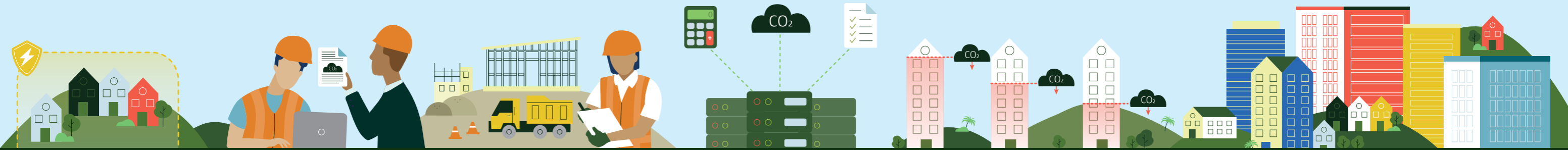


Building for Climate Change

Work Programme



2022

2023

2024

2025

2026-2029

2030

2040

2050

ACCELERATING THE SHIFT TO LOW CARBON BUILDING

- Discussion groups with sector representatives** to design policy options
- Low emissions building examples** showcased
- Workforce and skills initiatives** to upskill about carbon assessments underway
- Sector and consumer behaviour** relating to building and climate change explored

IMPROVING THE ENERGY EFFICIENCY OF BUILDINGS

- Technical methodology developed** for operational emissions
- Transition period concludes** in May 2023 for increase to wall, floor and roof insulation in new homes
- Building Code compliance pathways** for operational efficiency requirements consulted on.
- Reporting requirements** for operational emissions in new buildings begin
- Phased lowering of caps** for operational efficiency in new buildings
- Emissions reduction policy measures** for operational emissions in existing buildings developed and consulted on
- Review and update** of caps for operational emissions
- Final emissions caps** for operational emissions in all new buildings
- Operational Emissions reduction measures:** phased introductions for existing buildings

REDUCING THE WHOLE OF LIFE EMBODIED CARBON OF BUILDINGS

- Technical methodology developed** for embodied carbon
- Building Code compliance pathways** for embodied carbon requirements consulted on.
- Reporting requirements** for embodied carbon emissions in new buildings begin
- Phased lowering of caps** for embodied carbon emissions in new buildings
- Emissions reduction policy measures** for embodied carbon emissions in existing buildings developed and consulted on
- Review and update** of caps for embodied carbon emissions
- Embodied Carbon Emissions reduction measures:** phased introductions for existing buildings
- Final emissions caps** for embodied carbon in all new buildings

ESTABLISHING THE FOUNDATIONS FOR EMISSIONS REDUCTION

- Carbon Neutral Government Programme** reporting requirements begin
- Engagement with Māori** to identify new opportunities
- Emissions reporting and caps for new buildings** consulted on
- Emissions reporting database and tools** designed
- Building Code updated** to set foundation for emissions reporting and capping new building emissions
- Amendment Bill** passed for Energy Performance Ratings and Waste Minimisation
- Regulations for Energy Performance Ratings and Waste minimisation** consulted on
- Databases and tools:** Building materials database, carbon calculation tools, resources, and data repository in place
- Mandatory energy performance ratings** for commercials, public, and large residential buildings
- Carbon Neutral Government Programme** reporting requirements fully in place
- Energy performance and waste minimisation** regulations made

INCREASING BUILDINGS' RESILIENCE TO CLIMATE RISK

- Adaptation resources** published to help people adapt their homes to the changing climate
- Updated climate projections data** available.
- New risk assessment methodologies** for climate hazards in different building types.
- Building Code and standards updated** to reflect new climate hazard data



All buildings built after 2030 have the lowest possible whole of life embodied carbon and operational emissions are near zero.

All buildings built before 2030 have the lowest possible whole of life embodied carbon at the point of upgrade.

Buildings are resilient to the impacts of climate change.

- INFORMATION
- CONSULTATION
- LEGISLATION
- NEW REQUIREMENT
- DESIGN