

**EUFOOD-STA: EUROPEAN FOOD STUDIES & TRAINING ALLIANCE**

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**Deliverable D5.4**

**Development of a “Digital Library”**

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Dissemination level		
<b>PU</b>	Public	X
<b>PP</b>	Restricted to other programme participants (including Commission services and projects reviewers)	
<b>CO</b>	Confidential, only for members of the consortium (including EACEA and Commission services and projects reviewers)	

**Summary**

This deliverable presents the content of an online database with selected available materials on the Food sector and also the training materials developed by the Food-STA consortium under task 3.4 (*Development of selected training activities*).

Existing resources from ISEKI\_Food network and TRAF00N databases were identified and selected records were re-classified according to the database structure approved by consortium members.

The training activities developed and implemented by the consortium were also included as available materials.

Consortium and non-consortium members were invited to participate and contributed with new data for this Digital Library.

This Digital Library was made available in cooperation with WP2 and will contribute to the development and competitiveness of the European Food Sector.



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## 1 Introduction

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In order to make available an online database that offers a Digital Library for the Food Sector, identification of existing materials was firstly assessed. Based on these information, a structure of the new database was defined and implemented in cooperation with WP2. This database consists of a collection of online materials available mainly as webinars, tutorials, eBooks, Audios, and Videos.

Selected existing resources (from the past ISEKI\_Food network and TRAFON databases) were imported and re-classified according with the categories established within the EU FOOD-STA project.

Based on task 3.4 (*Development of selected training activities*), the developed and implemented webinars were included as available and open access content on the database. A list of these training activities can be found at point 3.3 of this report.

New contributions were requested to consortium and non-consortium members to increase the offer of different and multidisciplinary resources available in this database.

This Digital Library can be visited in <https://db.iseki-food.net/digital-library/output>, linked to the ISEKI Food Association web platform (<https://db.iseki-food.net/>).

## 2 Database structure

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Task leaders from UCP, BOKU, LVA, and ACTIA, in agreement with the other consortium partners, decided the final structure of the Digital Library.

Based on IFA teaching materials database, additional fields and new categories were included in the new database.

The main final structure of the Food-STA Digital Library is shown in the following figure:



Title in engl.	Title in original lang	Sector	Category	Description	Target Groups	Training Formats	Language	Link Name - URL
free text	free text	multiple check box	multiple check box	free text	multiple check box	multiple check box	drop down	free text
		Fish	Quality & Safety		Students	PDF		
		Fruits & Vegetables	Entrepreneurship		Trainers & Teacher	eBook		
		Grains	Primary Production		Professionals	Audio		
		Meat	Processing			Video		
		Poultry & Eggs	Hygienic Design			Web Page		
		Oil & Fat	Labelling			Flash Animation		
		Dairy	Marketing			Simulation		
		Confectionary	Packaging			Online course		
		Beverage	Product development			Webinar		
		Education & Training	Soft skills			Demonstration		
		By-products & Waste	food engineering					
		Other	Food Analysis					
			Food Chemistry					
			Food Microbiology					
			Nutrition					
			Biotechnology					
			Statistics					
			Food law					
			Miscellaneous					

### 3 Database implementation

Based on the final structure defined by the consortium members (see point 2 of this report), the database was implemented, in cooperation with WG2, on the ISEKI Food Association web platform (<https://db.iseki-food.net/>).

ISEKI Food Association

Free databases for the food sector

Home Digital Library Experts database Login Imprint

Welcome to our free databases for the food sector!

DIGITAL LIBRARY EXPERTS DATABASE

This site contains data bases of the ISEKI-Food Association, which have been developed by the Food-STA project<sup>®</sup>. The data collected by several EU funded projects (ISEKI\_Mundus 2<sup>®</sup>, Trafoon<sup>®</sup>, Food-STA<sup>®</sup>, SEA-ABT<sup>®</sup>) have been merged and completed.

The data bases are free and open and can also be used as a reference for future projects.

You are welcome to search, add and maintain information.  
Support and sponsoring for maintenance would also be very much appreciated.  
If you need more information, please contact [office@iseki-food.net](mailto:office@iseki-food.net).

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SEVENTH FRAMEWORK PROGRAMME  
Lifelong Learning Programme

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The access to this Digital Library can be via the “DIGITAL LIBRARY” button in the dedicated home page or directly by “copy-an-paste” the following link: <https://db.iseki-food.net/digital-library/output> in any browser.



The final outline of the database is shown in the following figure:

**Free databases for the food sector**

ISEKI Food Association

Home Digital Library Experts database Login Imprint

### Digital Library for the Food Sector

The ISEKI-Food Digital Library, initially developed by the Food-STA project and integrating previous results from ISEKI-Food Network and TRAF00N Project, offers a collection of online training and education digital materials covering different target groups, categories and formats, such as tutorials, eBooks, Audios, and Videos ...

**Usage instructions**  
Results are displayed below the search options, you may need to scroll down to see them.  
Please use the search options to filter the results for the content you are interested in.  
Simply select the appropriate checkboxes and then click on the "Apply" button.

<b>Target groups</b>	<b>Sector</b>	<b>Category</b>	<b>Language</b>	<b>Training Formats</b>	<b>Title contains ...</b>	<b>Keywords</b>	<input type="button" value="Apply"/>
<input type="checkbox"/> Students	<input type="checkbox"/> Fish	<input type="checkbox"/> Quality & Safety	<input type="checkbox"/> English	<input type="checkbox"/> PDF file	<input type="text"/>	<input type="text"/>	<input type="button" value="Reset"/>
<input type="checkbox"/> Trainers & Teachers	<input type="checkbox"/> Fruits & Vegetables	<input type="checkbox"/> Entrepreneurship	<input type="checkbox"/> German	<input type="checkbox"/> eBook			
<input type="checkbox"/> Professionals	<input type="checkbox"/> Grains	<input type="checkbox"/> Primary Production	<input type="checkbox"/> French	<input type="checkbox"/> Audio			
	<input type="checkbox"/> Meat	<input type="checkbox"/> Processing	<input type="checkbox"/> Spanish	<input type="checkbox"/> Video			
	<input type="checkbox"/> Poultry & Eggs	<input type="checkbox"/> Hygienic Design	<input type="checkbox"/> Portuguese	<input type="checkbox"/> Web page			
	<input type="checkbox"/> Oil & Fat	<input type="checkbox"/> Labelling	<input type="checkbox"/> Italian	<input type="checkbox"/> Flash Animation			
	<input type="checkbox"/> Dairy	<input type="checkbox"/> Marketing	<input type="checkbox"/> Greek	<input type="checkbox"/> Simulation			
	<input type="checkbox"/> Confectionary	<input type="checkbox"/> Packaging	<input type="checkbox"/> Slovenian	<input type="checkbox"/> Online course			
	<input type="checkbox"/> Beverage	<input type="checkbox"/> Product development	<input type="checkbox"/> Czech	<input type="checkbox"/> Webinar			
	<input type="checkbox"/> Education & Training	<input type="checkbox"/> Soft skills	<input type="checkbox"/> Dutch	<input type="checkbox"/> Demonstration			
	<input type="checkbox"/> By-products & Waste	<input type="checkbox"/> Food engineering	<input type="checkbox"/> Polish				
	<input type="checkbox"/> Food	<input type="checkbox"/> Food Analysis	<input type="checkbox"/> Serbian				
	<input type="checkbox"/> Other	<input type="checkbox"/> Food Chemistry	<input type="checkbox"/> Hungarian				
	<input type="checkbox"/> Entrepreneurship	<input type="checkbox"/> Food Microbiology					
	<input type="checkbox"/> Fruits	<input type="checkbox"/> Nutrition					
	<input type="checkbox"/> Vegetables	<input type="checkbox"/> Biotechnology					
		<input type="checkbox"/> Statistics					
		<input type="checkbox"/> Food law					
		<input type="checkbox"/> Miscellaneous					

In the next sections of this report (see 3.1, 3.2, 3.3 and 3.4) the details on the selected training materials included in this database are included according to their source (existing databases –ISEKI-Food, TRAF00N-, developed in the FOOD-STA project or collected by project partners).



### 3.1 ISEKI database

Approximately 280 records were imported from ISEKI database. Around 80 records were deleted, since the present data was repeated, disable or outdated. The remaining records were classified based on of the selected criteria of sector, category, target group, language and training format), included by indicating the link or by uploading the file provided, according with the defined structure (see section 2 of this report).

For each document/record, additional information, such as a short description about the content, keywords and the provided source was also included.

### 3.2 TRAF00N database

Approximately 1050 records were imported from TRAF00N database. Around 50 records were deleted, since the data was disable or outdated. The remaining records were re-classified based on of the selected criteria of sector, category, target group, language and training format), included by indicating the link or by uploading the file provided, according with the defined structure (see section 2 of this report).

For each document/record, additional information, such as a short description about the content, keywords and the provided source was also included.

The TRAF00N records were imported later than expected due to unforeseen difficulties when transferring the data to the FooD-STA database. Moreover, many of these records were in languages other than English, which made necessary the use of translation tools for the possible re-classification of the documents. These two facts have delayed the conclusion of this task.



### 3.3 Training materials developed by consortium

All webinars developed and implemented by the consortium under Task 3.4 were included in the database. The pdf file of the presentation as well as the video of the webinar were attached and, based on it, each webinar was classified (in terms of sector, category, target group and language) according with the defined structure (see section 2 of this report).

Additional information, such as a short summary of the webinar content, keywords and the responsible person was also included.

The following table includes the list of all the webinars developed by the consortium and included in the Digital Library.

24 Oct 2017	EuFooD-STA Webinar "Integrative predictive modeling for food safety and quality – Tools and applications"
12 Oct 2017	EuFooD-STA Webinar "Nutritional and Health Claims - Regulation (EC) N° 1924/2006 on nutrition and health claims made on foods"
10 Oct 2017	EuFooD-STA Webinar "Food Additives - Regulation (EC) N° 1333/2008 on Food Additives"
27 Jun 2017	EuFooD-STA Webinar "New Trends for Design of Food Products"
14 Jun 2017	EuFooD-STA Webinar "Sym'Previous for beginners"
13 Jun 2017	EuFooD-STA webinar "EN ISO/IEC 17025 Standard - General requirements for the competence of testing and calibration laboratories. Food Safety Application"
30 May 2017	EuFooD-STA Webinar "Bacillus cereus from a food industrial perspective"
24 May 2017	EuFooD-STA Webinar "Marketing strategies - importance of labelling and trust in the supply chain"
23 May 2017	EuFooD-STA Webinar: "Information to Consumers – Focus on Labeling Regulation (EU) N° 1169/2011 on the provision of food information to consumers"





18 May 2017	EuFood-STA Webinar "How to positively communicate by nutrition and health claims in Europe?"
16 May 2017	EuFood-STA webinar: "Flavourings – Focus on use of the term "Natural" Regulation (EC) N° 1334/2008 on flavourings and certain food ingredients with flavouring properties for use in and on foods"
2 May 2017	EuFood-STA Webinar "Packaging technology and preservation of foods"
25 Apr 2017	EuFood-STA Webinar: "Food Sector in USA - Main Opportunities and Trends"
6 Apr 2017	EuFood-STA Webinar: "Sporeforming bacteria in food: Detection, identification and means of control"
21 Mar 2017	EU FooD-STA Webinar "Traditional Food Sector and consumption in China - main trends"
16 Mar 2017	EU FooD-STA Webinar "Market Assessment – Use of NPD Tools in Traditional Food Products"
9 Mar 2017	EuFood-STA Webinar: "Innovation in traditional Food? – Good Practices"
7 Mar 2017	EuFood-STA Webinar: "Support of Entrepreneurship and Enhancing of Competitiveness in the fish sector"
23 Jan 2017	FooD-STA Webinar "Modern models and frameworks in entrepreneurship"
20 Dec 2016	FooD-STA Webinar: "Biofilms in food industry : structure, function and control strategies"
15 Dec 2016	FooD-STA Webinar: "Analysis of chemical trace contaminants in foods: performance and limits"
17 Nov 2016	FOOD-STA Webinar: "Emerging microbiological hazards bring new challenges to food safety"
21 Jun 2016	FooD-STA Webinar: "How can we better evaluate the efficiency of food antimicrobials?"
7 Jun 2016	FooD-STA Webinar: "Sugars...not only sweeteners"



### 3.4 New contributions

After the collection of the records from the ISEKI\_Food projects and the TRAFON database and the inclusion of all developed webinars, the digital library was placed online and consortium and non-consortium members were invited to participate and contribute with new data.

Regarding the submission process, a link was created (<https://db.iseki-food.net/node/add/digitallibrary>) where the insertion of new data can be filled online, as follows:

1. The applicant create a new entry
2. A notification e-mail is sent to UCP staff
3. UCP staff checks the new entry
4. UCP staff publishes the new entry

The procedure for the collection of new contributions was different, depending on whether the record/document provider is or not member of the consortium, as shown in the following sections.



### 3.4.1 Consortium members

All consortium members were invited by e-mail to contribute with new data to the Digital Library. The e-mail sent had the following message:

*Dear all EuFood-STA members,*

*In WP 5.4., we aim to develop a “Digital library”, where a collection of online training material is available for the general public. To achieve this aim, ISEKI and Trafoon databases were already imported and rectified.*

*To improve our database, we ask for your contributions by filling the form available in the following link: <https://db.iseki-food.net/node/add/digitallibrary>*

*We thank you in advance for your kind participation, and if any questions, please contact Cristina Silva [clsilva@porto.ucp.pt](mailto:clsilva@porto.ucp.pt). Please make your contribution until October 6<sup>th</sup>.*

*Best regards,*

*Cristina Silva*

After receiving new proposals for the Digital Library, every entry was checked and when appropriate, was posted online.



### 3.4.2 Non-consortium members

Non-consortium members were also invited to contribute with new data to the Digital Library throughout the Food-STA webpage (<https://www.food-sta.eu/>). A call was open to the ISEKI-Food Association (IFA) members. A news about the collection of documents/records of this database and request of contribution was published in IFA Newsletter, as following:

#### ***EuFood-STA Centre is developing a Digital library for the food sector***

*Under the EuFood-STA Centre (<https://www.food-sta.eu/>), a Digital Library is being developed. This consists of a collection of online materials available in a web-based database that offers digital material for the Food Sector. It contains already the actualized content of two other databases (ISEKI-Food Association “IFA” and TRAFON - Traditional Food Network), the webinars developed under the EuFood-STA project as well as other significant materials such as tutorials, eBooks, Audios, and Videos. In sum, this database has already approximately 1 225 records.*

*Please visit this database on: <https://db.iseki-food.net/digital-library/output>*

*Take the opportunity to be involved and contribute to this database by filling the form available in the following link: <https://db.iseki-food.net/node/add/digitallibrary>*

*We thank you in advance for your kind participation, and if any questions, please contact Cristina Silva through the e-mail [clsilva@porto.ucp.pt](mailto:clsilva@porto.ucp.pt).*

After receiving new proposals, every entry was checked and when appropriate, was posted online.



## 4 Final remarks

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In total, 1230 records are currently present in this open access EuFood-STA Digital Library, which cover the main topics of Food sector.

The available materials from 2 databases were updated, the webinars developed by the FooD-STA consortium were included and new contributions were asked and inserted on this Digital Library.

Food-STA partners consortium is continuously working to get more contributions, to improve this database, even after the project is finished. The main goal is to keep this Digital Library always updated, so that it can also be used as a reference for future projects.

----- END OF THE DELIVERABLE -----