



## «Innovation in education and the dairy industry »

### Intellectual Output 1

(Summary)

#### *Training needs analysis*

The main aim of **IO1** (*Training needs analysis*) was to evaluate the training needs in Dairy Science in the Food Science/Technology Study Programmes in European Higher Education Organizations of the countries participating.

To achieve this, in a first place, a curriculum assessment with the specific training needs (skills/competences) on dairy science was carried out by the partners. There were some differences identified among the universities in the depth of knowledge, credits and competences dedicated to dairy science or innovative dairy science.

Among those offering a FS/FST degree, less than 10% of the total ECTS are focused on dairy science (just around 1% could be considered innovative dairy science). At a second stage, IO1 developed online questionnaires addressed to students, tutors and dairy industry in English, Italian, Greek, Polish and Spanish. The Questionnaires were disseminated in the five countries participating in order to assess a wider audience opinion on the training needs on Dairy Science Education. A total of 650 questionnaires were collected (66% from students/graduates, 22.3% from academic staff and 11.6% from food business operators).

In relation to the results of IO1, some priority topics to be included in the material to be developed are: *dairy products quality control, safety and risk assessment, novel technologies, dairy products processing and cheese processing*.

The topic **novel technology** is the only one which is recurrently considered as a high priority topic but it less covered in the curriculums available. Based on both curriculum assessments by Universities and questionnaire from students, professors and food business operators, the **InnoDairyEdu** team prepared an innovative dairy science education curriculum that will be developed in detail (*theoretical and practical part*) under Intellectual **Output 2**.

*For more information or expression of interest to participate as an associated partner, you could contact the coordinator Dr Eleni Malissiova at [malissiova@teilar.gr](mailto:malissiova@teilar.gr)*

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