

Endeavour Fund Impact Scoring Grid

1 For each criterion, select a score ranging from 1 (*low quality*) to 7 (*high quality*) from the scoring grid that best matches your assessment **AND** how well the proposal would deliver on the:

- > Government's investment goals,
- > Endeavour Fund's General and Specific Policy Objectives, and
- > if relevant, the Vision Mātauranga policy.

2 Remember:

- > Only assess the information **presented** in the proposal.
- > Exercise your knowledge, judgement and expertise to reach clear and soundly based assessments that are fair, objective and evidence-based.

3

Record your scores in MBIE's IMS portal and comment on why you selected that score. Your comments should also identify strengths along with the specific reasons for any deficiencies particularly if you are recording a score of 4 or less.

Refer to the [2018 Endeavour Fund Assessment Guidelines](#) for more information.

BENEFIT TO NEW ZEALAND

Weighting: 25%

Research should have direct and indirect benefits or effect on individuals, communities or society as a whole, including broad benefits to New Zealand's economic, social, human or natural capital. Assessment must have particular regard to:

- a. the credibility of the need for scale and extent of potential benefits from the proposed research, science or technology or related activities; and
- b. the relevance and additional value they deliver to New Zealand.

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| <p>1 <i>(Low quality)</i></p> <p>Implausible Negligible Not credible Not present Not relevant Unlikely Unreliable Very poor</p> | <p>Credibility, scale and extent of benefits:</p> <ul style="list-style-type: none"> > Potential direct benefits are negligible and/or not credible and unlikely to be widely distributed or of no specific impact to more than one area of strategic importance. > They may have negligible impacts upon a large sector or upon a sector with negligible potential for growth. <p>Relevance and additional value:</p> <ul style="list-style-type: none"> > Not relevant and of negligible potential significance to one or more areas of strategic importance to New Zealand. > Negligible indirect and additional value in areas aligned with one or more future directions of investment. > The estimates of benefits, including the links to stakeholders, next users, end users and beneficiaries able to achieve uptake, are not credible or not explained. <p>if emerging or new sector (see page 20 of the Assessment Guidelines):</p> <ul style="list-style-type: none"> > A new untapped opportunity of strategic importance for New Zealand has not been identified. > The future vision for this sector is not credible, given the inherent uncertainties in new and emerging opportunities. > How the research will empower and catalyse this growing sector is very poorly described. <p>if Vision Mātauranga is relevant:</p> <ul style="list-style-type: none"> > The benefits of the research have no relevance to Māori. > There is no clarity as to whether any economic and/or social and/or environmental benefits will be realised by any Māori interests or if Māori contributions to the science are identified and valued > No or negligible new knowledge or intellectual property for Māori. | <p>5</p> <p>Appropriate Credible Good confidence Large Relevant Significant Sizable Substantial Well explained</p> | <p>Credibility, scale and extent of benefits:</p> <ul style="list-style-type: none"> > Potential direct benefits are large, numerous, of high value, and may be widely distributed or of specific impact to more than one areas of strategic importance. > They may have significant impacts upon a large sector or upon a sector with marked potential for growth <p>Relevance and additional value:</p> <ul style="list-style-type: none"> > Relevant and substantial potential significance to one or more areas of strategic importance to New Zealand. > Substantial indirect and additional value in areas aligned with one or more future directions of investment. > The estimates of benefits, including the links to stakeholders, next users, end users and beneficiaries able to achieve uptake, are credible and well explained. <p>if emerging or new sector (see page 20 of the Assessment Guidelines):</p> <ul style="list-style-type: none"> > A sizable new untapped opportunity of strategic importance for New Zealand has been identified. > The future vision for this sector is credible, given the inherent uncertainties in new and emerging opportunities. > How the research will empower and catalyse this growing sector is well described. <p>if Vision Mātauranga is relevant:</p> <ul style="list-style-type: none"> > The benefits of the research are relevant to Māori, achieving large, significant, or specific economic and/or social and/or environmental benefits. > Māori contributions are valued and are central to the delivery of benefits. > Significant new knowledge or intellectual property for Māori. |
| <p>2</p> <p>Insufficient Little Minor Narrow Not significant Poor Unconvincing Unsatisfactory Very limited Very low</p> | <p>Credibility, scale and extent of benefits:</p> <ul style="list-style-type: none"> > Potential direct benefits are very low, and may be narrowly distributed or of very limited specific impact to more than one area of strategic importance. > They may have very limited impacts upon a large sector or upon a sector with unconvincing potential for growth. <p>Relevance and additional value:</p> <ul style="list-style-type: none"> > Very limited relevance and little significance to one or more areas of strategic importance to New Zealand. > Poor indirect and additional value in areas aligned with one or more future directions of investment. > The estimates of benefits, including the links to stakeholders, next users, end users and beneficiaries able to achieve uptake, are insufficiently credible and poorly explained. <p>if emerging or new sector (see page 20 of the Assessment Guidelines):</p> <ul style="list-style-type: none"> > A new untapped opportunity of strategic importance for New Zealand has been insufficiently identified. > The future vision for this sector is unconvincing, given the inherent uncertainties in new and emerging opportunities. > How the research will empower and catalyse this growing sector is poorly described. <p>if Vision Mātauranga is relevant:</p> <ul style="list-style-type: none"> > The benefits of the research have little relevance to Māori. > There is very limited clarity as to whether if any economic and/or social and/or environmental benefits will be realised by any Māori interests or if Māori contributions to the science are identified and valued > Very limited new knowledge or intellectual property for Māori. | <p>6</p> <p>Comprehensive Credible Entirely Extensive High confidence Relevant Very large Very substantial Well</p> | <p>Credibility, scale and extent of benefits:</p> <ul style="list-style-type: none"> > Potential direct benefits are of very large, substantial, of high value, and may be very widely distributed or of specific impact to many areas of strategic importance. > They may have very substantial impacts able to be delivered for a large sector or a sector with marked extensive potential for growth. <p>Relevance and additional value:</p> <ul style="list-style-type: none"> > Very relevant and very substantial potential significance to one or more areas of strategic importance to New Zealand. > Very substantial indirect and additional value in areas aligned with one or more future directions of investment. > The estimates of benefits, including the links to stakeholders, next users, end users and beneficiaries able to achieve uptake, are very credible and very well explained. <p>if emerging or new sector (see page 20 of the Assessment Guidelines):</p> <ul style="list-style-type: none"> > A very large new untapped opportunity of strategic importance for New Zealand has been identified. > The future vision for this sector is very credible, given the inherent uncertainties in new and emerging opportunities. > How the research will empower and catalyse this growing sector is very well described. <p>if Vision Mātauranga is relevant:</p> <ul style="list-style-type: none"> > The benefits of the research are very relevant to Māori, achieving very large, very significant, or specific and highly valued economic and/or social and/or environmental benefits. > Māori contributions are strongly valued and are very central to the delivery of benefits. > Very substantial new knowledge or intellectual property for Māori. |
| <p>3</p> <p>Limited Low Partially Some</p> | <p>Credibility, scale and extent of benefit:</p> <ul style="list-style-type: none"> > Potential direct benefits are low, and may not be widely distributed or of limited specific impact to more than one area of strategic importance. > They may have some impacts upon a large sector or upon a sector with limited potential for growth. <p>Relevance and additional value:</p> <ul style="list-style-type: none"> > Some relevance and limited significance to one or more areas of strategic importance to New Zealand. > Low indirect and additional value in areas aligned with one or more future directions of investment. > The estimates of benefits, including the links to stakeholders, next users, end users and beneficiaries able to achieve uptake, are limited in their credibility and not well explained. <p>if emerging or new sector (see page 20 of the Assessment Guidelines):</p> <ul style="list-style-type: none"> > A limited new untapped opportunity of strategic importance for New Zealand has been identified. > The future vision for this sector is limited, given the inherent uncertainties in new and emerging opportunities. > How the research will empower and catalyse this growing sector is not well described. <p>if Vision Mātauranga is relevant:</p> <ul style="list-style-type: none"> > The benefits of the research have low to moderate relevance to Māori. > There is limited clarity as to whether any economic and/or social and/or environmental benefits will be realised by any Māori interests or if Māori contributions to the science are identified and valued. > Limited new knowledge or intellectual property for Māori. | <p>7 <i>(High quality)</i></p> <p>Completely Comprehensive Exemplary Extremely relevant Extremely significant Highly credible Highly relevant Impressive Outstanding Total confidence Very large Very well</p> | <p>Credibility, scale and extent of benefits:</p> <ul style="list-style-type: none"> > Potential direct benefits are extremely relevant, very high in number, of extremely high value, and comprehensively distributed or of specific impact to all areas of strategic importance. > They may have extremely significant impacts upon a large sector or upon a sector with impressive potential for growth. <p>Relevance and additional value:</p> <ul style="list-style-type: none"> > Complete relevance and extremely substantial potential significance to one or more areas of strategic importance to New Zealand. > Extremely significant indirect and additional value in areas aligned with one or more future directions of investment. > The estimates of benefits, including the links to stakeholders, next users, end users and beneficiaries able to achieve uptake, are highly credible and extremely well explained. <p>if emerging or new sector (see page 20 of the Assessment Guidelines):</p> <ul style="list-style-type: none"> > A new and outstanding untapped opportunity of strategic importance for New Zealand has been identified. > The future vision for this sector is extremely credible, given the inherent uncertainties in new and emerging opportunities. > How the research will empower and catalyse this growing sector is extremely well described. <p>if Vision Mātauranga is relevant:</p> <ul style="list-style-type: none"> > The benefits of the research are extremely relevant to Māori, achieving outstanding, impressive, or specific and extremely valuable economic and/or social and/or environmental benefits. > Māori contributions are fully valued and are completely included in the delivery of benefits > Very large new knowledge or intellectual property for Māori. |
| <p>4</p> <p>Moderate Modest Reasonable Some</p> | <p>Credibility, scale and extent of benefits:</p> <ul style="list-style-type: none"> > Some direct benefits are of moderate value, and may be reasonably distributed or of some specific impact to more than one area of strategic importance. > They may have some impacts upon a large sector or upon a sector with modest potential for growth. <p>Relevance and additional value:</p> <ul style="list-style-type: none"> > Moderately relevant and some potential significance to one or more areas of strategic importance to New Zealand. > Modest indirect and additional value in areas aligned with one or more future directions of investment. > The estimates of benefits, including the links to stakeholders, next users, end users and beneficiaries able to achieve uptake, are moderately credible and well explained. <p>if emerging or new sector (see page 20 of the Assessment Guidelines):</p> <ul style="list-style-type: none"> > A moderate new untapped opportunity of strategic importance for New Zealand has been identified. > The future vision for this sector is reasonable, given the inherent uncertainties in new and emerging opportunities. > How the research will empower and catalyse this growing sector is moderately well described. <p>if Vision Mātauranga is relevant:</p> <ul style="list-style-type: none"> > The benefits of the research are moderately relevant to Māori, achieving some, reasonable, or modest economic and/or social and/or environmental benefits. > Māori contributions are valued to some degree and have some involvement in the delivery of benefits. > Some new knowledge or intellectual property for Māori. | <p>7 <i>(High quality)</i></p> <p>Completely Comprehensive Exemplary Extremely relevant Extremely significant Highly credible Highly relevant Impressive Outstanding Total confidence Very large Very well</p> | <p>Credibility, scale and extent of benefits:</p> <ul style="list-style-type: none"> > Potential direct benefits are extremely relevant, very high in number, of extremely high value, and comprehensively distributed or of specific impact to all areas of strategic importance. > They may have extremely significant impacts upon a large sector or upon a sector with impressive potential for growth. <p>Relevance and additional value:</p> <ul style="list-style-type: none"> > Complete relevance and extremely substantial potential significance to one or more areas of strategic importance to New Zealand. > Extremely significant indirect and additional value in areas aligned with one or more future directions of investment. > The estimates of benefits, including the links to stakeholders, next users, end users and beneficiaries able to achieve uptake, are highly credible and extremely well explained. <p>if emerging or new sector (see page 20 of the Assessment Guidelines):</p> <ul style="list-style-type: none"> > A new and outstanding untapped opportunity of strategic importance for New Zealand has been identified. > The future vision for this sector is extremely credible, given the inherent uncertainties in new and emerging opportunities. > How the research will empower and catalyse this growing sector is extremely well described. <p>if Vision Mātauranga is relevant:</p> <ul style="list-style-type: none"> > The benefits of the research are extremely relevant to Māori, achieving outstanding, impressive, or specific and extremely valuable economic and/or social and/or environmental benefits. > Māori contributions are fully valued and are completely included in the delivery of benefits > Very large new knowledge or intellectual property for Māori. |

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Record your scores in MBIE's IMS portal and comment on why you selected that score. Your comments should also identify strengths along with the specific reasons for any deficiencies particularly if you are recording a score of 4 or less.

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IMPLEMENTATION PATHWAY(S)

Smart Ideas

Weighting: 10%

The credibility of indicative implementation pathway(s) to deliver public benefit to New Zealand, not limited to a single firm or end-user, and which may be uncertain in nature.

Research Programmes

Weighting: 25%

The credibility of indicative implementation pathway(s) to deliver public benefits to New Zealand, not limited to a single firm or end-user, and the strength of relationships with relevant end users, beneficiaries, or stakeholders.

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| <p>1 <i>(Low quality)</i></p> <p>Implausible Negligible Not credible Not present Not relevant Unlikely Unreliable Very poor</p> | <p>Implementation pathways:</p> <ul style="list-style-type: none"> > No credible implementation pathways. > No supporting impact plan. <p>Strength of relationships: <i>for Research Programmes only.</i> Proposed impact relationships are not relevant and/or not credible.</p> <p>if emerging or new sector (see page 20 of the Assessment Guidelines):</p> <ul style="list-style-type: none"> > Implausible in proportion to the development state of the science or sector. > Types of potential end or next users rather than existing are negligibly described. > A potential pathway to capturing benefit for New Zealand is not present. <p>if Vision Mātauranga is relevant:</p> <ul style="list-style-type: none"> > No credible engagement with Māori. > Vision Mātauranga is not present. | <p>5</p> <p>Appropriate Credible Good confidence Large Relevant Significant Sizable Substantial Well explained</p> | <p>Implementation pathways:</p> <ul style="list-style-type: none"> > Credible, fit for purpose. > Indicative supporting information is satisfactory in scope and competence. <p>Strength of relationships: <i>for Research Programmes only.</i> Proposed impact relationships:</p> <ul style="list-style-type: none"> > are wholly relevant, and > give good confidence that commitments based on those relationships will be realised. <p>if emerging or new sector (see page 20 of the Assessment Guidelines):</p> <ul style="list-style-type: none"> > Appropriately detailed and in proportion to the development state of the science and sector. > Types of potential end or next users rather than existing are well described. > A potential pathway to capturing benefit for New Zealand is credible. <p>if Vision Mātauranga is relevant:</p> <ul style="list-style-type: none"> > Informed by comprehensive engagement with key Māori stakeholders who are participating in, and contributing to, the research and co-development of the proposal > Distinct risks and sensitivities are well mapped and managed. > The role of tikanga (customs and traditions) Māori has been identified. > Credible IP agreements are in place and respond to identified indigenous knowledge management requirements. |
| <p>2</p> <p>Insufficient Little Minor Narrow Not significant Poor Unconvincing Unsatisfactory Very limited Very low</p> | <p>Implementation pathways:</p> <ul style="list-style-type: none"> > Are of poor credibility. > The supporting information is very limited and largely unsatisfactory. <p>Strength of relationships: <i>for Research Programmes only.</i> Proposed impact relationships:</p> <ul style="list-style-type: none"> > are not particularly relevant, and > give very little confidence that commitments based on those relationships will be realised. <p>if emerging or new sector (see page 20 of the Assessment Guidelines):</p> <ul style="list-style-type: none"> > Insufficiently detailed in proportion to the development state of the science or sector. > Types of potential end or next users rather than existing are poorly described. > A potential pathway to capturing benefit for New Zealand is unconvincing. <p>if Vision Mātauranga is relevant:</p> <ul style="list-style-type: none"> > Very limited, insufficient arrangements for engagement with Māori stakeholders. | <p>6</p> <p>Comprehensive Credible Entirely Extensive High confidence Relevant Very large Very substantial Well</p> | <p>Implementation pathways:</p> <ul style="list-style-type: none"> > A high standard, very credible and fit for purpose. > The supporting information is credible in scope and competence. <p>Strength of relationships: <i>for Research Programmes only.</i> Proposed impact relationships:</p> <ul style="list-style-type: none"> > are entirely relevant, > are of a high standard, and > give full confidence that commitments based on those relationships will be realised. <p>if emerging or new sector (see page 20 of the Assessment Guidelines):</p> <ul style="list-style-type: none"> > Well detailed in proportion to the state of development of the science or sector. > Types of potential end or next users rather than existing are extensively described. > A potential pathway to capturing benefit for New Zealand engenders high confidence. <p>if Vision Mātauranga is relevant:</p> <ul style="list-style-type: none"> > Informed by very credible engagement with diverse Māori stakeholders which results in meaningful Māori participation in, and contributions to, the research and co-development of the proposal. > Distinct risks and sensitivities are effectively mapped and managed. > Appropriate tikanga (customs and traditions) has been identified and responsibilities allocated. > IP agreements align strongly to indigenous best practice knowledge management. |
| <p>3</p> <p>Limited Low Partially Some</p> | <p>Implementation pathways:</p> <ul style="list-style-type: none"> > Are of limited credibility. > The supporting information is limited and not very convincing. <p>Strength of relationships: <i>for Research Programmes only.</i> Proposed impact relationships:</p> <ul style="list-style-type: none"> > are not convincingly relevant, and > give little confidence that commitments based on those relationships will be realised. <p>if emerging or new sector (see page 20 of the Assessment Guidelines):</p> <ul style="list-style-type: none"> > Limited in proportion to the development state of the science or sector. > Types of potential end or next users rather than existing are partially described. > A potential pathway to capturing benefit for New Zealand is limited. <p>if Vision Mātauranga is relevant:</p> <ul style="list-style-type: none"> > Some significant gaps in arrangements for engagement with and responding to Māori stakeholders. > The Vision Mātauranga related aspects of the pathway appear somewhat inadequate. | <p>7 <i>(High quality)</i></p> <p>Completely Comprehensive Exemplary Extremely relevant Extremely significant Highly credible Highly relevant Impressive Outstanding Total confidence Very large Very well</p> | <p>Implementation pathways:</p> <ul style="list-style-type: none"> > Of an extremely high standard, completely credible, and fit for purpose. > The supporting information is exemplary in scope and competence. <p>Strength of relationships: <i>for Research Programmes only.</i> Proposed impact relationships:</p> <ul style="list-style-type: none"> > are extremely relevant, and > are of the highest standard, giving total confidence that commitments based on those relationships will be realised at an exceptional level. <p>if emerging or new sector (see page 20 of the Assessment Guidelines):</p> <ul style="list-style-type: none"> > Comprehensively detailed and in proportion to the science or sector's state of development. > Potential end or next user types are completely described. > A highly credible pathway to capturing benefit for New Zealand. <p>if Vision Mātauranga is relevant:</p> <ul style="list-style-type: none"> > Informed by exemplary engagement with diverse Māori stakeholders which optimises significant and meaningful Māori participation in, and contributions to, the research and co-development of the proposal. > Distinct risks and sensitivities are well mapped and managed. > Appropriate tikanga (customs and traditions) has been identified and responsibilities allocated. > Exemplary IP agreements modelling international indigenous best practice knowledge management are in place. |
| <p>4</p> <p>Moderate Modest Reasonable Some</p> | <p>Implementation pathways:</p> <ul style="list-style-type: none"> > Partly credible. > Has gaps in the supporting information that leave key questions unanswered. <p>Strength of relationships: <i>for Research Programmes only.</i> Proposed impact relationships:</p> <ul style="list-style-type: none"> > are largely relevant, and > give reasonable confidence that commitments based on those relationships will be realised, at least in part. <p>if emerging or new sector (see page 20 of the Assessment Guidelines):</p> <ul style="list-style-type: none"> > Moderately described in proportion to the development state of the science or sector. > Types of potential end or next users rather than existing are moderately described. > A potential pathway to capturing benefit for New Zealand is reasonable. <p>if Vision Mātauranga is relevant:</p> <ul style="list-style-type: none"> > Satisfactory arrangements for engagement with obvious Māori stakeholders. > Some distinct risk and sensitivity management is in place. > Satisfactory Māori participation in research is evident. > Obviously relevant tikanga (customs and traditions) Māori has been satisfactorily gauged and described. > The IP agreements in place response to any indigenous knowledge management issues/requirements if raised. | | |