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 CO_2 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 CO_2 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 427/2014[7]; 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 CO_2 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

CONTACT DETAILS

Applicants name:	

SUMMARY

Brief description of the innovative technology and its potential CO_2 savings:

INNOVATIVENESS

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

NECESSITY

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

TESTING METHODOLOGY

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

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