ECO3: Application for Demonstration Actions

| **Name of sponsoring supplier** |
| --- |
|  |
| **Name of application** |
|  |
| **Please provide a brief description of the measure in no more than 50 words** |
|  |

**Applications will not progress to the TAP until 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 ECO3 Guidance: Innovation.[[1]](#footnote-2) 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 ECO3 Guidance: Innovation should be fully addressed.
* Additional evidence and supporting documents should only be provided for certain questions as indicated in explanatory notes
* Additional evidence and supporting documents must be either embedded in the application form, or provided in a single document. The document must reference the relevant questions, and be structured to match the order of questions

|  |
| --- |
| **1. Applicant consent** |
| Can you confirm that the applicant consents to the publication of information, other than personal data, provided by the participant to the Administrator in relation to the promotion, monitoring and assessment of the measure?  The person signing this form is consenting to the publication etc. referred to in the previous column and therefore must have relevant authority to sign on behalf of the applicant (supplier). |
| **Name:**  **Signed:**  **Date:** |
| **2. Can you confirm that the measures are eligible as a Demonstration Action?** |
| Answer YES or NO against each option in the response box.  DO NOT describe here how the measure is materially different. See question 6.  Chapter 3 of the ECO3 Guidance: Innovation. |
| **Supplier Response:**  1. Generation of Heat, Partly or wholly fuelled from oil **YES NO**  2. Generation of Heat, Wholly fuelled from a non-renewable source **YES NO**  3. Repair of existing measure **YES NO**  4. At Technology Readiness Level (TRL 8 or 9) **YES NO**  5. Materially different to those delivered under previous ECO scheme **YES NO**  6. Materially different to those measures notified under ECO3 **YES NO** |
| **3. Is the measure partly fuelled by renewables?** |
| If yes, please provide information on the following:   * Fuel type. * How the renewable fuel source is an essential element of the measure. * The proportion of heat fuelled by renewables.   **Maximum 100 words.**  Paragraph 3.11 to 3.14 of the ECO3 Guidance: Innovation. |
| **Supplier response:** |
| **4. What evidence is there to confirm that the technology is at TRL8 or TRL9?** |
| Evidence must be provided to demonstrate that the product / system has been fully tested and proven to work (TRL8), or has been deployed in the market and proven in an operational environment (TRL9).  This can include, but is not limited to, independent laboratory test reports, field test results, sales figures, and grant aided project milestones.  **Supporting evidence/information required.**  **Maximum 150 words.**  Paragraphs 3.31 to 3.35 of the ECO3 Guidance: Innovation. |
| **Supplier response:** |
| **5. Is there any other history related to the measure in this application, or relevant facts that we should be aware of?** |
| If the measure has been accepted under other domestic or foreign schemes, or has previously received government funding, please provide details.  **Maximum 150 words.** |
| **Supplier response:** |
| **6. How is the measure 'materially different’ to those previously delivered under ECO?** |
| Demonstrate how the measure differs to those already delivered under ECO. This could be all of, or a combination of the following:   * The materials and technology used. * The method used, including production and installation methods. * The expected cost of promoting the measure. * The expected cost savings or other benefits of the measure.   Where possible, provide direct comparisons with current measures of the same measure type.  Please provide technical details and evidence to quantify any assertions where applicable.  **Supporting evidence / information accepted.**  **Maximum 500 words.**  Paragraphs 3.17 to 3.30 of the ECO3 Guidance: Innovation. |
| **Supplier response:** |
| **7. Are there any other benefits of the measure not listed above?** |
| This question is optional.  **Maximum 200 words.**  Paragraph 3.20(g) of the ECO3 Guidance: Innovation. |
| **Supplier response:** |
| **8. How is the measure able to achieve or reasonably expected to achieve heating cost savings in a domestic property?** |
| Please provide a description of the physical mechanism by which cost savings can be achieved.  For measures where the mechanism by which savings are achieved is innovative, a detailed explanation and supporting evidence should be provided. Please ensure the explanation is clear and sufficiently detailed for a non-specialist, as this is crucial in understanding how the measure is reasonably expected to provide cost savings, and that these savings occur without reducing the internal temperature.  **Supporting evidence / information accepted.**  **Maximum 500 words.** |
| **Supplier response:** |
| **9. What is the estimated heating cost saving the measure can provide?** |
| Please provide:   * The estimated average heating cost saving as a percentage, and * An explanation of how the average cost saving figure was determined, including any calculations, assumptions, and supporting evidence.   **Supporting evidence / information required, and should be of a scientific standard.**  **Maximum 500 words.**  Paragraphs 3.36 to 3.46 of the ECO3 Guidance: Innovation. |
| **Supplier response:** |
| **10. What are the arrangements for monitoring the effectiveness of the measure and collecting data for cost savings?** |
| An explanation of the performance monitoring / testing methodology is required, so that the panel can consider its suitability. Please provide information on:   * What will be monitored, and how. * What variables will be considered and how any external bias will be accounted for. * How a suitable baseline will be established, and performance compared.   **Supporting evidence / information accepted.**  **Maximum 1000 words.**  Paragraphs 3.47 to 3.49, and 7.3 to 7.10 of the ECO3 Guidance: Innovation. |
| **Supplier response:** |
| **11. What are the credentials of the independent laboratory, test house or research author to be used for monitoring or analysis in the Demonstration Action?** |
| Please provide details and evidence to demonstrate the credentials.  **Supporting evidence / information required.**  **Maximum 100 words.** |
| **Supplier response:** |
| **12. What is the number of domestic premises at which the measures will be installed, and how has this number been determined?** |
| Please include information on the following:   * How the sample size was determined and why it is appropriate. * The risk of drop-outs or data fails and how this will be mitigated. * How the sample of measures being monitored is representative of the wider population.   **Supporting evidence / information accepted.**  **Maximum 200 words.**  Paragraph 7.11 to 7.13 of the ECO3 Guidance: Innovation. |
| **Supplier response:** |
| **13. What is the expected timeframe for the project?** |
| Please include the entire timeline, from recruitment through to notification, and an explanation as to why it is appropriate.  **Supporting information in the form of a Gantt Chart required.**  **Maximum 200 words.**  Paragraph 7.14 of the ECO3 Guidance: Innovation. |
| **Supplier response:** |
| **14. What is the estimated cost (in £) of the demonstration action?** |
| Please provide a comprehensive breakdown of all relevant costs.  Each cost should be supplemented with a short explanation describing how the cost has been determined, and why other options with different costs have not been used.  **Supporting evidence / information required.**  **Maximum 400 words.**  Paragraphs 3.50 to 3.56 of the ECO3 Guidance: Innovation. |
| **Supplier response:** |
| **15. What are the arrangements for Technical and Score Monitoring for the measure?** |
| The following should be included in the response:   * The standard Technical Monitoring (TM) and Score Monitoring (SM) questions which are appropriate for the measure * Any additional TM or SM questions required * Explanation as to why the selected TM and SM questions are appropriate * The proportion of properties that will be monitored * The identity and credentials of the party carrying out the TM and SM   **Supporting evidence / information accepted.**  **Maximum 300 words.**  Paragraphs 7.27 to 7.32 of the ECO3 Guidance: Innovation. |
| **Supplier response:** |
| **16.**  **How does the measure meet safety and standards requirements?** |
| The following should be included in the response:   * What are the relevant requirements, and how does the measure meet them? * What certification does the measure have and / or what assurances can be given? * What standards will the measure be installed to?   If it is not economically or technically feasible to meet the normal safety and standards requirements of ECO3, an explanation and evidence must be provided.  **Supporting evidence / information required.**  **Maximum 200 words.**  Paragraphs 8.1 to 8.12 of the ECO3 Guidance: Innovation. |
| **Supplier response:** |
| **17. What standards and safety provisions are in place for installation of the monitoring equipment?** |
| **Supporting evidence / information accepted.**  **Maximum 100 words.**  Paragraph 8.1, and 8.11 of the ECO3 Guidance: Innovation. |
| **Supplier response:** |
| **18. What are the risks associated with the measure, and how will these be mitigated?** |
| Provide further detail against the relevant points below.   1. Have you considered possible risks introduced by this measure, and how these will be mitigated? Please provide a description. 2. If the measure mitigates any existing risks, explain how.   **Maximum 200 words.**  Paragraph 8.27 to 8.31 of the ECO3 Guidance: Innovation. |
| **Supplier response:** |
| **19. What aftercare arrangements are in place?** |
| Measures installed as part of a demonstration action must not have a detrimental effect on the householder or their property. The following should be included in the response:   * Arrangements for dealing with faulty installations and redressing any damage to properties * Details of guarantees / warranties * Information and documentation to be provided to the householder * Servicing arrangements and parts availability * Removal of performance monitoring equipment and the measure if requested at the end of the project   **Supporting evidence/information accepted.**  **Maximum 300 words.**  Paragraphs 8.13 to 8.17 of the ECO3 Guidance: Innovation. |
| **Supplier response:** |
| **20. Can you confirm that the measures will be delivered to eligible households?** |
| **Answer YES or NO**  Paragraphs 3.1, and 3.7 to 3.10 of the ECO3 Guidance: Innovation. |
| **YES NO** |
| **21. Can you confirm that measures delivered under this application, if approved, would fall within the supplier's Demonstration Action sub-cap?** |
| **Answer YES or NO**  Chapter 2 of the ECO3 Guidance: Innovation. |
| **YES NO** |
| **22. Applicant declaration** |
| **I declare that, to the best of my knowledge and belief, all information contained in this application is true and accurate.** |
| **Name:**  **Signed:**  **Date:** |

1. <https://www.ofgem.gov.uk/publications-and-updates/eco3-innovation> [↑](#footnote-ref-2)