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Energy Efficiency and Greenhouse Gas Reductions in the Housing Sector: A Federal Perspective

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March 10, 2021

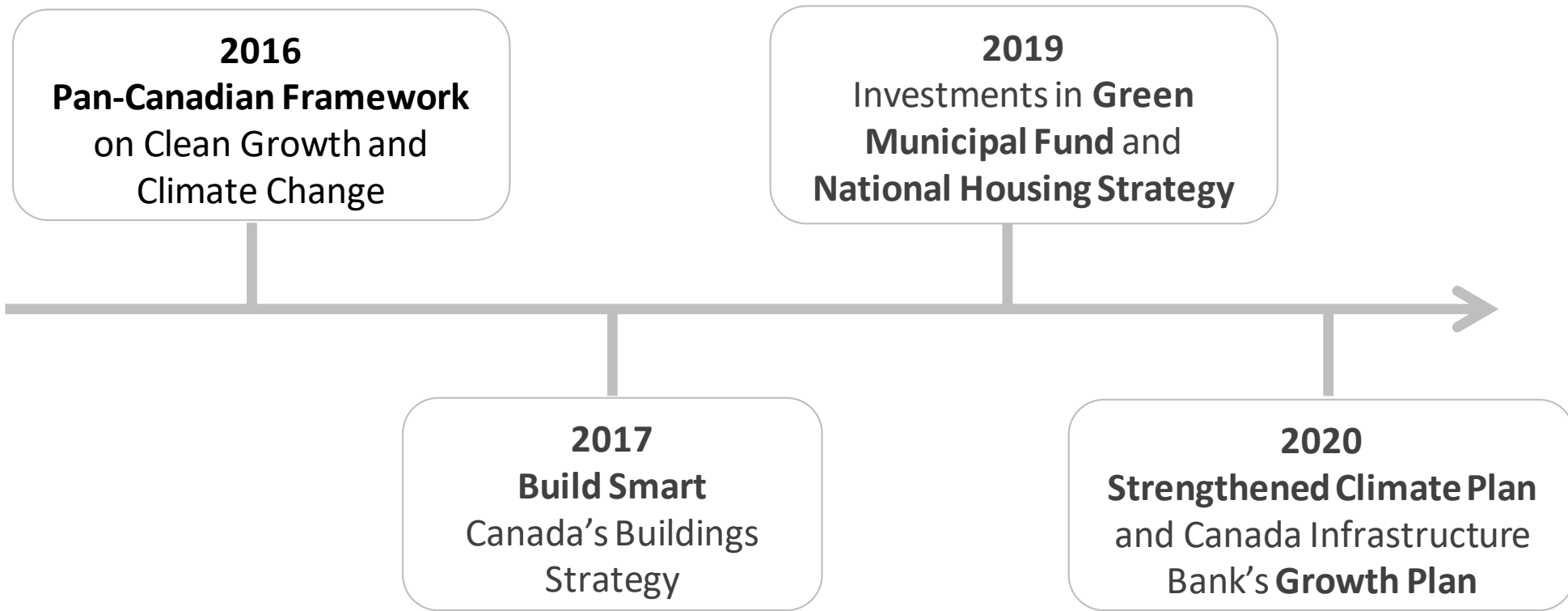
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Overview

- 1** Supporting a Transition to an Energy Efficient, Low Carbon Residential Sector
 - ↳ Government of Canada Priorities
Role of Homes and Communities Division, Office of Energy Efficiency, Natural Resources Canada
- 2** New Initiative: Greener Homes
 - ↳ Funding Announcement and Initiative Information
- 3** Q & A
 - ↳ Participant questions

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HOMES AND BUILDINGS ARE AT THE CENTRE OF THE GOVERNMENT'S CLIMATE AND ECONOMIC PLANS



Objectives

Exceed 2030 emission targets and achieve NZ by 2050

Construct and retrofit high-performance homes and buildings

Create skilled jobs and build a resilient economy

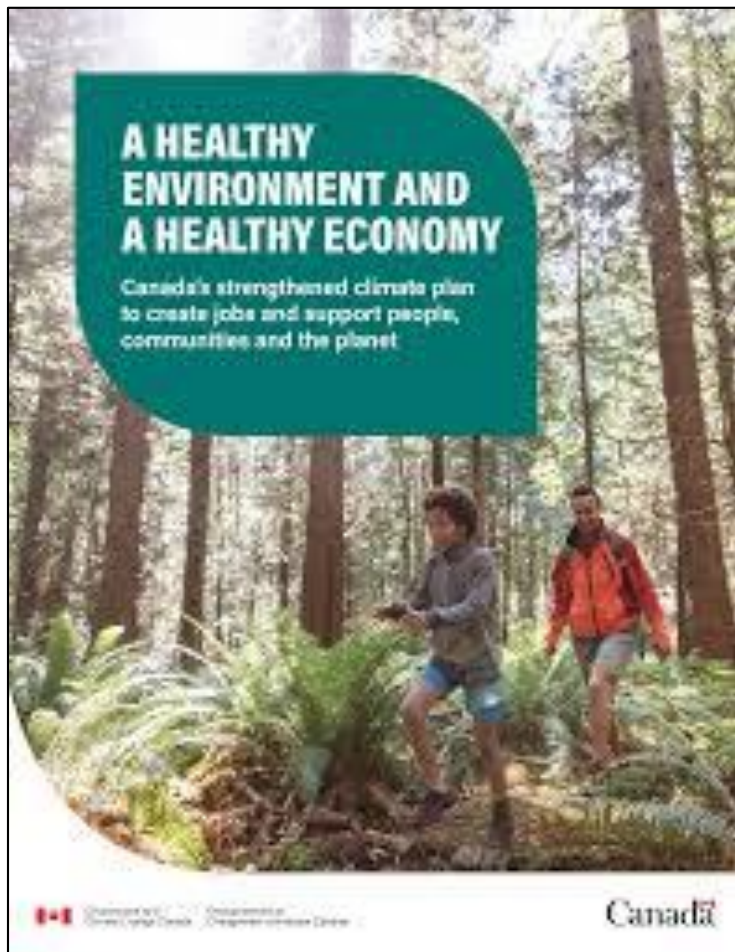
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THE TOOLBOX GREW SIGNIFICANTLY: AMBITIOUS CODES AND STANDARDS, EXPANDED FINANCING & INCENTIVES, AND MUCH MORE

CODES & STANDARDS	INFORMATION & CAPACITY BUILDING	FINANCING & INCENTIVES	TECHNOLOGY & INNOVATION
<p>Codes for new construction Net zero energy ready by 2030</p>	<p>Funding support For local labelling & disclosure initiatives</p>	<p>Financing Green Municipal Fund, Canada Infrastructure Bank</p>	<p>NRCan Innovation Buildings projects via ETS / Canmet / CFS</p>
<p>Codes for existing buildings Publish by 2025</p>	<p>Tools & Enabling EnerGuide rating system & advisors, ENERGY STAR Portfolio Manager</p>	<p>Incentives / funding Energy management projects, Low-Carbon Economy Fund, Clean Energy Rural & Remote Communities</p>	<p>Initiatives in other departments National Research Council, Greening Government Strategy (TBS)</p>
<p>More ambitious equipment standards Via Energy Efficiency Regulations + Market Transformation Roadmap</p>	<p>Certifications ENERGY STAR for New Homes, for Buildings, for MURBs</p>		

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AND THE TOOLBOX KEEPS GROWING: THE 2020 STRENGTHENED CLIMATE PLAN ADDED A SUITE OF NEW INITIATIVES FOR HOMES AND BUILDINGS



Greener Homes initiative (grants of up to \$5,000 for energy-efficient improvements, supported by an EnerGuide evaluation)



Market Transformation Road Map



Low income household retrofits



Low-cost loan program



Green, domestic building materials supply chain

1

Homes and Communities Division

Supporting...

- Development and adoption of residential building codes
- Market transformation for energy efficient equipment and appliances
- Modelling tools and data services
- Literacy in energy efficiency, emissions and codes
- Modernized standards and platforms

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Funding Announcement

Fall Economic Statement commitment:

- Provide \$2.6 billion over 7 years, starting in 2020-21, to Natural Resources Canada to help homeowners improve their home energy efficiency by providing:
 - Up to 700,000 grants of up to \$5,000 to help homeowners make energy-efficient improvements to their homes, supported by an EnerGuide evaluation
 - Support for the recruitment and training of EnerGuide energy advisors to meet increased demand



canada.ca/fall-economic-statement

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Supporting Broader Priorities for the Residential Sector

The Greener Homes initiative will support the Government of Canada's broader measures to reduce emissions in the residential built environment, including through:



Introduction of Codes for Existing Buildings (to be published by 2025)



More ambitious equipment standards
(Via Energy Efficiency Regulations + Market Transformation Roadmap)



Green, domestic building materials supply chain



Labelling and disclosure of home energy information
(Pan-Canadian Framework, 2016)



Skills training to support a transition to a low carbon economy

Objectives

*Exceed 2030
emission targets
and achieve NZ by
2050*

*Construct and
retrofit high-
performance homes
and buildings*

*Create skilled jobs
and build a resilient
economy*

2

Greener Homes: Information



Provide grants up to \$5,000 for a range of energy efficiency retrofit measures, including improving the building envelope through insulation measures, heat pumps for heating and cooling, and renewable energy



EnerGuide pre- and post-retrofit evaluations a requirement for grant eligibility







Support for recruitment, mentoring and training for a new wave of energy advisors.



Ongoing updates to support awareness of grant opportunities and unique considerations for delivery of the initiative in rural, remote, northern and Indigenous communities

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Greener Homes: Eligibility

-  Grant eligibility is retroactive to December 1, 2020
-  For homeowners looking to be eligible for a retroactive payment, they must document their “retrofit journey.” This journey must begin with an EnerGuide evaluation
-  Homeowners must keep all copies of invoices for the EnerGuide evaluation, and dated estimates and invoices for subsequent work completed
-  Further details on eligibility to be shared soon

Greener Homes: P/T & Municipal Programs



Greener Homes will complement existing provincial, territorial and municipal energy efficiency programs



EnerGuide pre- and post-retrofit evaluations are a requirement for many existing energy efficiency incentive programs across Canada



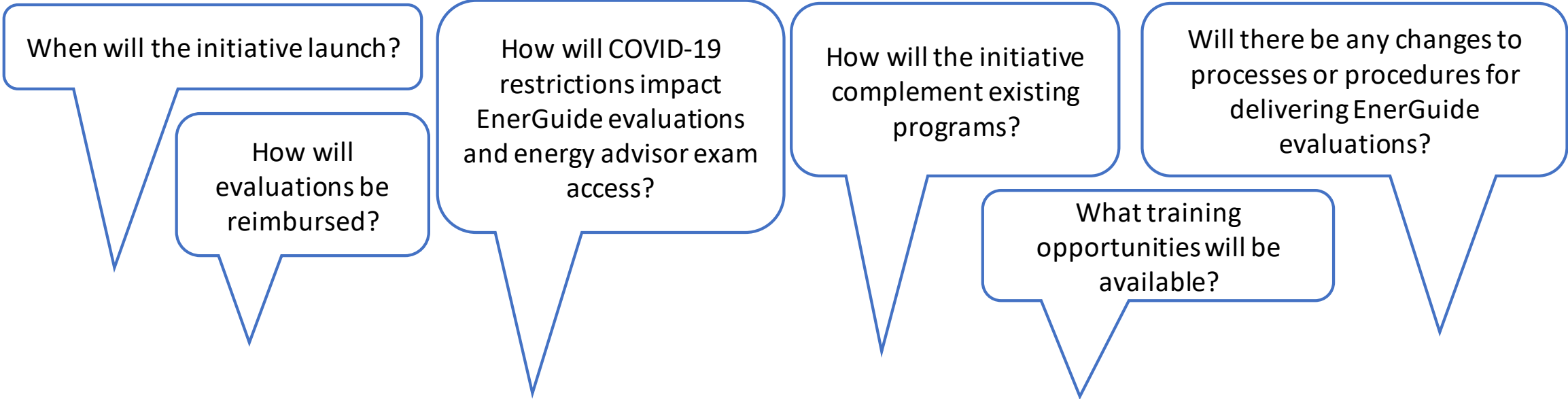
Opportunities to participate in more than one program could offer greater support for homeowners to undertake energy efficiency retrofits

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Q & A

What we've heard...

Since announcing the initiative, we have received a number of questions...



... Many of which will be answered closer to the launch of the initiative.

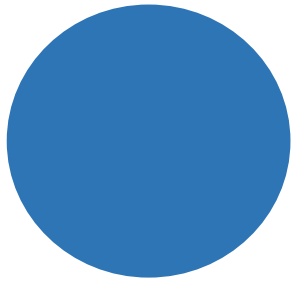




Q & A

Questions for NRCan





Thank you!

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