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Project Goals

01

BUILD CAPACITY	
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Build capacity in residential home development industry to adopt Net Zero (NZ) technologies.



02

INCREASE PENETRATION	
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Increase the penetration of net zero technologies into mainstream new housing



03

ADDRESS BARRIERS	
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Address existing barriers for the uptake of NZ technologies across Ontario



Methodology

The project was separated into five phases.

1

PROGRAM DESIGN & RECRUITMENT

This phase included project planning, technical research, and stakeholder (builders and manufacturers) engagement. The majority of the recruitment effort was concentrated in this phase. A steering committee meeting was also established.

2

PROGRAM DEVELOPMENT & WORKSHOPS

This phase included planning and delivering the program workshops, and technology pitch workshops to prepare the builders for their discovery home builds. Builders were informed of each technology and were able to select the technologies they would demonstrate.

3

PROGRAM DELIVERY & BUILD PHASE

This phase involved the builders constructing their discovery homes. Builder staff (marketing, sales, contracts, construction, warranty service) and trades were informed and educated on the benefits of the technology and the manufacturer recommended installation practices

4

MARKETING

This phase is involves the development of knowledge transfer assets and consumer surveys. Case studies for participating builders and for net zero technologies where developed. Knowledge transfer webinars were conducted for technologies delivered by manufacturers.

5

REPORTING & EVALUATION

This phase includes developing milestone reports, modelling discovery home energy consumption. Builders were interviewed on there challenges and overall experience. A selected number of chief building officials were also interview to understand municipal perspectives.

Methodology



Project by the numbers

The project achieved the following results

8
BUILDERS

75
DISCOVERY
HOMES
COMPLETED

18
TECHNOLOGIES
PITCHED

9
TECHNOLOGIES
TESTED



Project Participants

