

Inclusive REskilling and upSkilling Toward competitive Agrifood and veterinary sector: European agenda Strategy

Deliverable 3.1 “Update of database and platform”	
Document description	The existing database of the Erasmus+ Blueprint FIELDS project is updated registering inputs from I-RESTART partners on curricula available, best practices, relevant projects and examples of policies and initiatives taking place regionally, nationally and at EU level
Partner responsible	FDE
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**F: final; D: draft; RD: revised draft*



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1. Task description

This deliverable 3.1 “Update of database and platform” belongs to Task 3.1 “State of the Art and the Pact for Skills” (M1-M9). The aim of this task is to collect the information about the state of the art from all partners of the I-RESTART, which participated and provided information related to their domain of experience and knowledge, in the form of curricula available, best practices, relevant projects (European, national and regional level) as well as concrete examples of policies and initiatives also at different levels of application.

A specific form was developed to collect the information about the training available. UNITO facilitated the implemented platform developed at the FIELDS database, storing relevant information in a way that showed the contributions of the I-RESTART project.

Partners contributed to this task by providing detailed insights from their specialisation angle – as specified in the Grant Agreement:

- Food industry and processing: FDE, COPA-COGECA, EIT FOOD, ISEKI, SCOOP, ANIA, FIAB, SEVT, LVA, INFOR, FEDER, CTAEX, UNITE.
- Digital technologies, e-commerce, export, online marketing and logistics: UNITO, CONFAGRI, FDE, EIT FOOD. UHOH, AARHUS, OC, GZS, UNITE.
- Animal production: WUR, AERES, UNITE, CLITRAVI, COPA-COGECA.
- Veterinary activities: EBVS, UMU, AERES.
- Advanced entrepreneurial skills: EIT FOOD, AARHUS, UNITO, CONFAGRI.

EfVET, AKMI and ACEEU also contributed in a search of available frameworks, action plans, materials, studies (ESCO, EQAVET, PanoramaSkills, etc) and how to link them with the project.

This task was led by FoodDrinkEurope (FDE) with relevant support from the Work Package leader ISEKI Food association (IFA) and the contributions from all partners of the consortium.

2. Summary

This document summarises the activity towards the collection of data and how the databases were structured. I-RESTART used the platform framework of the Erasmus+ Blueprint project FIELDS, which had already developed a database with the same objectives of data collection as the project I-RESTART. Some modifications were required to separate the inputs. The rationale behind this decision was due to the equal structure needed for the data collection, but the different nature of the partners and data collection required. Thus, FIELDS collected data mostly on agriculture, food industry and forestry sectors, with a strong focus on bioeconomy, sustainability and digitalisation fields; I-RESTART collected data from the animal production, veterinary and food industry sectors with a strong focus in further fields. Here the fields covered:

- Digitalisation
- Sustainability and bioeconomy
- Business and entrepreneurship

- Soft skills
- One-health
- Sector specific emerging trends

Below the main databases used with the respective links:

Databases	I-RESTART contribution	Total database size (I-RESTART + FIELDS)
Curricula / Courses LINK	77	232
Projects LINK	52	82
Best practices LINK	34	48
Policies, regulatory frameworks LINK	34	180

3. The FIELDS/I-RESTART database

3.1. Introduction

The Erasmus+ Blueprint project FIELDS had already built a database structure in 2020. The University of Torino (UNITO), in conjunction with the EU umbrella organisations EfVET and LLL-P, created an online set of databases using the open-source platform Drupal. The databases were created in the FIELDS project management platform, also accessible from the public project website, and their use will be expanded up to 2030 thanks to the I-RESTART support. All partners of the FIELDS project contributed to this task by providing data on curricula available, best practices and projects, including EU funded projects, regional pilot projects and best practices carried in the sector as well as concrete examples of policies and initiatives at the national levels. The databases were structured in five domains: Organisations/Stakeholders, Curricula/courses, Best practices, Projects, and Policy and Advocacy.

3.2. Structure

The structure of the database is set in seven main fields:

1. Organisations/Stakeholders
2. Curricula/courses
3. Best practices
4. Projects
5. Policy and Advocacy
6. Regulatory framework
7. Funding opportunities

The following sections describe how those are organised – this information has been extracted and summarised from Task 1.1 - Deliverable 1.2 of the FIELDS project:

3.2.1. Organisations/Stakeholders database

The Organisations/Stakeholders database is to be considered as the root structure that contains the main information of the partners contributing. This database is needed to support the other domains.

There are **eight** areas to be mandatorily filled - as follows:

1. **Partner responsible:** the partner who upload the information, this field will not be visible on the webpage;
2. **Organisation Name:** the institution who manage, lead, organise or prepare the curricula/course/project/best practice;
3. **Organisation Short Name:** The acronym of the organisation name;
4. **Stakeholder type:** Identify what type of organisation/stakeholder: VET school, College, Research institute/centre, Mobility Agency, Other (to be specified). Insert the first 3 letters to show the available organisation and select one;
5. **Organisation description:** brief description of the Organisation (maximum 500 characters);
6. **Address:** Insert the address of the organisation (e. g. street, zip code and city);
7. **Country:** Indicate the country of the organisation;
8. **Website:** provide a link to the main website page of Organisation or the curricula/course/project/best practice;

The others three areas are not mandatory but provide useful information and an added value, such as:

9. **Contact person:** Insert the name and surname (or even the role) of the organisation contact person;
10. **Email:** insert the email of the contact person or of the Organisation;
11. **Comments:** Insert relevant information about the organisation.

3.2.2. Curricula-courses/Best practices/Projects database

The structure of these databases was similar within, thus the grouping to explain the structure.

There are **eight** common areas to be mandatory filled - as follows:

1. **Title:** Title of the curricula-course/best practices/project as indicated by the organisation;
2. **Partner: providing the information:** The partner who upload the information, this field will not be visible on the webpage;
3. **Name VET College/ Organisation:** <Autocomplete field> Insert the first 3 letters to autocomplete the field;
4. **Description:** Brief description of the curricula-course/best practices/project max 500 characters;
5. **Country:** Indicate the country of the curricula-course/best practices/project, select among the list;
6. **Keywords:** single or multi-selection in the existing menu list;
7. **Website:** Provide a link to the main website page of the curricula-course/best practice/project;
8. **Data:** provide the data of the last visit to the main page of the Organisation/ curricula/course/project/best practice.

Other areas which are specific for each database

For Curricula/courses database only:

9. **Language** in which the course is provided: for each training course identify the language in which the training is delivered;
10. **Course type:** Type educational/training. Provide the type of curricula/course (Bachelor, M.Sc., PhD, training etc.), select among the list, single or multi-selection;
11. **Professional Profile:** for each training course, identify the professional profile after completing the training. select among the list;
12. **Online:** Indicate Yes if the course is available online;
13. **Type of training:** For each one of the training listed on point above identify if it is initial or continuous training. An "initial training" is a training required prior to beginning a specific work, to start a specific career; a "continuous training" is the ongoing process of developing, maintaining and documenting your professional skills, through courses or training;
14. **Length:** for each course indicate its length in hours, days, weeks or years. **NOT MANDATORY**
15. **EQF level:** for each one of the courses identify the correspondent EQF level. **NOT MANDATORY**
16. **Credits:** number of credits obtained in each course. Alternatively, if this information is not available, please indicate the length of the course in hours. **NOT MANDATORY**
17. **Certification:** indicate what type of certification is awarded to trainees (if any);
18. **Relevance:** Insert A for high relevance, B for medium relevance, C for low relevance;
19. **Quality mechanisms in place:** quality mechanisms in place in line with the EQAVET framework. **NOT MANDATORY**

For Best practice database only:

9. **Document:** Upload any relevant document such as leaflet, brochure, presentation, etc, if any.

For Project database only:

9. **Project program:** Indicate what type of the project is (e.g. National, European, Horizon2020, Erasmus+, etc.), maximum 150 characters;
10. **Brochure:** Upload any relevant document such as leaflet, brochure, presentation, etc., if any.

3.2.3. Policy and advocacy stakeholder's database

The database is structured in three main fields:

- Members of the European Parliament and Members of Parliament (MEPs and MPs)
- Director General (DGs) and Ministries, including regional governments
- Permanent Representations at EU

There are 14 areas to be filled - as follows:

1. **Partner responsible:** the partner who upload the information, this field will not be visible on the webpage;
2. **Name and Surname:** The name and surname of the stakeholder contact person;
3. **Country:** Indicate the country of the stakeholder, select among the list;
4. **Relevance:** Select among the list the geographical relevance of the stakeholder
5. **Stakeholder type:** identify what type of organisation/stakeholder: VET school, College, Research institute/centre, Mobility Agency, Other (to be specified in the “Comment” box). Insert the first 3 letters to show the available organisation and select one;
6. **EU Level:** Select among the list (e.g. Member of European Parliament, Regional governments, Directorates-General, etc.);
7. **Political group:** Please indicate eventually the political party of the stakeholder contact person, if relevant (e.g. for MP and MEP);
8. **Topics:** Single or multi selection of the topics the stakeholder is working on;
9. **Email:** Insert the email of the stakeholder contact person
10. **Function:** e.g. Director, Head of Unit, Policy Officer, Speaker, Spoken-person, Rapporteur, etc;
11. **Participation in initiatives:** Please indicate if the stakeholder has been already involved in any initiative run by partner organisations (e.g., a MEP involved in a previous LLLP activity);
12. **Intergroups/Committees:** Some MPs and MEPs are involved in intergroups/committees (“Commission parlementaire” in French), please indicate if the stakeholder contact person is involved in one or more of them;
13. **Comments:** Any other relevant information you may provide regarding the stakeholder;
14. **GDPR:** Check the box if the information relies on GDPR rules. For more information visit the European regulation page <https://gdpr.eu>.

4. I-RESTART contribution to the database and future application

4.1. Modifications needed to accommodate I-RESTART data collection

The objectives of I-RESTART were different from FIELDS in the data collection. FIELDS performed a data collection mostly in agriculture but also on food industry and forestry with a strong focus on bioeconomy, sustainability and digitalisation; the project I-RESTART collected complementary data from the animal production, veterinary and food industry sectors with a strong focus in similar areas such as digitalisation but incorporated new areas of skills. Here the areas covered by this new data collection:

- Digitalisation
- Sustainability and bioeconomy
- Business and entrepreneurship
- Soft skills
- One-health
- Sector specific emerging trends

It was also necessary to accommodate different partners, which could provide completely different knowledge and insights in the databases.

The first exercise needed was to restructure the fields of research as set up in the tasks. This was done to have a higher clarity on the inputs of each partner and to alienate with other tasks of the project (e.g. T7.1 Analysis of skills gaps). Thus the areas were redistributed to account for the sectors: Food industry and processing, Animal production, and Veterinary activities. On top of this, the educational framework was placed separately:

- Food industry and processing: FDE, COPA-COGECA, EIT FOOD, ISEKI, SCOOP, ANIA, FIAB, SEVT, LVA, INFOR, FEDER, CTAEX, UNITE, GSZ, UNITO, CONFAGRI, UHOH, AARHUS, OC, GZS, UNITE.
- Animal production: WUR, AERES, UNITE, CLITRAVI, COPA-COGECA, CONFAGRI.
- Veterinary activities: EBVS, UMU, AERES.
- Educational Framework: EfVET, AKMI and ACEEU.

The next task aimed to separate the input already present in the database from FIELDS to the input that was newly introduced by I-RESTART partners. That was possible by introducing a tag that specified “YES” as I-RESTART input, and “NO” as FIELDS input.

4.2.I-RESTART Data collection

The input provided by partners was mostly based on their own knowledge and experience in their respective sectors. Although desk web research could have provided similar results, the resources would have been much higher, as much of the information collected does not have a common ground and there are no similar databases available for these sectors. Thus, there was novelty in these data collections, which had specific use for the following parts of the project.

The FIELDS/I-RESTART database should be a living activity that should allow for inputs all along the project live and beyond. However, an effort has been placed on feeding the database with information in the first 6 months of the I-RESTART project time. Partners of the I-RESTART consortium were requested to contribute with at least 5 references per database. This was achieved to some extent, achieving a good set of data from the qualitative and quantitative perspective.

Below is a summary of the achievement at the month 5 of the project (number of entries).

Databases	I-RESTART contribution	Total database size (I-RESTART + FIELDS)
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4.3. Use of the I-RESTART Data set

Particularly the databases will be further used in other Work Packages of the project: Focus groups (tasks 3.2 and 3.3), survey on skill needs (task 3.3) and scenario analysis (task 3.4); the geographical map database in task 5.4, curricula in training methodologies (task 4.1); curricula design (task 4.2) and training content (task 4.4, task 4.5); and the policies and initiatives database will prepare the ground for task 6.1 “local and national regulatory frameworks”. Best practices and relevant projects databases will help to map the existing upskilling and reskilling supports available in the sector and will provide a matchmaking exercise finding the skills not yet available in previous projects (Task 7.2) and WP6 (long-term action plan) and WP7 (strategic approach development), where knowledge is needed on how to structure the skills needs into actions in the Agri-Food Pact for Skills at EU level, or at national initiatives. It would be also relevant for WP9 to consider communication and dissemination activities.

In general, the databases offer knowledge, resources and network initiatives for a number of actors working in the agri-food field, including agriculture, animal production, veterinary, and food processing, at large, small and entrepreneurship scale, including different sub-sectors and countries.

- VET providers: certification, curricula, interest for collaboration, search for partners, language and place.
- VET stakeholders: Activities of interest, available content, resources.
- Stakeholders interested in the training: Available curricula, courses, resources.
- Stakeholders offering apprenticeship: Network, possible clients, relevant activities, content.
- Universities: Best practices, projects and their outputs, curricula, collaboration, network.
- National and EU frameworks and funding opportunities
- Ministries and public servants: Curricula, resources, collaboration, network.
- European Commission and EU agencies (e.g., Cedefop): Initiatives, activities, network.

4.4. Conclusion and next steps

The objective of implementing a larger database including the inputs of the I-RESTART partners in the animal production, veterinary and food industry sectors has been achieved. The database is public and accessible to a large number of actors that might benefit from the information collected and could, at the same time, play an active role proposing further inputs. The available databases are living documents and will be disseminated in the project social media channels to increase visibility. This information shall be critical for the next steps of the project, but also to the EU Agri-Food Pact for Skills and anyone interested or working in this field in the agri-food sector.



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