



## ESMERA Evaluation Guidelines from Phase I to Phase II

This document explains the evaluation process of ESMERA-FOCE experiments. The evaluation of the experiments will be held at the end of Phase I (January 15<sup>th</sup>, 2020 for all experiments except Agriculture experiments which will be evaluated on July 1<sup>st</sup>, 2020). The evaluation of the experiments for ESMERA-FOCE has three steps:

### Step 1: Report from the responsible Competence Centre

- It is assumed that all experiments will have submitted their deliverables to the responsible Competence Centre on the predefined timeline.
- At the end of Phase I, experimenters will prepare the proof of concept demonstration and present it to the responsible Competence Centre. During this demonstration the recording of the mandatory video that will be reviewed by the external experts will be recorded in the presence of the CC representative. This is to ensure that all recorded data represent the actual state and performance of the developments.
  - Note: The CC and the experiment teams have to set a date for a physical meeting for the demonstration and recording of the video. The deadline for having the video available for evaluation is the 15<sup>th</sup> of January 2020 for all experiments except Agriculture experiments which will be evaluated on July 1<sup>st</sup>, 2020.
- The responsible Competence Centre compiles a report about the progress of each experiment which includes timing, monitoring of the experiments and checkpoints.
- The output of this report defines if the experiment is eligible to be evaluated or not (i.e. has fulfilled or prerequisites according to the contract).

### Step 2: Report from the responsible the Challenge Provider

The public deliverables of each experiment will be submitted for review to the relevant Challenge Providers against the following criteria.

- Adherence to the requirements
- Cost/profit rate
- Benefits/ Drawbacks

Challenge providers will provide a short feedback report which will also be communicated to the external reviewers. It should be noted that challenge providers do not act directly as evaluators for the advancement of the experiments to Phase II. They only provide their industrial view, to be considered by the external evaluators.

### Step 3: Evaluation report by two external and independent evaluators

All experiments are evaluated by two external and independent evaluators. All deliverables, reports from the responsible Competence Centre (Step 1) and the report from the Challenge Provider (Step 2) are submitted to the external evaluators who perform the evaluation considering the following criteria:

- Technical/Research Excellence (35%)
- Impact (35%)
- Implementation (30%)

At the end of the remote evaluation period, there will be a two-days panel meeting. The Panel meeting will be organized at the last week of February (24-28/2) in Paris. Agenda for the meeting and information about the location will be circulated in due course.

The representatives from the experiments will have the opportunity to present their projects on the first day of the meeting, allowing reviewers to ask questions and clarify open points with the experiment.

Moreover, the Challenge Providers may also attend the meeting to share their opinions about the experiment and their suitability with respect to the challenges.

On the second day, all evaluators will further review the fit with the expected contributions, impact and feasibility of advancing to Phase II, finalizing the evaluation results of the experiments.