



Creating homes and neighbourhoods
that work well into the future
and don't cost the Earth

Sustainable Homes and Neighbourhoods: an introduction

Presentation to Beacon Stakeholder Symposium

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30 May 2007

Beacon Pathway Limited



What is Beacon?



Aim is to transform New Zealand's Residential Built Environment



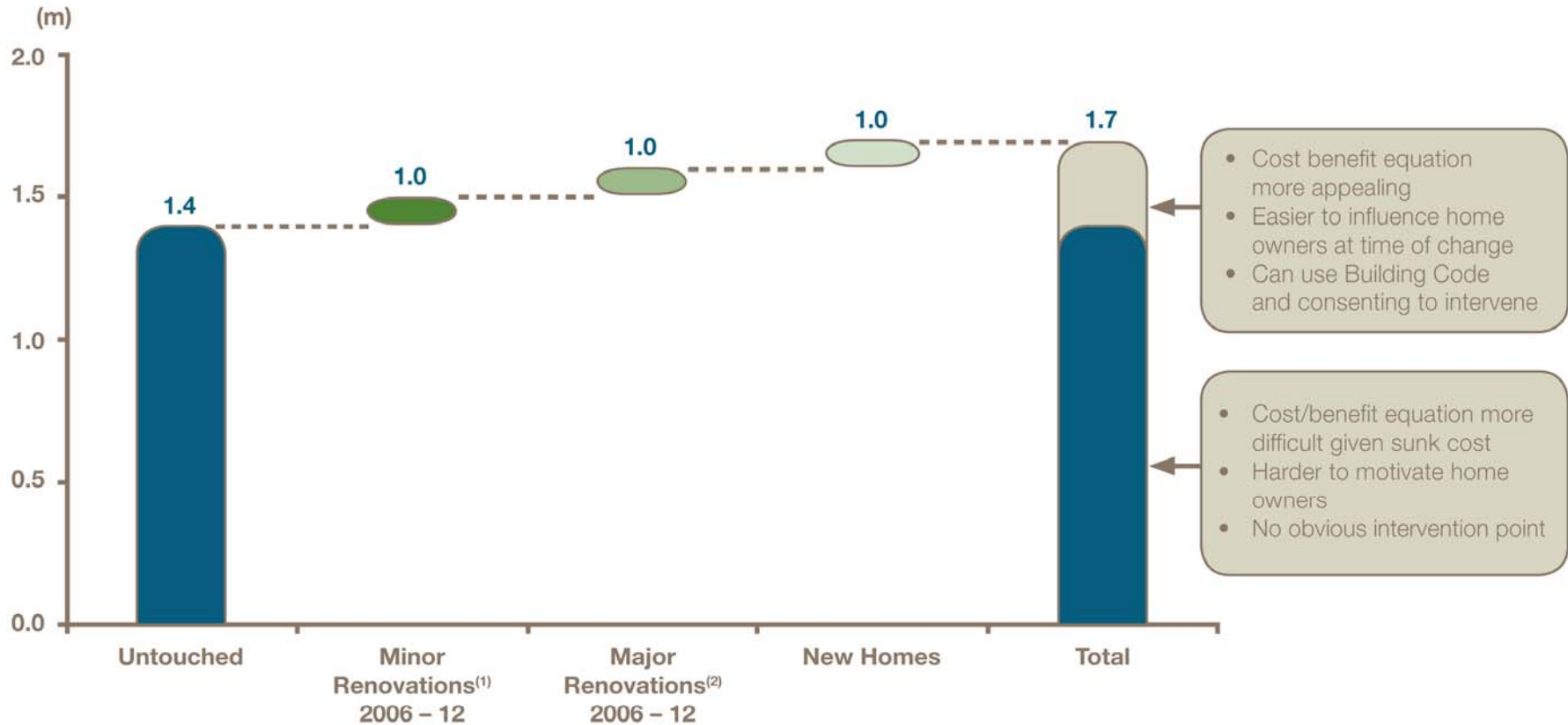
Beacon's goals

1. To bring the vast majority (90%) of New Zealand homes to a high standard of sustainability by 2012
2. Every new subdivision and any redeveloped subdivision or neighbourhood from 2008 onwards be developed with reference to a nationally recognised sustainability framework.



UNTOUCHED HOUSING STOCK MUST BE TARGETED TO DRIVE CHANGE

Projected House Construction and Renovation to 2012



(1) Minor Renovations include consented and non-consented works with an impact on one of bathroom, kitchen or laundry (approx 10,000 consented and 10,000 non-consented involving changes to one of three areas)

(2) Major Renovations are all consented works including major refits, extensions or whole house renovations (approx 20,000 per year from 2006 – 12)

Strategic initiatives informed by research pathways will move Beacon towards its sustainability goal



High Standard of Sustainability in
90% of NZ homes by 2012

Neighbourhoods developed with reference to national sustainability framework by 2008

Policy and regulatory change, consumer behaviour, industry capacity and technological innovation

Homes

Neighbourhoods

Energy Efficiency

Water Efficiency

IEQ

Materials

Enablers

- Measurement and demonstration tools
- Trusted information to industry, policymakers and consumers
- Technology assessment

Nation

Region

City

Neighbourhood

Home

Beacon driving change through research



- Establish best practice
- Establish value cases
- Pilot / case studies with partners
- Provide trusted information to enable action
- Drive uptake

