



Build Smart

Canada's Buildings Strategy

A Key Driver of the Pan-Canadian Framework on Clean Growth and Climate Change

Build Smart Together - Let's Put All Our Energy in the Right Place

Decision-makers, city-leaders, industry professionals, home owners, renters, building owners and operators: we all want the same things.

We want to lower our costs, see jobs grow, live and work in safe, comfortable spaces — and we want that for everyone else in our community too.



Energy Efficiency will be the norm by 2030

Efficiency is hard to see, but we feel it in the comfort of our homes, our economy, our wallets.

Efficiency. It's No Mystery. We have what it takes to get there.

⚡ **25%**

The amount Canada boosted its **energy efficiency** between 1990 and 2014

🏠 **80,000**

The number of **efficient new homes built** since the inception of Canada's **ENERGY STAR for New Homes and R-2000 initiatives**

3 MILLION

Number of **homes rated** to date using the **ENERGYGUIDE Rating System**

🏠 **800,000+**

Number of **efficiency retrofits** resulting from **EnerGuide home evaluations**

💰 **\$38.5 BILLION**

The amount **Canadians saved on energy bills** in 2014 as a result of **efficiency improvements** since 1990

🏠 **189 MILLION m²**

of **floor space** in **Canada** is **registered** in **ENERGY STAR Portfolio Managers**

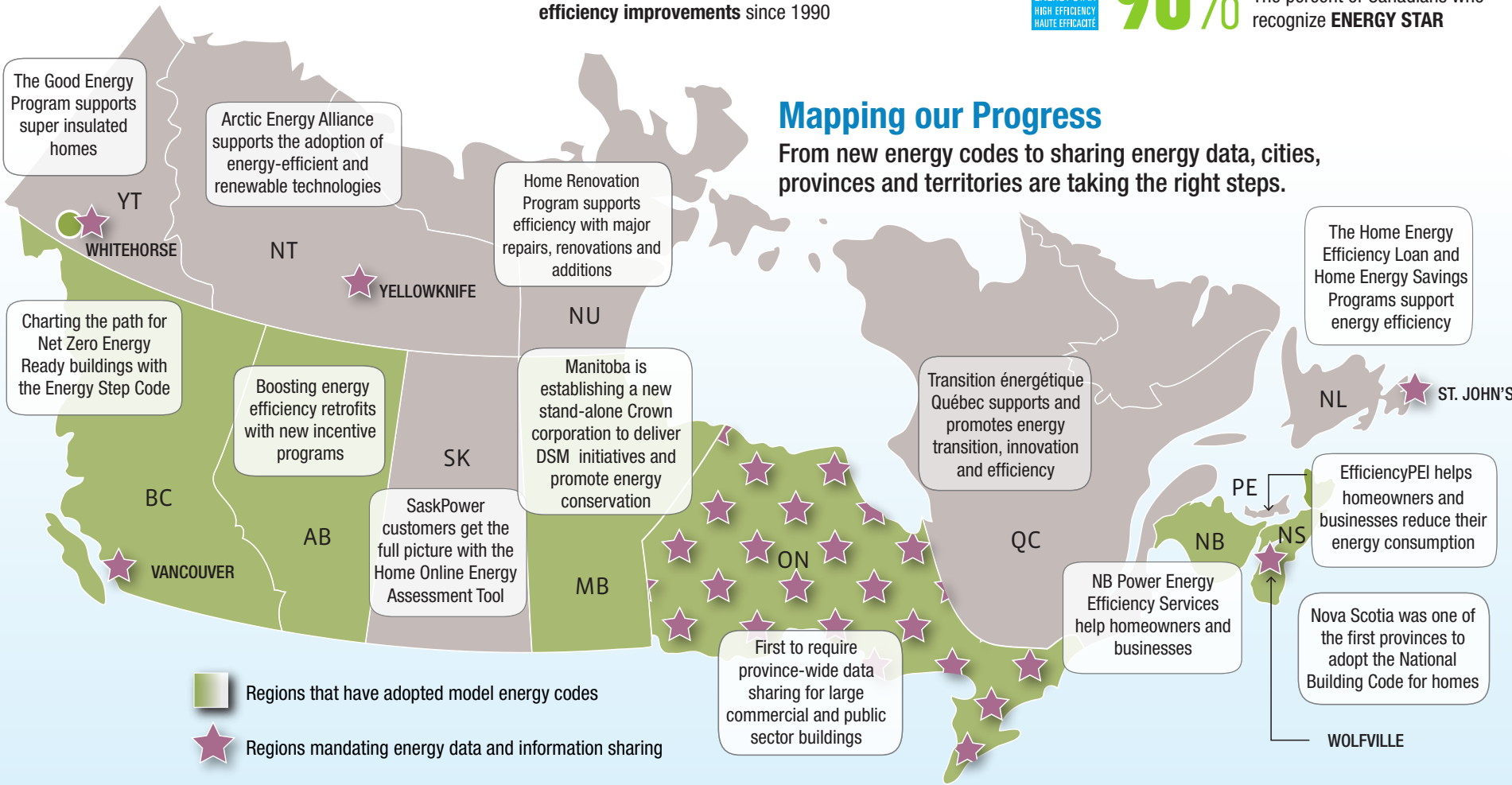


90%

The percent of **Canadians** who recognize **ENERGY STAR**

Mapping our Progress

From new energy codes to sharing energy data, cities, provinces and territories are taking the right steps.



Come on in, the future feels fine

Learn more about Canada's Building Strategy and how, together, we can create homes and buildings designed for living and for life.

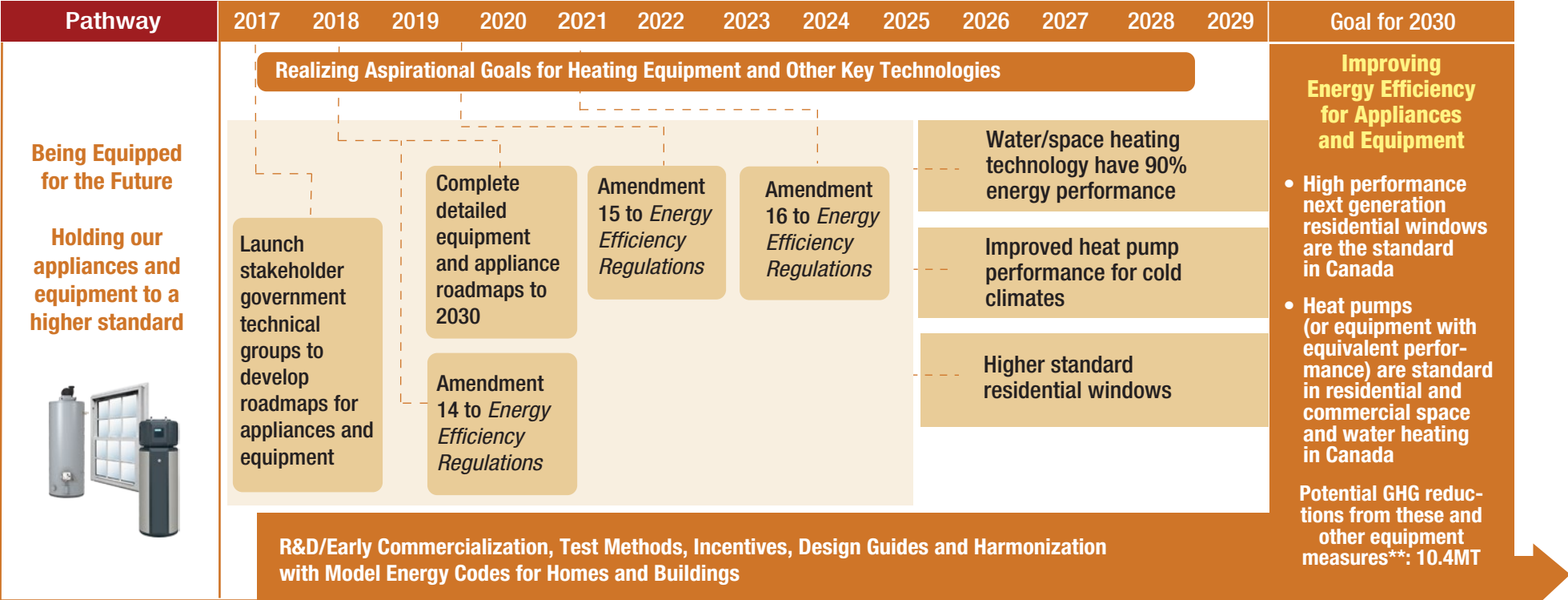
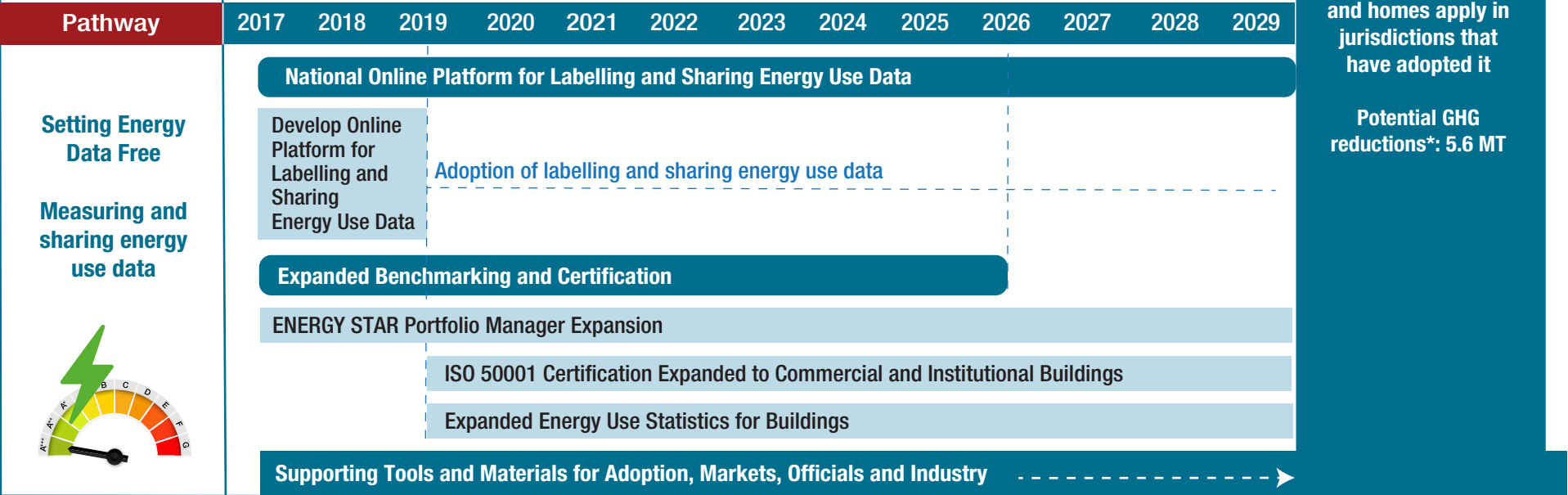
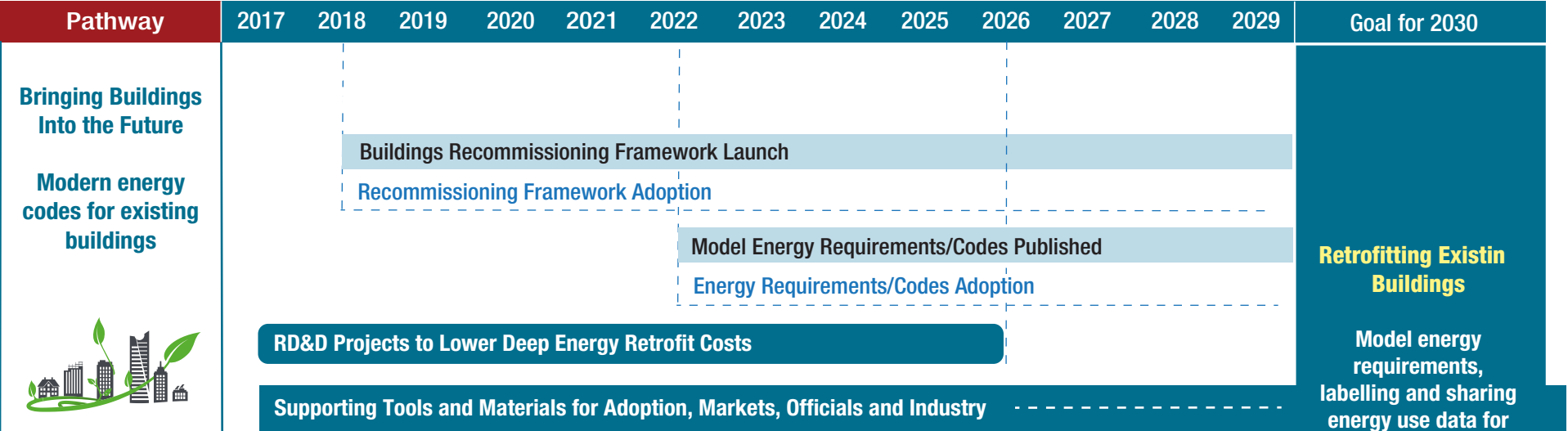
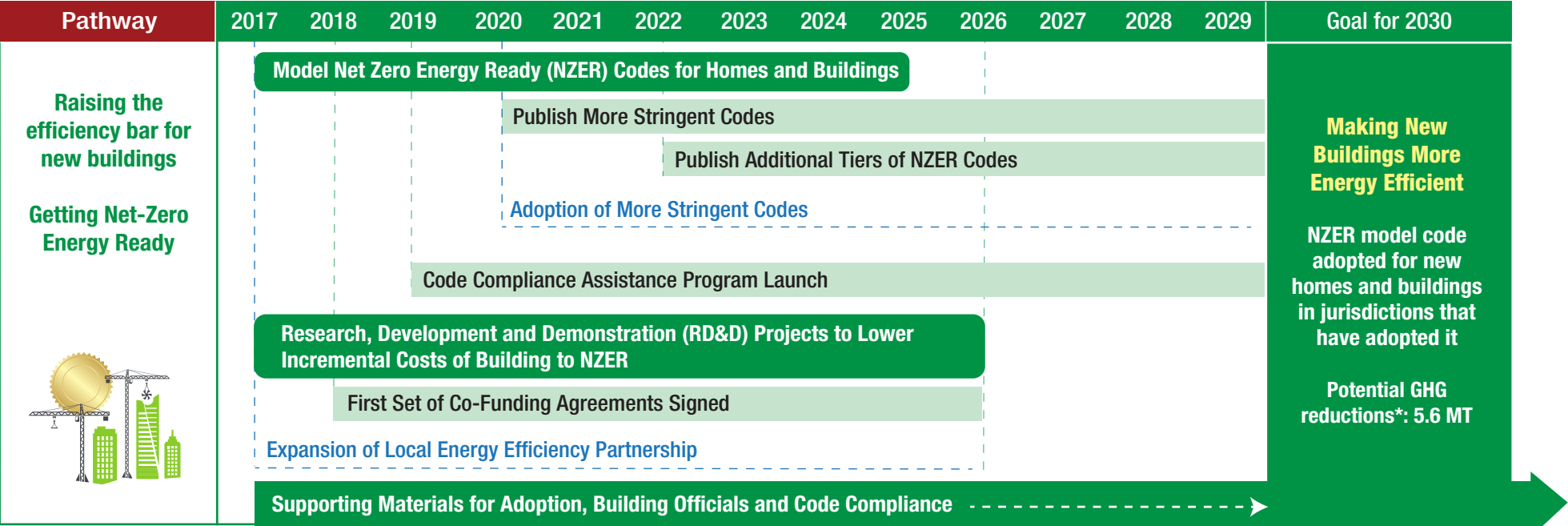
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nrcan.gc.ca/Buildsmart



Critical Path to 2030

nrcan.gc.ca/pathwayto2030



Key milestones

- Spring 2018
- Launch recommissioning framework to optimize existing buildings.
- Summer 2018
- Start funding RD&D projects to lower cost of high performance and net-zero energy ready code and deep energy retrofits.
- Winter 2018
- Launch ENERGY STAR certification for commercial and institutional buildings.
- 2018-2019
- Launch a new program to ensure that energy codes are implemented properly when they are adopted.
- Winter 2019
- Develop an online platform and framework for labelling and sharing home and building energy use data.
- Spring 2019
- Start implementing activities in support of short, medium and long term goals for appliances and equipment.
- Fall 2020
- Complete national survey of commercial and institutional building energy use.
- Fall 2020
- Publish more stringent model codes and NZER codes for buildings and homes.
- Fall 2022
- Publish additional tiers of NZER codes for buildings.
- Fall 2022
- Publish model energy requirements for existing homes and buildings.

* Potential GHG reductions if adopted by all provinces and territories, based on modeling by Environment and Climate Change Canada (ECCC)
** Based on modeling by ECCC