**Expression of Interest (EOI)**

For the 2021 Building Research Levy Prospectus.

EOI’s must be submitted by **5pm on 12 August 2021** to [researchinvestment@branz.org.nz](mailto:researchinvestment@branz.org.nz)

**Summary**

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| --- | --- |
| Research project title |  |
| Lead organisation |  |
| Organisation key contact (if not lead researcher) | Name:  Contact details: |
| Lead researcher | Name:  Contact details: |
| Key researchers | Name(s) and organisation(s): |
| Proposed start date |  |
| Proposed duration |  |
| Building Research Levy sought | $ (GST excl.) |

**Theme (select questions applicable to your proposal)**

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| **Theme one: Construction and demolition waste – towards a zero-carbon circular economy**  The quantities of material usage and waste in the sector to help understand associated greenhouse implications:  Question 1.1: This proposal can help us understand some or all of the following:  1.1.1. Composition and quantities of materials used in construction (non-residential and residential)  1.1.2. Composition and quantities (e.g. mass) of construction waste, including packaging, and its end-of-life routes  1.1.3. Numbers of buildings being demolished by typology and the composition and quantities (e.g. mass) of demolition waste and end-of-life routes.  Question 1.2: Improved recycling, reuse and recovery of waste construction materials. This proposal contains practical solutions that help reduce greenhouse gas emissions, and considers:   * what can be done to improve recycling, recovery and re-use of material from manufacturing to construction and demolition and the scale of the opportunity; and * what changes, if any, are required to demonstrate compliance or provide assurance that recycled, recovered or reused materials comply with relevant regulations; and * whether solutions developed overseas can be adapted to New Zealand.   **Theme two: Reducing greenhouse gas emissions in our building stock now and into the future**  This proposal can help identify effective ways to reduce greenhouse gas emissions from existing New Zealand buildings over the remainder of their life cycle:  Question 2.1: What is being done in other countries to reduce greenhouse gas emissions in existing buildings that may be relevant to New Zealand, including:   * what solutions have been used and shown to reduce greenhouse gas emissions (including but not limited to materials, products and processes, policies and associated programmes, approaches to demonstrating compliance); and * what has not been effective and why; and * what solutions could be cost-effectively applied in New Zealand now or in the immediate future, considering New Zealand’s construction approach, regulatory environment and expected future changes to New Zealand’s climate.   Question 2.2: What resources currently exist in New Zealand to design low-carbon buildings, what changes would make them easier to use in the design, construction and demonstration of compliance?  **Theme three: Reducing greenhouse gas emissions in cities, towns and neighbourhoods**  This proposal can help identify cost-effective ways to support well-functioning urban environments that lead to reductions in greenhouse gas emissions:  Question 3.1: What evidence exists internationally on the potential benefits of neighbourhood to city-scale planning to reduce greenhouse gas emissions? Proposals should identify examples or case studies of successful implementation. |

**Research summary**

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| **Research question:** How will you address the research question selected above? (Maximum 500 words) |
| **Research impact:** Please outline what impact your research will have; what difference will it make and who will benefit? (Maximum 500 words) |
| **Research team:** Who is involved and what will their involvement be? |
| **Other stakeholders and partners you anticipate working with**: Who, and what will their involvement be? |
| **How have your stakeholders contributed to the development of this idea**? |

**Linkages**

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| Does this proposal link into or depend on other project work currently being undertaken or scheduled to be undertaken by your organisation or others?  Yes  No  If Yes, please provide a brief description: |

**Budget summary (please use GST excl)**

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| --- | --- |
| Total budget estimate |  |
| Building Research Levy sought |  |
| Other sources of funding:  Please outline:   * source * cash or in kind * secured or anticipated |  |
| Will the research proceed if funds are not provided by BRANZ? | Yes  No |

**Conflict of interest**

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| --- | --- |
| A conflict of interest occurs when a person has multiple interests, one of which will or might impact the motivation for an act in another.  **Do you or anyone associated with your proposal have any actual or potential conflicts of interest?**  Yes (outline below)  No  **If yes, please set out the nature of the conflict(s)and a detailed plan on how you will manage them.** For guidance on what constitutes a conflict please refer to any legislation or policy relevant to your organisation. The Institute of Directors also provides guidance on what constitutes a conflict, refer <https://www.iod.org.nz/Governance-Resources/Publications/Practice-guides/Conflicts-of-Interest-Practice-Guide> **)** | |
| **Nature of the conflict of interest (actual or potential)** | **Mitigation plan for managing the conflict** |
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**Future contact**

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| Are you happy for the email supplied to be added to our contact list for further BRANZ Levy investment and/or potential funding communications?  Yes  No |

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| **I have read, understood and accept the terms and conditions for this Prospectus.**  Signature:  Name and Position:  Date: |

Please note:

1. The criteria section in the Prospectus document.
2. Do not include any supporting documentation with this EOI form.
3. Student applications should be directed through the separate BRANZ scholarship process, [www.branz.co.nz/investing-research/building-research-scholarships](http://www.branz.co.nz/investing-research/building-research-scholarships)