**ECO4 Application Form: Alternative Methodology v1.0**

**Applications will not progress unless sufficient evidence is provided, and the application is considered complete. The following points are intended as a guide:**

* Questions should be read in conjunction with the ECO4 Guidance: New Measures and Products. Key paragraphs are referenced in the explanatory notes.
* All questions should be answered, using the word count as an indication of the level of detail required.
* Requirements outlined in explanatory notes and relevant sections of the ECO4 Guidance: New Measures and Products should be fully addressed.
* Additional evidence and supporting documents should be provided for certain questions as indicated in explanatory notes.
* Attachments should be concise and contain relevant information only. Where this is not possible, the relevant information within a document should be clearly stated.
* Additional evidence and supporting documents must be either embedded in the application form, or provided in a single zip folder, with individual files clearly named.

**Completing this application form**

The applicant must state whether they are applying for a Standard Alternative Methodology (SAM), a Data Light Measure (DLM) or DHC Alternative Methodology.

In order to reduce duplication of information, we recommend that applicants read the entire application form before beginning to answer questions.

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| **Supplier Declaration** |
| The supplier declaration must be signed by an employee with sufficient authority[[1]](#footnote-2) of the supplier submitting the application.  The supplier is responsible for ensuring accurate and consistent information. If issues arise that raise doubts around the accuracy of the evidence and information provided, this will be investigated, and the application may be rejected. Any fraudulent activity may also be reported to law enforcement agencies. |
| I confirm that:   1. To the best of my knowledge and belief, all relevant information is included in this application and the information is true and accurate. 2. If approved, measures delivered under this application will be delivered to ECO4 eligible households. 3. If approved, measures delivered under this application will fall under the DLM cap.[[2]](#footnote-3) 4. If approved, measures delivered under this application will be delivered in accordance with Building Regulations and all other relevant standards as mandated by the ECO4 Order and/or the TrustMark framework or equivalent. |
| Name:  Signed:  Date: |

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| 1. ***Supplier name*** |
| What is the name of the ECO obligated supplier submitting the application? |
| Response |

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| 1. ***What route does the application relate to?*** |
| Standard Alternative Methodology  DHC Alternative Methodology  Data Light Measure |

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| 1. ***Is there any history related to the measure in this application?*** |
| If the measure has been accepted under other domestic or foreign schemes, or has previously received government funding, please provide details. |
| Response |

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| 1. ***Is this application a re-submission of a previously rejected application?*** |
| Yes No  If yes, please provide a summary below of the new information has been included. |
| Response |

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| 1. ***Is there an existing DLM?*** |
| Yes  No  If yes, please provide a summary below of new evidence that has been included. |
| Response |

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| 1. ***Eligibility requirements*** |
| If the technology is not captured by an existing standard ECO4 measure type (other than DHC) a supplier can apply for a new measure type and partial project score. The technology must be able to demonstrate a space heat saving.  Why is an existing measure type and partial project score not appropriate for the technology?  See paragraphs 3.23 - 3.29 for further information on this question. |
| Response |
| **Please confirm:** |
| Technology is capable of resulting in a reduction in the cost of heating domestic premises.  Technology is not partly or wholly fuelled by biofuel, coal, oil, or liquefied petroleum gas (LPG).  Technology is not wholly fuelled by other fossil fuels.  No existing standard ECO4 measure type **or** ☐ Application is for a DHC measure. |

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| 1. ***Measure type description*** |
| Provide a general description of the measure type with factual reference to the technology’s characteristics and functionality. An application cannot be reserved for a specific named product. Statements regarding the technologies functionality and performance should be backed-up by evidence.  See paragraphs 3.30 - 3.32 for further information on this question. |
| Response |
| **EVIDENCE:** Mandatory  **Word count:** 300 |
| State evidence filename(s) and reference relevant page number(s) |

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| 1. ***Space heating cost saving mechanism*** |
| The technology must be able to demonstrate a space heat saving when heating domestic premises to 21 degrees Celsius in the main living areas and 18 degrees Celsius in all other areas. Provide a detailed description of how the technology results in a space heating cost saving. The explanation should be clear to follow for a non-specialist and sufficiently detailed.  See paragraphs 3.33 - 3.35 for further information on this question. |
| Response |
| **EVIDENCE:** Recommended  **Word count:** 300 |
| State evidence filename(s) and reference relevant page number(s) |

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| 1. ***Cost saving calculation methodology*** |
| Is the technology recognised in SAP Appendix Q? |
| **Yes** (complete section 9a.)  **No** (complete section 9b.)   1. If the technology is recognised in SAP Appendix Q, provide a link the relevant Appendix Q worksheet.   See paragraphs 3.36 – 3.43 for further information on this question. |
| Response |

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| 1. Propose a methodology to calculate an annual heating cost saving for a typical property with reference to a given floor area (m2) and starting intermediate SAP band. Please include the source of all figures and any assumptions made in the calculation. |
| Response |

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| Is the application for a DHC measure? |
| **Yes** (complete 9c. and 9d.)  **No** (skip 9c.) |
| 1. Propose a methodology to calculate an annual heating cost saving for a typical property with reference to a given floor area (m2) and starting intermediate SAP band. Please include the source of all figures and any assumptions made in the calculation. 2. Explain why the existing PPS and SAP are not appropriate for the technology. Provide information on the level of improvement, regarding the existing cost savings modelled by SAP. |
| Response |

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| 1. ***Evidence to support cost savings*** |
| Provide a summary and attach the evidence to support the cost saving calculation methodology. Evidence is needed to support all elements of the proposed cost-saving methodology.   1. For a SAM application, we expect the supporting evidence to be of a similar level as is required for SAP Appendix Q.   See paragraphs 3.44 - 3.51 for further information on this question. |
| Response |
| **EVIDENCE:** Mandatory  **Word count:** 400 |
| State evidence filename(s) and reference relevant page number(s) |

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| 1. For DLM, the level of evidence required to support the cost savings is expected to be less extensive than for the Standard Alternative Methodology route. |
| Response |
| **EVIDENCE:** Mandatory  **Word count:** 400 |
| State evidence filename(s) and reference relevant page number(s) |

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| 1. ***Measure lifetime*** |
| State the expected lifetime of the measure. This must be provided to benchmark appropriate guarantee requirements. Evidence must be provided to support the lifetime.  See paragraphs 3.52 - 3.53 for further information on this question. |
| Response |
| **EVIDENCE:** Mandatory  **Word count:** 300 |
| State evidence filename(s) and reference relevant page number(s) |

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| 1. ***Appropriate installation standards*** |
| 1. Measures must be installed in accordance with an appropriate standard to ensure safety and efficacy of the measure. Indicate below the standard to which the measure will be installed. Please note the “other standard” route is only applicable for DLM applications.   See paragraphs 3.54 – 3.58 for further information on this question. |
| PAS 2030:2019 – State annex:  MCS – State MIS:  Heat Trust:  Other standard certified by an organisation accredited to ISO 17065– state standard and provide an explanation of how it ensures the safety and efficacy of the measure on its installation: |
| **EVIDENCE:** Mandatory  **Word count:** 50 |
| State evidence filename(s) and reference relevant page number(s) |

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| 1. If “other standard” please demonstrate the following criteria:  * The certifying organisation is accredited to ISO 17065 * Building Regulation compliance * Installation and maintenance instructions to ensure safety and efficacy * Performance expectations – how performance changes over time * Financial protection mechanisms – warranty and guarantee availability |
| Response |
| **EVIDENCE:** Mandatory  **Word count:** 400 |
| State evidence filename(s) and reference relevant page number(s) |

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| 1. ***TrustMark suitability*** |
| * 1. Please confirm whether the measure can be delivered under the TrustMark framework. |
| All ECO4 measures (except DHC, other than DHCs that use a shared ground loop) must be installed by, or under the responsibility of, a person who is registered with TrustMark for the purposes of that measure; and lodged with TrustMark, unless equivalence can be demonstrated.  Applicants should consider:   * Installation standards * TrustMark approved insurance backed guarantees * Quality Assurance * Compliance with Building Regulations   See paragraphs 3.58 – 3.63 for further information on this question. |
| Yes, the measure can be delivered in accordance with TrustMark’s framework operating requirements.  No – the application is in relation to a DHC measure (other than one that uses a shared ground loop).  No – please state below equivalent arrangements for quality assurance and consumer protection including installation standards and arrangements for repairs and other remedies which are equivalent to requirements under Trustmark. |
| Response |
| **EVIDENCE:** Mandatory  **Word count:** 300 |
| State evidence filename(s) and reference relevant page number(s) |
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| 1. ***Projected delivery*** |
| For AM applications, provide the approximate number of measures expected to be delivered and the timelines for installations if the application is approved.  See paragraphs 3.64 – 3.65 for further information on this question. |
| Response |
| **EVIDENCE:** Optional  **Word count:** 100 |
| State evidence filename(s) and reference relevant page number(s) |

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| 1. ***TrustMark Quality Assurance and Score Monitoring*** |
| Do existing quality assurance and score monitoring requirements apply to the measure? If applicable, suggest new quality assurance and score monitoring questions.  See paragraphs 3.66 – 3.70 for further information on this question. |
| Response |
| **EVIDENCE:** Recommended  **Word count:** 300 |
| State evidence filename(s) and reference relevant page number(s) |

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| 1. ***Smart Technologies*** |
| Smart technologies are those that can communicate in real time to respond to price signals and provide flexibility to the energy system to balance grid supply or demand through the ability to increase, decrease or shift in time, the consumption or generation of energy.  Smart technologies under ECO4 should outline how they demonstrate the following additional criteria:   * The measure can be combined with a time-of-use tariff and will be used with a functioning electricity smart meter. * The measure is smart enabled, ie it can respond in real time to communication signals to alter the rate or time of electricity flowing through the measure to provide demand side response services. At least one user interface is made available to the user. * The measure can be installed with sufficient energy storage, and in a way that means the heating system will operate flexibly. Storage can take several forms including the heat stored in the fabric of the building, hot water storage, electric battery storage and heat batteries. * The measure is safe and secure, referencing relevant standards and codes. As smart technologies are likely to be internet connectable, applicants should include relevant cyber security standards and codes.   See paragraphs 3.71 – 3.73 for further information on this question. |
| Response |
| **EVIDENCE:** Mandatory  **Word count:** 300 |
| State evidence filename(s) and reference relevant page number(s) |

1. This may be an employee with decision making authority in regard to the supplier supporting applications, or an employee determined according to a supplier’s relevant internal procedure [↑](#footnote-ref-2)
2. Please see Appendix 5 of the ECO4 Guidance: Delivery for further information on the DLM cap. [↑](#footnote-ref-3)