

New Zealand's Biological Heritage National Science Challenge

Key messages – why get involved with the BioH Challenge

Why get involved with the Challenge? (individual level)

Increase impact for NZ – mission-led research – it can be a more compelling story together than separately

Make use of Investment Prospectus – when bidding into funding rounds i.e. take advantage of Challenge 'umbrella' to help identify research gaps

Partnership with Māori – Challenge values underpin everything that we do – building capacity and capability to work in a Treaty-based partnership

Be part of a collaboration, and build collaborative capacity – with particular appeal of cross-institutional teams of scientists, stakeholders and Māori working together to achieve collective impact

Increase science impact – through high-impact publications, workshops and wānanga

Increase the profile of your work – through the Challenge website, social media and other avenues

Integration – across disciplines and sectors (whole-of-system approaches)

Resolve tricky issues that individual researchers may not be able to deal with – e.g. data stewardship, IP issues

Access to databases and infrastructure in other organisations – ability to conduct fundamental research in addition to mission-led

Incentivising investment in science – supporting Challenge efforts to influence extra investment in research & innovation whether from government or private sectors

Funding – via the Challenge envelope or through Challenge efforts to secure extra investment

Why get involved with the Challenge? (institutional level)

Opportunity to create impact – my organisation is seen as a leader in areas of national importance

Partnership with Māori to support Vision Mātauranga, Mātauranga Māori, and kaupapa Māori research – strong links to and/or potential to work in partnership with, Māori researchers and communities

High quality research & leadership – strategic direction of the Challenge supported by a strong team at both governance and leadership levels

Media exposure – my organisation is included in media and communications through the Challenge (and vice-versa); if leading Challenge investments, possibility for project to be 'pin-up project' is an exciting prospect

Challenge support team – professional and efficient (e.g., contracting, communications, meeting support etc)

Research excellence – funding opportunities (directly via the Challenge envelope, or indirectly), high-impact publications, student (and sometimes postdoc) projects funded which boosts organisational reputation

Strengthening relationships across sectors – multiple organisations working together to deliver collective impact; improved opportunities to engage with end-users

Interdisciplinary research – encouraging researchers to collaborate in new areas, providing leadership opportunities and collaborative capacity

Public engagement – the NZ public included in the science process with outcomes delivered in a manner understandable to all; encourages and creates opportunities for citizen scientists; ultimately increases public interest in scientific research

Stable research investment – involvement in a long-term stable research investment with opportunity for strategic positioning for longer-term funding aligned with the Challenge

Knowledge exchange – supports capacity and capability building (i.e. sharing ideas, but perhaps also accessing infrastructure, datasets, expertise)

Incentivising investment in research, innovation & knowledge generation – supporting Challenge efforts to influence extra investment in research & innovation whether from government or private sectors