## Project Authorization Board ELLA

NON-TECHNICAL PROJECT SUMMARY – Questions in excel form

You may write your answers at first here and copy them to excel. Please read also **the guidance****:** [NTS guidance document endorsement](https://ec.europa.eu/environment/chemicals/lab_animals/pdf/NTS%20guidance%20document%20endorsement.pdf)

## **Purpose(s) of the project**

Purpose is chosen from the drop-down menu. You can add several purposes.

## **Objectives and predicted benefits of the project**

Objectives of the project

*Maximum length is 2 500 characters.*

*Describe the objectives of the project for example, addressing certain scientific unknowns, or scientific or clinical needs.*

Potential benefits likely to derive from this project

*Maximum length is 2 500 characters.*

*What are the potential benefits likely to derive from this project? Explain how science could be advanced, or humans, animals or environment may ultimately benefit from the project. Where applicable, differentiate between short-term benefits (within the duration of the project) and long-term benefits (which may accrue after the project is finished.)*

## **Predicted harms**

In what procedures will the animals typically be used

*Maximum length is 2 500 characters.*

*In what procedures will the animals typically be used for example, injections, surgical procedures? Indicate the number and duration of these procedures.*

Expected impacts/adverse effects on the animals

*Maximum length is 2 500 characters.*

*What are the expected impacts/adverse effects on the animals, for example pain, weight loss, inactivity/reduced mobility, stress, abnormal behavior, and the duration of those effects?*

**Expected harms – fill the table**

*What species and numbers of animals are expected to be used? What are the expected severities and the numbers of animals in each severity category per species?*

**Fate of animals kept alive – fill the table. If all animals will be killed, table is not filled.**

*Please fill-in “Fate of animals kept alive” sheet if applicable.*

*What will happen to the animals kept alive at the end of the procedure?*

Reasons for the planned fate of the animals after the procedure

*Maximum length is 2 500 characters.*

*Please provide reasons for the planned fate of the animals after the procedure, also when animals are being killed.*

## **Application of the Three Rs**

### **Replacement**

*Maximum length is 2 500 characters.*

*State which non-animal alternatives are available in this field and why they cannot be used for the purposes of the project.*

###  **Reduction**

*Maximum length is 2 500 characters.*

*Explain how the numbers of animals for this project were determined. Describe steps that have been taken to reduce the number of animals to be used, and principles used to design studies. Where applicable, describe practices that will be used throughout the project to minimize the number of animals used consistent with scientific objectives. Those practices may include e.g., pilot studies, computer modelling, sharing of tissue and reuse.*

###  **Refinement**

*Maximum length is 2 500 characters.*

*Give examples of the specific measures (e.g., increased monitoring, post-operative care, pain management, training of animals) to be taken, in relation to the procedures, to minimize welfare costs (harms) to the animals. Describe the mechanisms to take up emerging refinement techniques during the lifetime of the project.*

## **Project selected for Retrospective Assessment – ELLA decision**