity without expensive grid upgrade costs

## Funding for EV charging network

- Funds for public EV chargers, for fleet chargers, and rapid charging networks to ensure queuing is avoided

## NATURAL RESOURCES CANADA - FUNDING

## TRANSPORT CANADA - POLICY

### Funding for municipal building deep retrofits

- Funds for retrofitting all municipal buildings to net zero by 2040
- Immediately, funds for a net zero new library

### Mandate for Zero Emissions Vehicles

- Implement a mandate for only selling zero-emissions vehicles, all small vehicles by 2035 and 100% of vehicles by 2040

# ENVIRONMENT CANADA - POLICY

## End Fossil Fuel Subsidies

- Cancel all subsidies to fossil fuels to stimulate innovation and create a level playing field

## Mandates for low carbon refrigerants, concrete, and building supplies

- Restrict the sale of high global warming refrigerants and blowing agents for all uses
- Implement a mandate for low carbon concrete and building materials

# FINANCE CANADA - POLICY

Program for borrowing from RRSPs for deep energy retrofits of homes

- Allow homeowners to borrow from their RRSPs to invest in deep energy efficiency retrofits, similar to the First Time Home Buyer Program

# INFRASTRUCTURE CANADA - FUNDING

## Funding for a zero emissions Concept Transit Network and fleet

- Fund a zero emissions Concept Transit Network including zero emissions buses and trains
- Funds for converting the whole municipal fleet to zero emissions by 2040

## Funds for active transportation

- Adding or improving pedestrian and cycling connections with a focus on routes to rapid transit stations including modifications to existing highway ramps and adding underpasses and overpasses



# INFRASTRUCTURE CANADA - FUNDING

## Funds for biogas generation

- An immediate opportunity is the electrification of heating at the wastewater treatment facility to reduce the consumption of biogas at the facility, freeing up more for injection into the pipeline.
- Infrastructure to reduce landfill methane emissions, direct organics into the biogas stream, and convert liquid and solid waste processing to systems which produce biogas for use in natural gas pipelines.
- Power to gas infrastructure.

## Funding for district energy and wastewater energy transfer

- To enable low carbon heating, certain dense areas of Ottawa have been identified as ideal sites for district energy systems and will need funding to build out the network.
- Accessing waste heat from the sewer system has been identified as an opportunity for zero carbon district heating in some of these regions.

# PROVINCIAL GOVERNMENT ROLE

Ontario



## Ministry of Energy, Mines and Northern Development

- Target a zero-emission electricity grid by 2030
- Benchmark energy and emissions performance of buildings

## Ministry of Environment, Conservation and Parks

- Ban organics in landfills
- Ensure rules regarding landfill leachate re-circulation do not increase methane emissions or reduce biogas production

## Ontario Energy Board

- Amend the Template Access Agreement between municipalities and Enbridge to include a fee for running gas pipelines on municipal land
- Provide access to low-cost electricity in class B electrical accounts
- Provide mechanisms for Local Electrical Distribution Companies to incent distributed energy resources

## Ministry of Municipal Affairs and Housing

- Net zero building code
- Give municipalities support or authority for various forms of pricing transportation and flexibility on funding transit
- Allow municipalities authority to mandate zero carbon heating systems in new developments

## Ministry of Transportation

- Funding for zero emissions Transit Networks and fleet
- Funding for active transportation networks

# MINISTRY OF ENERGY, MINES AND NORTHERN DEVELOPMENT - POLICY

## Zero-emission electricity grid by 2030

- Local generation, expanding the interconnection with Quebec, an end to all new combustion generation, and ending top-up contracts for natural gas plants

## Benchmark energy and emissions performance of buildings

- Benchmark energy performance of all existing buildings (at point of sale for residential, through Provincial reporting requirements or otherwise for industrial, commercial, and institutional buildings)

# ENVIRONMENT CONSERVATION & PARKS - POLICY

# ONTARIO ENERGY BOARD - POLICY

## Landfill Rules

- Ban organics in landfills
- Ensure rules regarding landfill leachate re-circulation do not increase methane emissions or reduce potential biogas production

## Template Access Agreement

- Amend the Template Access Agreement for all Ontario Municipalities and Enbridge to include a fee for running gas pipelines on municipal land

# MINISTRY OF MUNICIPAL AFFAIRS & HOUSING - POLICY

## Net Zero Building Code

- Implement building code and Retrofit Code in line with federal emissions reduction targets
- Implement regular recommissioning requirements for industrial, commercial and institutional buildings
- Give flexibility to municipalities
- Implement a phase out of natural gas

## Transportation Pricing

- Municipal authority to fund transit from parking revenues and licensing fees
- Implement a high-occupancy toll lane on Hwy417 and direct revenues to transit
- Implement a sales tax on private parking revenues and direct funds to transit
- Add levy on registration fees of luxury vehicles with discounts for EVs
- Allow municipalities to implement road user fees, cordon/congestion charges
- Increase taxes on gasoline and diesel

# ONTARIO MINISTRY OF TRANSPORTATION - FUNDING

## Funding for a zero emissions Concept Transit Network and fleet

- Fund a zero emissions Concept Transit Network including zero emissions buses and trains
- Funds for converting the whole municipal fleet to zero emissions by 2040

## Funds for active transportation

- Adding or improving pedestrian and cycling connections with a focus on routes to rapid transit stations including modifications to existing highway ramps and adding underpasses and overpasses