

ZERO EMISSIONS BUILDING PLAN

Aiming to achieve zero greenhouse gas emissions for all **new** buildings in Vancouver by 2030

WHY?

The Zero Emissions Building Plan is one step in shifting Vancouver to **100% renewable energy and 80% fewer greenhouse gas emissions before 2050**. These goals are set out in the City's **Renewable City Strategy**.

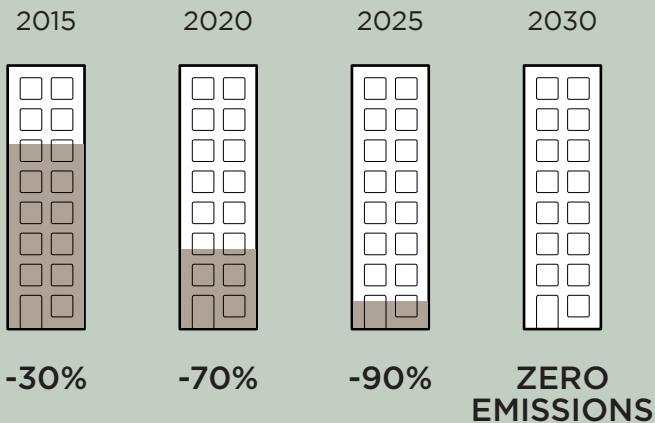
57% (2015) of Vancouver's greenhouse gas emissions comes from **energy used in buildings**.



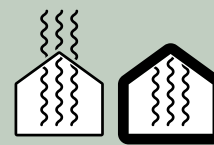
HOW?

GRADUAL CHANGES

We won't achieve zero emissions overnight. The Plan will use Vancouver's building code and rezoning policies to set **midterm targets**. New buildings already produce 30% fewer emissions today than they did in 2007. After 2030, new buildings will produce zero emissions.

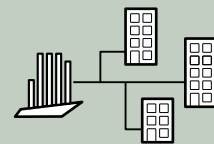


WAYS TO GET TO ZERO EMISSIONS



REDUCE THE HEAT NEEDED TO KEEP BUILDINGS WARM

Better-insulating walls and windows and draft-proofing are like **putting a sweater on a building**. In winter, they **keep the heat in**, where it belongs! Added bonus: in the summer, the building will need **less cooling energy** to stay comfortable.



CONNECT TO NEIGHBOURHOOD RENEWABLE ENERGY SYSTEMS

Centralized systems (like the one in Olympic Village) will shift **entire neighbourhoods to renewably powered heating** sooner than if each individual building had to do it themselves.

WHAT DOES THIS MEAN FOR YOU?



QUIETER, HEALTHIER INDOORS

Super-efficient new buildings will be **more comfortable** to live and work in. They'll be more quiet, less drafty, and have better indoor air quality.



LOWER ENERGY BILLS

Buildings in Vancouver are already using less energy than they did in 2007. Better energy efficiency will **cut the amount Vancouverites pay** even further.



MORE DURABLE BUILDINGS

Zero emission buildings don't need complicated systems to heat them. With less equipment to break down, they will be **easier and less expensive to maintain**.



NOT A NATURAL GAS BAN!

Keep on cooking! The Plan is aimed at **lowering energy use** first and foremost, making it easier to move to renewable forms of energy with **little to no added energy cost**.

LEARN MORE AT
VANCOUVER.CA/RENEWABLECITY

