In order to further promote the implementation of Directive 2010/63/EU, the European Commission issued calls for a number of related projects last year. One of these projects is aimed at facilitating the uptake of non-animal alternatives by developing two e-learning modules. The contract for this project was awarded to a consortium consisting of SYRCLE, the Swiss 3R Competence Centre, Institute for In Vitro Sciences, Pharma Launchers and Ecorys UK. This consortium will develop two modules, i.e., one e-learning module focused on searching for existing non-animal alternatives (including systematic reviews) and one module targeted at researchers who want to develop reliable and relevant non-animal alternatives for regulatory use taking into account Good In Vitro Method Practices (GIVIMP). The quality of the developed modules will be assessed by external review groups. The learning outcomes will be presented to the commission along with the design of the assignments through which these outcomes will be realised.

Project Tasks

**Task 1 – Module Content**
- Proposal set of LOs (externally reviewed)
- Outline of material content

**Task 2 – Technical Design of Interactive Learning Modules**
- Description of didactic approach (how)
- Proposal for technical solutions
- Prototype example module

**Task 3 – Production of the Modules**
- 1st version final modules
- Accompanying module notes

**Task 4 – Testing and Finalization of the Modules**
- Pilot trials
- Revision
- Final Modules/notes (End 2020)

**Example: Building Content for a Learning Outcome**

**NOTE:** The following serves as an example of an approach to content creation based on a LO and has not been approved by the commission.

Excerpt of LO 2.1.2: Identify the EU Directives, regulations and guidance documents which require the use of alternatives to animal testing within the different regulated sectors (e.g., pharmaceuticals, cosmetics, paint protection products, industrial chemicals, mixtures, etc.).

**Sources:**
- EU Cosmetics Regulation 1223/2009 (etc.)
- Further: Cosmetics: The European directive on cosmetics has established a ban on animal testing for finished cosmetic products since 2004, as well as a ban on animal testing for cosmetics ingredients since 2009, and a marketing ban of cosmetics (finished or containing ingredients) tested on animals since 2013.

**Actions:**
- For the EU level, an accordion format is proposed whereby for each sector, an explanation and examples are given such the REACH integrated testing strategies, as well as the links to the source materials.