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Deliverable D2.4
EUFOOD-STA WEB PLATFORM

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Delivery date: M7, M10 update

<table>
<thead>
<tr>
<th>Dissemination Level</th>
<th>Description</th>
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<tr>
<td>PU</td>
<td>Public</td>
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<tr>
<td>PP</td>
<td>Restricted to other programme participants (including Commission services and projects reviewers)</td>
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<tr>
<td>CO</td>
<td>Confidential, only for members of the consortium (including EACEA and Commission services and projects reviewers)</td>
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Summary:
The document describes the structure, functionalities, tools and features of the EuFooD-STA web platform, implemented at the EuFooD-STA website ([www.food-sta.eu](http://www.food-sta.eu)) to ensure highest extend of accessibility of stakeholders (industry, research centres and students) to the EuFooD-STA Network.

The main features are:
- Continuous Needs Monitoring System
- Training platform with e-learning and digital library
- CPD platform
- Mobility and Job Database
- Database of innovative and successful collaboration between academia and food sector
- Database of experts and organisations
- Newsletter tool
- Massmail tool

Deliverable 2.4. will be updated in M35
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1 Introduction

The FooD-STA web platform will represent the digital frame for the FooD-STA centre and will be implemented in the project website www.food-sta.eu. This document describes all initially planned functionalities, tools and features of the platform to be implemented (and - by the time this document is published - also already partially implemented). The outputs and insights gained by all WPs (especially WP5 on Teaching tools and methods) will lead to further extension of the offered services through this web platform. Thus, the functionalities will be extended and further developed thought the whole duration of the project. This initial description of the web platform will be updated at the end of the project, giving a full overview of all implanted tools and functionalities.

2 Technical Implementation

The FooD-STA web platform is implemented on the project website, developed with drupal, as intranet with some features to be open for everyone, others only for users. Sections like the continuous needs monitoring tool (including the results of the developed questionnaire and all needs identified during the project through the local contact hubs and FooD-STA databases) will have limited access only for official partners of the project and members of the EuFooD-STA Network.

3 Overview of functionalities and tools

A login system with username, password and different “roles” (Chapter 4) will control the access to limited sections.

The initial structure of the FooD-STA web platform includes

- a continuous needs monitoring system
- Mobility and Job database
- Database of innovative and successful collaboration between academia and food sector
- Database of innovative teaching methods and tools
- Database of experts and organisations
- Training platform with e-learning tools and digital library
- CPD platform

Additionally, the web platform will include sections membership and the local hubs, also available in the regional language.

Further there will be additional functionalities like

- A newsletter system: users can subscribe/unsubscribe. This system will allow the administrators to send emails to subscribed persons. An archive of the produced newsletters will be accessible online.
4 Membership and Access application

Partners from Companies as well as the Educational Sector are invited to join the FooD-STA Network, support the activities and directly benefit from the developments. The Membership is free of charge. New members will not receive any EU-funding from the project. Due to the Erasmus+ funding rules, costs of additional partners cannot be covered.

Using an online registration form, stakeholders can apply for an account according to the following “roles”:

1) Project partners
2) Associated Project partners
3) FooD-STA member: Project and Associated Project partners are automatically members

Submissions will be evaluated by the Director and Deputy Director of the eFSC. In case of approval, the account of the new member will be activated by an administrator and the applicant will be automatically informed about acceptance or rejection.

An organigram of FooD-STA Center and local hubs will be implemented at the website, including description of benefits, rights and duties.

FooD-STA members have access to everything except materials restricted to project partners.

5 Continuous needs monitoring system

This is specified in D2.6.

6 Mobility and Job database

This database includes information about job offers and mobility options for exchange of students and staff between food industry and universities, e.g. internship, short term scientific missions. Only registered users (user and password) can fill in and submit the online templates. Alternatively word templates can be downloaded to be filled in and returned by email to secretary of eFSC.

There are 2 different types of databases:

(1) institutions offering jobs or exchange positions to students/staff
(2) people (students/staff) who are looking for jobs or exchange

Further links to existing mobility and job databases will be provided.
6.1 Institution database

The data can be viewed as list (open to the public) and each entry as table (also open to the public).

The fields of the list view is shown below. Each field can be sorted alphabetically. The data can also be filtered according to type of institution, food sector, mobility category, city, country and accepted language.

<table>
<thead>
<tr>
<th>name of institution</th>
<th>position</th>
<th>type of institution</th>
<th>food sector</th>
<th>mobility category</th>
<th>city</th>
<th>country</th>
<th>accepted language</th>
</tr>
</thead>
</table>

Predefined options see Annex 1

When clicking on name of institution, a table view opens in a new screen, displaying all fields per entry (including contact person, institution information, title of position, duration of the activity, etc.). Also multiple pdfs could be attached.

6.2 People database

The data can be viewed as list (open to the public) and each entry as table (also open to the public).

The fields of the list view is shown below. Each field can be sorted alphabetically. The data can also be filtered according to profession, qualification, type of institution, time availability, food sector, mobility category, country and accepted language.

<table>
<thead>
<tr>
<th>name</th>
<th>profession</th>
<th>qualification</th>
<th>type of institution</th>
<th>time availability</th>
<th>food sector</th>
<th>mobility category</th>
<th>country</th>
<th>language</th>
</tr>
</thead>
</table>

Predefined options see Annex 1

When clicking on name, a table view opens in a new screen, displaying all fields per entry. Also multiple pdfs could be attached.

To complete and keep the mobility database up-to-date, FooD-STA local contact hubs will regularly contact institutions (research institutions, industry, association) to distribute the template for mobility database. All collected information on mobility opportunities will be add to the database.

The following disclaimer will be included: The EuFooD-STA project is not legally responsible for any problem that may occur for the use of the information included in this database. The information presented in this mobility database is directly provided by food companies, institution and/or particular persons.
7 Database of innovative and successful collaboration between academia and food industry

This tool will allow stakeholders within the food industry and research institutions to share with FooD-STA members their ideas and experiences on innovative collaboration between academia and food industry. All successful, innovative and creative examples of this type of collaboration will be very welcome.

The data can be viewed as list (open to the public) and each entry as table (restricted to FooD-STA members).

The fields of the list view is shown below. Each field can be sorted alphabetically. The data can also be filtered according to food sector, category, country and key words.

<table>
<thead>
<tr>
<th>institution</th>
<th>food sector</th>
<th>category</th>
<th>country</th>
<th>key words</th>
</tr>
</thead>
</table>

When clicking on the institution, a table view opens in a new screen, displaying all fields per entry. This includes also the following fields: contact person (name, surname, email address), benefits and short description. Further there is a possibility to for multiple uploads of pictures and pdfs. Only FooD-STA members have access to this detailed information when logged in.

8 Database of innovative teaching methods

Examples of innovative teaching methods regarding all kind of topics in Food Science and Technology, and other subjects related to the Food sector, will be collected within this tool, allowing stakeholders from Universities, Research Centers and other Institutions to share their own experiences.

The data can be viewed as list (open to the public) and each entry as table (restricted to FooD-STA members).

The fields of the list view is shown below. Each field can be sorted alphabetically. The data can also be filtered according to food sector, key words and language.

<table>
<thead>
<tr>
<th>title</th>
<th>subject area</th>
<th>key words</th>
<th>language</th>
</tr>
</thead>
</table>

Predefined options see Annex 1

When clicking on the title, a table view opens in a new screen, displaying all fields per entry. This includes also the following fields: contact person (name, surname, email address), description. Further there is a possibility to for multiple uploads of pictures and pdfs. Only FooD-STA members have access to this detailed information when logged in.
9 Database of experts

This database includes information on experts regarding the Food sector. As basis for the implementation of this database, the database from the FP7 TRAFOON project will be used (https://www.trafoon.org/info/exp). The University of Hohenheim (UHOH), Co-ordinator of TRAFOON, is an official partner in EuFooD-STA project, being WP leader in WP2 “Establishment of the EuFooD-STA Centre”.

This database will be transferred to a new server and modified by extending the sectors mentioned in chapter 5. Then on the Trafoon website and on the FooD-STA website there will be implemented a list and table view. The data will be maintained on the new server and can also be accessed and searched by other website with suitable filters.

Experts: All languages

<table>
<thead>
<tr>
<th>#</th>
<th>First name</th>
<th>Last name</th>
<th>Country</th>
<th>Sector(s)</th>
<th>Language(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mª Paz</td>
<td>Aguilera Herrera</td>
<td>ES</td>
<td>Fruits</td>
<td>en, es</td>
</tr>
<tr>
<td>2</td>
<td>Ryszard</td>
<td>Amarończew</td>
<td>PL</td>
<td>Grains, Fruits</td>
<td>en, pl</td>
</tr>
<tr>
<td>3</td>
<td>Mateja</td>
<td>Ambrožič</td>
<td>SI</td>
<td>Grains</td>
<td>en, si</td>
</tr>
</tbody>
</table>

Additional information will be provided for EuFooD-STA partners and members of the eFSC to complete and keep updated the database.

10 Database of organisations

This database includes information on organisations like associations, research/technology transfer institutions, suppliers (industry, distribution, consultancy), public authorities and any other bodies (miscellaneous) regarding the Food sector.

As basis for the implementation of this database, the database from the FP7 TRAFOON project will be used (https://www.trafoon.org/info/org). The University of Hohenheim (UHOH), Co-ordinator of TRAFOON, is an official partner in EuFooD-STA project, being WP leader in WP2 “Establishment of the EuFooD-STA Centre”.

This database will be transferred to a new server and modified by extending the sectors mentioned in chapter 5. Then on the Trafoon website and on the FooD-STA website there will be implemented a list and table view. The data will be maintained on the new server and can also be accessed and searched by other website with suitable filters.

Organisations: All languages

![Organisations: All languages](image)

Additional information will be provided for EuFood-STA partners and members of the eFSC to complete and keep updated the database.

11 Training platform

This section will be specified more in detail and implemented later by WP5. It will include e-learning courses and webinars developed within FooD-STA projects.

11.1 E-learning courses

E-learning courses for undergraduate-, graduate students and people from the food industry all over the world will be developed in cooperation of experts from universities and companies to be used at:

- different universities for blended learning
- companies for CPD, coached by trainers from both (universities and companies)

The courses will be implemented in the content and e-learning management tool moodle (https://moodle.iseki-food.net/) provided by the ISEKI-Food Association.
11.2 Webinars
A series of **webinars** will be organised and recorded for later viewing. These webinars can be used for CPD training, e.g. to present and discuss new technologies, accessible also by SMEs. The webinars will be carried out with the GoToWebinar Tool ([http://www.gotomeeting.com/webinar](http://www.gotomeeting.com/webinar)), provided by the ISEKI-Food Association.

11.3 Teleconference tool
This will be carried out with the GoToMeeting Tool ([http://www.gotomeeting.com/](http://www.gotomeeting.com/)), provided by the ISEKI-Food Association. It allows screen and keyboard sharing to work on a common document. The sessions can also be recorded.

11.4 Digital library
Additionally, the FooD-STA web platform will include a “**Digital library**”, a collection of online training material and research results available for the general public in different languages. This will consist of:
- tutorials (podcasts, PowerPoints) e.g. of analytical methods, processing units, etc.
- recorded webinars: presentation of new developments in research
- online courses
- research results and expertise of universities and research centers in order make it available for the food industry and especially for SMEs

12 Continuous Professional Development platform (foodcareers)
This will be specified implemented later in [https://www.foodcareers.eu/](https://www.foodcareers.eu/) by WP3.

13 Annex 1: Predefined options for database fields
- **Food sector**: meat products, fish products, fruits and vegetables, oils and fats, dairy products, bakery and pasta products, animal feed, alcoholic beverages, non-alcoholic beverages, confectionary
- **Category**: primary production, processing and packaging, food law, food safety, food quality, certification, marketing, management, general competencies, emerging skills
- **type of Institution**: educational organisation, research institution, industry, retailer, authority, training provider, other service provider, etc.
- **mobility category**: job, internship, short term scientific mission, international cooperation, training
- **profession**: student, teacher, technician, secretary, ....
- **qualification**: BSc, MSc, PhD
- **subject area:** Applied Biochemistry, Biochemical Engineering and Fermentation, Cereal Technology, Dairy Science and Technology, Environmental Engineering, Fish Technology, Food Analysis, Food Chemistry, Food Microbiology, Food Safety, Meat Science and Technology, Nutrition, Oil Technology, Packaging, Thermodynamics, Transport Phenomena and Unit Operations, Vegetable and Fruit Technology, Other