



**MINISTRY OF BUSINESS,
INNOVATION & EMPLOYMENT**
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Updates: - **Research Strategy for the Building Sector**
 - **National Science Challenges**





The Research Strategy for the Building and Construction Industry

Why do we need a research strategy?

- Fragmented industry
- Siloed and competing researchers
- Difficult for Govt funders to know who represents the sector
- Hard to make a compelling argument for funding



Public funding for construction research

- PGSF
 - Ex FRST, MSI now MBIE SSI
 - BRANZ levy
 - Universities
 - CRIs
 - MBIE IRM



The Research Strategy

- Four sponsors
 - MBIE IRM
 - Construction Strategy Group
 - Construction Industry Council
 - BRANZ
- Developed after extensive discussions with industry
- Public comment for 3 months until March 2013



Nine themes

- Better Buildings
- Materials performance
- Maintaining & improving the performance of existing buildings
- Sustainability
- Automation, industrialisation & new technologies



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- Operating environment
 - Productivity
 - Meeting the housing needs of all
 - Building better cities and communities



Status

- Completed
- Minister to launch in September?
- Reviewed annually
- Revised 3-5 yearly



National science challenges

- Strategic approach to science investment
- Alignment and coordination of government science investment,
- Aim of generating more relevant research addressing key New Zealand priorities
- \$133 Million PGSF \$\$ extra over 4 years
- Likely to see more PGSF \$\$ over time go to challenges
- Long term funding – 10 years



National science challenges

- Ageing well
- A better start: Research to improve the potential of young New Zealanders
- Healthier lives: Research to reduce the burden of major New Zealand health problems
- High value nutrition: Research to develop high value foods with validated health benefits
- New Zealand's biological heritage and Enhanced biosecurity



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- Towards more sustainable primary production
 - Life in a changing ocean: Research to understand, exploit and sustain our marine richness ;
 - The deep South: Research to understand the role of the Antarctic and Southern Ocean in determining our future environment ;
 - Science for technological innovation: Research to enhance the capacity of New Zealand to use physical and engineering sciences for economic growth ;
 - Nature's challenges: Research to enhance our resilience to challenges that nature throws at us



Challenge 11

- Building better homes towns and cities
- Received a lot of public support
- Deferred
 - to evaluate whether the industry research strategy being developed for the built environment is suitable for incorporation into the Challenge framework



Next steps

- Cabinet will decide in late August on NSC 11
- If approved
 - Workshop to identify key research questions
 - RFP to research community
 - Who will do the work
 - How will they be organised and managed
 - What will they deliver
 - When will they deliver



Thank You

