# Title & Summary

|  |  |
| --- | --- |
| **Name and ref no. of Problem Statement** |  |
| **Title of proposed research project** |  |
| **Brief summary of the proposed research** |  |
| **Brief summary of iconic literature on the topic**  **Full references can be listed in the References section below** |  |

# Proposed Hypothesis and/or Research Question

Please insert any proposed changes to the Hypothesis and/or Research Question in the originating Problem Statement, including a clear rationale (maximum 1 page)

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| **For explanatory research,** please describe a clear hypothesis with variables for testing  **For exploratory research,** please state how the proposed research question, may contribute to future explanatory research |  |

# Proposed Research Plan

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| --- | --- | --- | --- |
| **Proposed method**  **Outline methods for data access, collection, analysis, reporting etc.** |  | | |
| **Research impact** |  | | |
| **External driver of change analysis**  **Outline how the research will better position TfNSW to respond proactively to macro drivers of change that will impact on the organisation and/or customers.** |  | | |
| **Final Report** | **A Final Report is required for all research projects conducted in collaboration with TfNSW (e.g. Introduction, Literature Review, Method, Results, Conclusions, Outcomes, Recommendations). Please indicate a proposed date for submission of this Final Report.** | **Month** | **Year** |
|  |  |
| **Open access**  **TfNSW** supports open access to research it commissions or supports. Please indicate how this will be achieved, or what requirements may be required from TfNSW for this purpose. |  | | |
| **Other dissemination**  **Please provide other anticipated methods for communicating the research outcomes/ findings (e.g. conference presentations, journal articles, technical reports)** |  | | |

# Strategic Alignment

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| **Strategic alignment**  **Please select the Strategic Research Direction/s that is most strongly aligned with the proposed research** | **Future Mobility** | ☐ | **Future Transport Workforce** | ☐ |
| **Safety and Security** | ☐ | **Successful Places** | ☐ |
| **Sustainability** | ☐ | **Technological Drivers of Change** | ☐ |
| **Valuing Wider Benefits** | ☐ | **Other comments:** | |

# Level of Collaboration & Resource Requirements

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| **Level of collaboration**  **Please select the level of collaboration required to complete the proposed research** | **1. “Quick-Fire” Research**  Intense bursts of research activity (e.g. under 8 weeks). Intended to make use of “hackathon” type environments, where students/researchers work collaboratively and intensely on particular problems involving data interrogation and visualisation.) | ☐ | **2. Undergraduate Final-Year Research**  Suitable for final-year undergraduate students (e.g. capstone, Honours) as part of the research requirements for their undergraduate degree (i.e. 1 to 2 semesters). | ☐ |
| **3. Higher Degree Research**  Project may form whole or part of a postgraduate research degree (i.e. Masters, PhD), and contribute to new knowledge (i.e. 1 to 3 years). | ☐ | **4. Major Collaborations and Funded Research**  Project may form the basis for a significant collaboration agreement between TfNSW and the relevant research institution, including major competitive grant funding (e.g. Australian Research Council funding with TfNSW as an industry partner). | ☐ |
| **Additional comments:** | | | |
| **Resource contributions & requirements**  **Please outline your resource contributions and requirements from TfNSW** |  | | | |
| 1. **Data requirements** |  | | | |
| 1. **Subject matter expertise** |  | | | |
| 1. **Other in-kind contributions** |  | | | |
| **Grant funding**  **Funding required and/or available to conduct the research** |  | | | |
| **Readiness / Timeframe**  **Proposed dates for commencement and completion** |  | | | |

# Investigators & Institutions

Please insert details of all investigators and institutions interested in this Problem Statement (insert additional boxes as required)

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| --- | --- | --- | --- | --- | --- |
| **Lead Investigator** | | | | | |
| **Full name** |  | | | **Title** |  |
| **Position** |  | | | | |
| **Department/Faculty** |  | | | | |
| **Division/Branch** |  | | | | |
| **Phone** |  | **Email** |  | | |
| **Website** |  | | | | |

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| **Associate Investigator (if applicable)** | | | | | |
| **Full name** |  | | | **Title** |  |
| **Position** |  | | | | |
| **Department/Faculty** |  | | | | |
| **Division/Branch** |  | | | | |
| **Phone** |  | **Email** |  | | |
| **Website** |  | | | | |

# For Office Use Only

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| --- | --- | --- | --- |
| **Date received** |  | | |
| **Relevant RCOP** |  | | |
| **Date of RCOP review** |  | | |
| **Outcome of RCOP review** |  | | |
| **Approved by:** | **Name** | **Position/Division/Agency** | **Date** |
| **Research Hub** |  |  |  |
| RCOP Chair |  |  |  |