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| Project Information | |
| Title | Enter proposal title |
| Authors | Enter author(s) name(s) |
| University/Organisation | Enter author organisation |
| Date | Enter submission date |
| For office use only | Ref. TPTXXX-first author’s surname-1.0 |

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| Q1 - Technical background & overview |
| Briefly describe the research context in which the technology is being developed, including prior and current research activity.  Briefly outline the technology, including its current level of development.  Outline the challenges to further development. |

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| Q1a - Historic supporting partners |
| List academic, RTO or industrial partners that have supported the technology to date, together with their support (in-kind, letters of support, funding etc.)   |  |  | | --- | --- | | Name / Company | Support received | |  |  | |  |  | |  |  | |

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| Q1b - Background IP and known freedom to operate |
| Disclose known the known background IP.  Background IP can include patent rights, design rights, utility models, rights in computer software, database rights, moral rights, copyright, rights in inventions, rights in know-how, confidential information and trade secrets and unfair competition rights.  If patents are pending / granted, explicitly state application numbers, status, etc. |

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| Q1c - TRL assessment |
| Perform a [fair assessment](https://en.wikipedia.org/wiki/Technology_readiness_level) supported by evidence, and prediction, using these reference descriptions. TPT projects should start at TRL3+.  TRL 1 – basic principles observed, TRL 2 – technology concept formulated, TRL 3 – experimental proof of concept, TRL 4 – technology validated in lab, TRL 5 – technology validated in relevant environment, TRL 6 – technology demonstrated in relevant environment, TRL 7 – system prototype demonstration in operational environment, TRL 8 – system complete and qualified, TRL 9 – actual system proven in operational environment   |  |  |  |  | | --- | --- | --- | --- | | Current TRL | Enter current TRL. | Predicted TRL | Enter predicted TRL. | | Justify current TRL. | | Justify predicted TRL. | | |

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| Q2 - Industrial applications and benefits |
| Briefly describe the industrial applications and benefits that would be unlocked by the technology. |

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| Q3 - Proposal objectives |
| List the issues holding back the technology at present.  Determine the objectives within the scope of this proposal that will address these issues.  Propose how the NCC’s expertise and capabilities (as known by the proposer) might contribute towards the objectives. Mention contacts known at the NCC by the proposer. |

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| Q3a - Research activities proposed |
| List the main anticipated activities to be conducted within 12 months. Further detail produced later in stage 2 of application.   |  |  |  | | --- | --- | --- | | Activity | Expected deliverables | Major Risks | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |