Warm Up New Zealand is a government-subsidized residential energy efficiency and clean energy program, addressing respiratory illnesses and winter mortality rates. The Energy Efficiency & Conservation Authority (EECA) collaborated with home insulation companies, regional councils, energy trusts, and other partners to provide low-income households with grants covering 60% of the cost of insulation.

From 2009 to 2013, Warm Up New Zealand: Heat Smart focused on homes built before 2000. A positive cost-benefit analysis led to the creation of Warm Up New Zealand: Healthy Homes, which ran from 2013 to 2016. An extension of Healthy Homes is in progress, targeting homes with low-income residents or those with health needs related to cold, damp housing. The EECA recommends households to service providers and works with doctors and District Health Boards to develop referral pathways into the program.

Combined, these programs are insulating over 300,000 homes, reaching 20% of the New Zealand housing stock, and creating around 2,000 jobs.

OVERCOMING OBSTACLES

Upfront costs of insulation and clean heating were addressed by offering simple repayment options for costs not covered by grants, including repayment through property tax bills.

To gain buy in, EECA invested in a media campaign creating awareness on the benefits of insulation. Additionally, it researches the quality and safety of all insulation and heating service providers, sets guidelines on insulation and clean heating systems, and conducts regular audits.

REFERENCES AND PHOTO CREDITS AVAILABLE IN FULL REPORT: Multisolving at the Intersection of Health and Climate: Lessons from Success Stories
**LEADERSHIP AND COLLABORATION**

**ACADEMIA**
- Universities (E)

**BUSINESS**
- Banks (F)
- Insulation Companies (I)
- Energy Trusts (F)

**GOVERNMENT**
- EECA (A, C, D, F, I)
- Ministry of Health (I)
- Regional councils (F, I)

**HEALTHCARE**
- Doctors (A, I)

**SOCIAL MISSION**
- Non-profits (F)
- Charities (F)

EECA designed and provided the initial funding, while regional councils and other partners were involved in project implementation. Where private partners directly funded communities for insulation, EECA was involved in technical assistance and quality assurance.

**BENEFITS**

**CLIMATE BENEFITS**
- Well insulated homes stay comfortable during power outages.

**HEALTH BENEFITS**
- Reduced mortality, especially for people over 65 years old with a pre-existing respiratory or circulatory condition\(^2\)
- Warmer, dryer, more comfortable homes

**REPLICATION**

Private partners have come on board and financed home insulation programs in different parts of New Zealand.

Following this program, there have been changes in the Residential Tenancies Act, and beginning July 1, 2019, ceiling and underfloor insulation must meet a set standard in all rental properties.

**CONTACT INFORMATION**

Jenny Lackey,
General Manager, Strategic & Delivery Services
Energy Efficiency and Conservation Authority
Jenny.Lackey@eeca.govt.nz