Guidance for UK eco innovation applications

**1. APPLICANT CONTACTS**

Name and address and contact person of the applicant

**2. TESTING METHODOLOGY (SHORT DESCRIPTION)**

Description of the testing methodology.

**3. SUMMARY OF THE APPLICATION**

Summary of the application for publication on the VCA website. The summary should not contain any confidential information.

A template for the summary of the application is available below

**4. LIST OF SUPPORTING DOCUMENTATION**

List of documents.

**5. TECHNICAL DESCRIPTION OF THE TECHNOLOGY**

Technical description of the eco-innovation and the way it is fitted on a vehicle described in writing and, when appropriate, by technical drawings.

**6. INNOVATIVENESS**

Demonstration that the proposed technology is innovative.

**7. VEHICLES DEPLOYMENT PREDICTION**

Prediction on which types/categories of vehicles the eco-innovation will be applied (estimate only).

**8. MARKET PENETRATION PREDICTION**

Expected number of vehicles per vehicle type/categories equipped with the particular eco-innovation

coming to the market with expected timescale (estimate only).

**9. DEFINITION OF THE BASELINE TECHNOLOGY**

Proposal and technical description for the baseline technology.

**10. EVALUATION OF NEGATIVE EFFECTS**

Description of the technology characteristics that could cause increased CO2 emission (e.g. higher mass, higher drag resistance).

**11. DETERIORATION EFFECTS**

When relevant, experimental analyses or sound argumentation of deterioration effects.

**12. TESTING METHODOLOGY**

Description of the testing methodology.

Identification of the uncertainties and description of the methodology to quantify the statistical uncertainties.

**13. DESCRIPTION OF THE CASE STUDY**

Description of the case study.

**14. APPLICATION OF THE TESTING METHODOLOGY**

Application of the testing methodology for the case study and calculation of the corresponding resulting CO2 savings.

**15. QUANTIFICATION OF THE UNCERTAINTIES**

Application of uncertainty analysis and quantification of statistical uncertainties.

**16. CHECK IF ALL ELIGIBILITY CRITERIA**

Check if all eligibility criteria specified in Article 2 and Article 4(2)(e), (f) and (g) of Regulation No 725/2011 and No 427/20147; reasons and evidential data have to be provided for each of them:

1. Non-exceeding requirements in (UK) law

2. Innovativeness of technology

3. Necessity of technology (non-comfort)

4. Verifiability of CO2 saving (minimum threshold)

5. Coverage (type approval procedure)

6. Accountability (influence of driver)

**17. VERIFICATION REPORT**

Verification report(s) from an independent certification body, including:

Testing protocols of all relevant measurements

Check of fulfilment of the eligibility criteria.

Check of possible deterioration effects

Check of suitability of the testing methodology for determining the CO2 savings from the eco-innovation (for new testing methodologies only)

# Template for the summary description of the Application

**TITLE OF THE INNOVATIVE TECHNOLOGY**

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**CONTACT DETAILS**

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| --- | --- |
| Applicants name: |  |

**SUMMARY**

Brief description of the innovative technology and its potential CO2 savings:

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**INNOVATIVENESS**

Market penetration of the new technology based on the reference year 4 years prior to the year of application:

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**NECESSITY**

Information whether the innovative technology is intrinsic to the efficient operation in terms of performance and/or safety of the vehicle:

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**TESTING METHODOLOGY**

Description of the testing methodology or reference to an existing methodology:

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This Eco Innovation application has also been submitted to the EU Yes No (please delete as applicable)

One completed, please send this form to: fleetaverage@vca.gov.uk

Privacy Information

The personal information you have provided in this form has been provided to allow VCA to process your application. Details of how this data will be handled, stored and used can be found in our Privacy Policy: <https://www.vehicle-certification-agency.gov.uk/privacy-policy/> If you are not completing this form electronically and would like us to send you a hard copy of the Notice, then please contact the Data Protection Manager, VCA, 1 The Eastgate Office Centre, Eastgate Road, Bristol BS5 6XX and we will be pleased to send you a copy.