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E+ Capacity Building in Higher Education

**SEA-ABT: SOUTH EAST ASIA ACADEMY FOR BEVERAGE TECHNOLOGY**

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**Deliverable D6.3**

**Joint EU-SEA-ABT Academy web platform**

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Dissemination Level		
<b>PU</b>	Public	<b>X</b>
<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 *D6.3 – Joint EU-SEA-ABT Academy web platform* describes the main functionalities of the web platform with its interactive tools – the e-learning platform, Digital Library, Brokerage System, Mobility System, Information Collection System and the Experts Database with the project website.

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# 1 Overview of the tools

On <https://www.sea-abt.eu/tools> all tools have been collected. Below each of the tools are described.

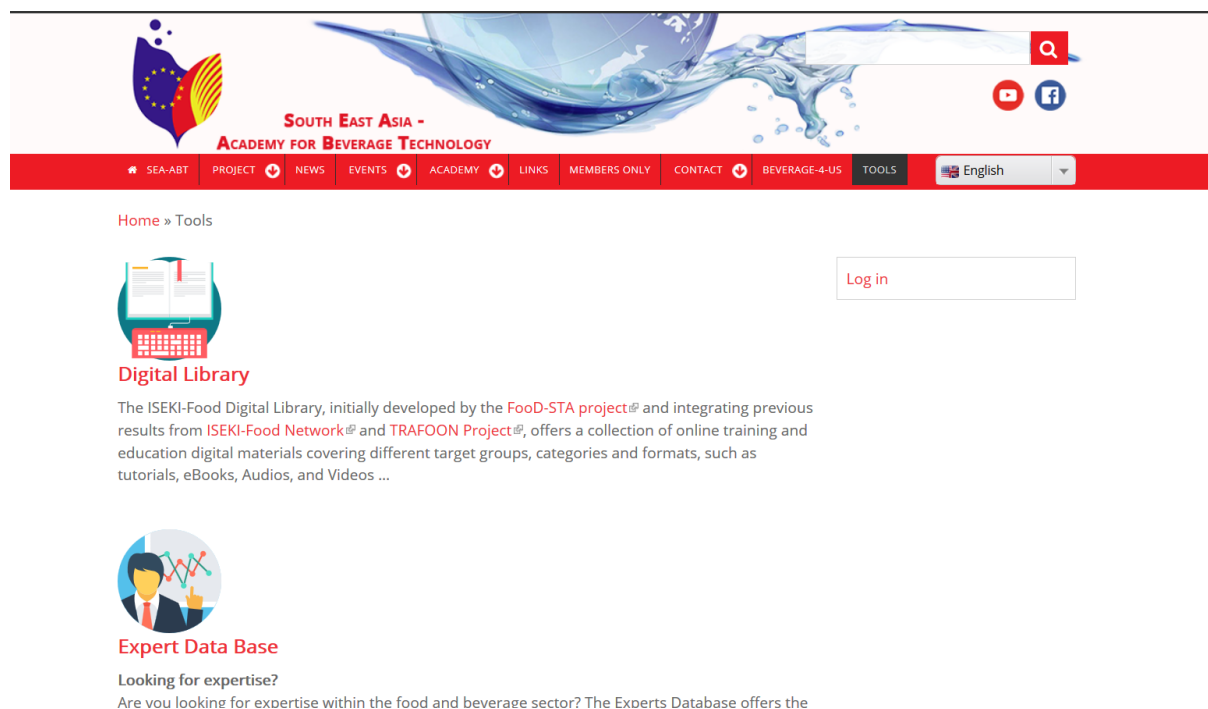


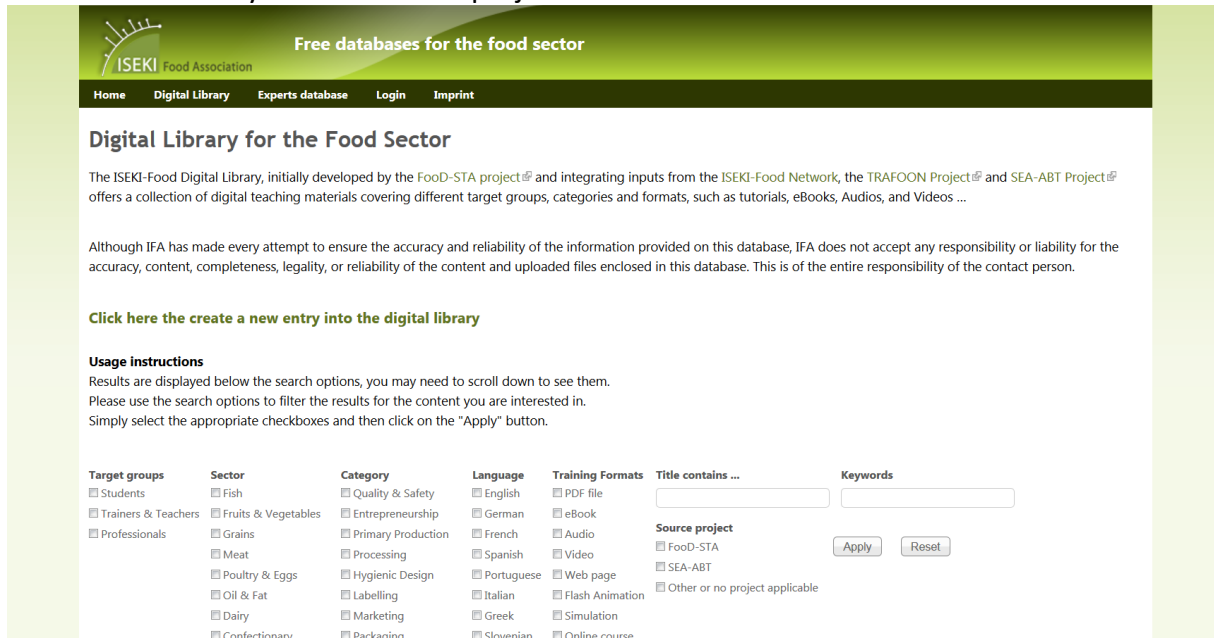
Figure 1: Screenshot <https://www.sea-abt.eu/tools>

## 2 Digital Library

The ISEKI-Food Digital Library – initially developed by the EuFoodD-STA project – offers a collection of digital teaching materials covering different target groups, categories and formats such as tutorials, eBooks, audios, videos etc. You can search for materials by applying various filters:

- target groups (e.g. students, trainers and teachers...)
- sector (e.g. beverage, fruits and vegetables, education and training...)
- category (e.g. biotechnology, hygienic design...)
- language (e.g. English, Thai...)
- training formats (PDF file, webinar, audio, video...)

While the Digital Library contains entries from several EU-projects, it is also possible to filter for entries related only to the SEA-ABT project.



The screenshot shows the 'Digital Library for the Food Sector' search interface. At the top, there is a green header with the ISEKI Food Association logo and the text 'Free databases for the food sector'. Below the header is a navigation bar with links: Home, Digital Library, Experts database, Login, and Imprint. The main content area is titled 'Digital Library for the Food Sector' and contains a paragraph explaining the library's origin and purpose. Below this, there is a disclaimer and a link to 'Click here the create a new entry into the digital library'. The 'Usage instructions' section states that results are displayed below the search options and that users should use the search options to filter results. The search interface includes several filter categories with checkboxes: Target groups (Students, Trainers & Teachers, Professionals), Sector (Fish, Fruits & Vegetables, Grains, Meat, Poultry & Eggs, Oil & Fat, Dairy, Confectionary), Category (Quality & Safety, Entrepreneurship, Primary Production, Processing, Hygienic Design, Labelling, Marketing, Packaging), Language (English, German, French, Spanish, Portuguese, Italian, Greek, Slovenian), Training Formats (PDF file, eBook, Audio, Video, Web page, Flash Animation, Simulation, Online course), Title contains ... (a text input field), and Keywords (a text input field). There is also a 'Source project' section with checkboxes for 'FoodD-STA', 'SEA-ABT', and 'Other or no project applicable'. At the bottom right of the search area are 'Apply' and 'Reset' buttons.

Figure 2: Screenshot <https://db.iseki-food.net/digital-library/output>

### 3 Brokerage System

The SEA-ABT Brokerage System is a contact platform for graduates and the food and beverage sector providing offered job opportunities, on the one side, and available graduates (expertise) on the other side.

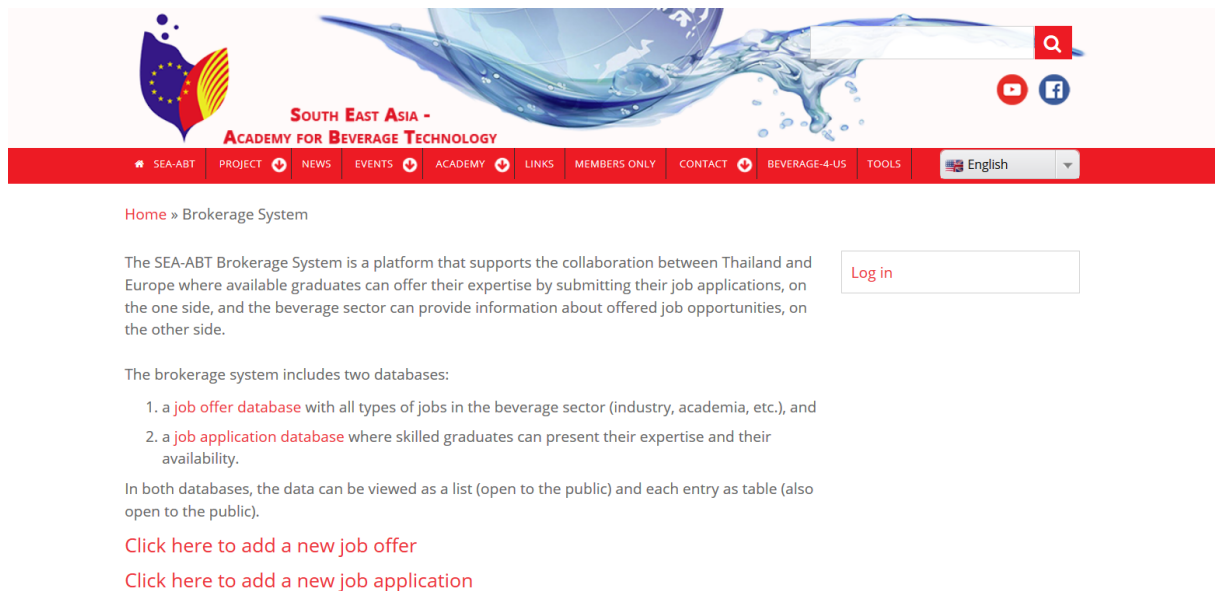


Figure 3: screenshot <https://www.sea-abt.eu/brokerage-select>

The brokerage system includes two databases:

- (1) a job offer database with all types of jobs in the food and beverage sector (industry, academia, etc.), and
- (2) a job application database where skilled graduates can present their expertise and their availability.



SEA-ABT  
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Beverage Technology



**SOUTH EAST ASIA -  
ACADEMY FOR BEVERAGE TECHNOLOGY**

Home » Add content » Create Job Offer

**Title \***

**Institution Name \***

**Website**

**Job category**

- ☐ N/A
- ☐ Fulltime
- ☐ Parttime

**Type of institution**

Figure 4: Screenshot <https://www.sea-abt.eu/node/add/jobsdb>



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**SOUTH EAST ASIA -  
ACADEMY FOR BEVERAGE TECHNOLOGY**

Home » Add content » Create Job Application

**First name \***

(This field will not be publicly visible.)

**Last name \***

(This field will not be publicly visible.)

**Date of birth \***

(This field will not be publicly visible.)

Day Month Year

**Address**

(This field will not be publicly visible.)

Figure 5: Screenshot: <https://www.sea-abt.eu/node/add/job-application>

## 4 Mobility Database

The SEA-ABT Mobility Database is a platform for students and industry/university staff from the beverage sector in Thailand and Europe.

The Mobility Database acts as a contact base to inform and facilitate the exchange of students and staff between the beverage sector and universities (internships, short term scientific missions (STSM)) internationally. In the Database, we distinguish between 3 types of mobility offers:

- **STUDENT MOBILITY:** Training of students in the food and beverage sector is essential to develop adequate and professional competences giving graduates the possibility to enter the job market with a good performance. Internationalization of student education is also necessary to improve students' competences and an effective way to prepare graduates working in an international environment.
- **TEACHER MOBILITY:** Teacher mobility in industry for short term scientific missions (STSM) is important to enable teaching staff to understand and update them on industry needs in education and research, which at the same time may provide an opportunity for faster technology transfer, especially to SMEs. These STSMs are an important step further for the improvement of the industry-university collaboration.
- **INDUSTRY STAFF MOBILITY:** Short term scientific missions (STSM) of industry staff in universities is important to update the industry with new methods and technologies, which may provide an opportunity for faster technology transfer, especially to SMEs.

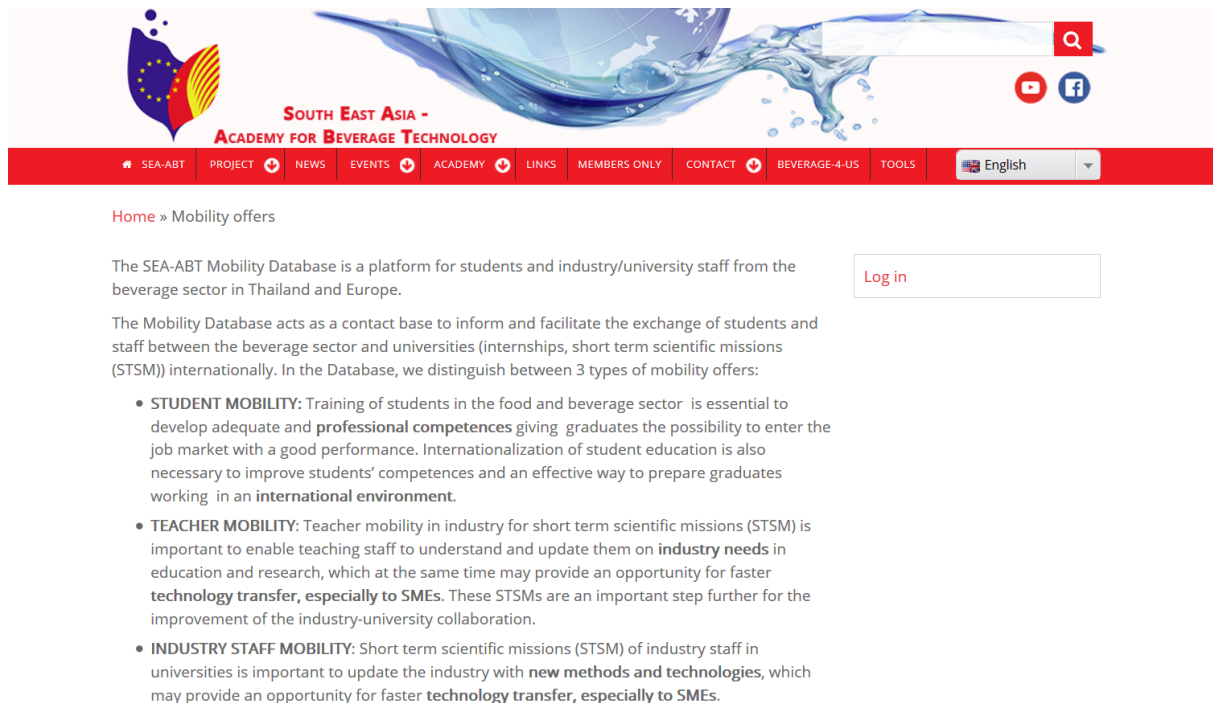


Figure 6: Screenshot: <https://www.sea-abt.eu/mobility-offer-select>

The screenshot shows the SEA-ABT (South East Asia Academy for Beverage Technology) website. The header features the SEA-ABT logo, a search bar, and social media icons for YouTube and Facebook. A red navigation bar contains links: SEA-ABT, PROJECT, NEWS, EVENTS, ACADEMY, LINKS, MEMBERS ONLY, CONTACT, BEVERAGE-4-US, and TOOLS. A language dropdown is set to 'English'. The breadcrumb trail reads: Home » Add content » Create Mobility Offer.

The main content area includes a 'Language' dropdown set to 'Language neutral', a 'Log in' button, and a 'Mobility offer title' field with an asterisk. Below this is a 'Type of offer' section with radio buttons: N/A, Students for internships (selected), Teachers for short term scientific missions, and Industry staff for short term scientific missions. At the bottom is a 'Description' field with an asterisk.

Figure 7: screenshot <https://www.sea-abt.eu/node/add/mobility-offer>



## 5 E-learning platform

Under the hospice of the ISEKI-Food and ISEKI Mundus projects, e-learning courses were developed for undergraduate-, graduate students and industrial people.

At this point, two e-learning courses have been developed on the topics:

- Hazards in hygienic processing
- Beverage technology II: brewing technology

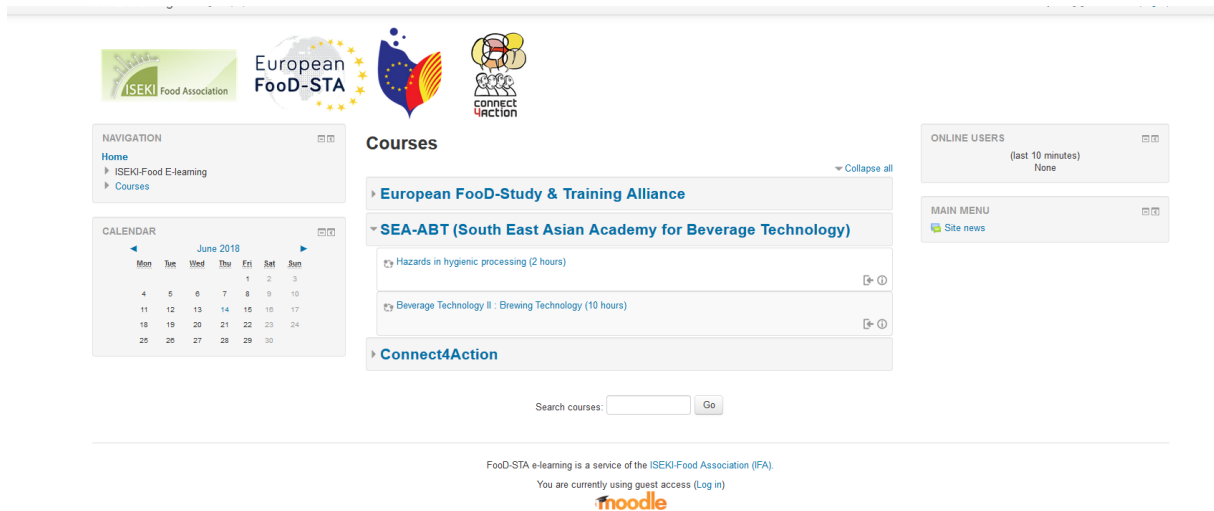
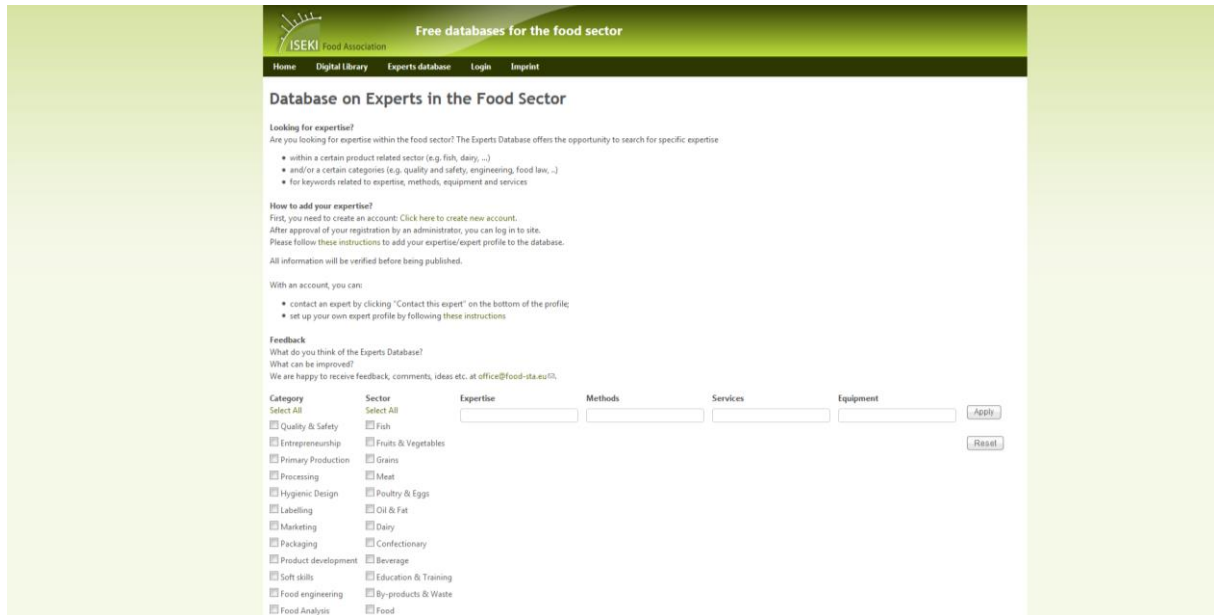


Figure 8: Screenshot <https://moodle.iseki-food.net/>

## 6 Experts Database

The Experts Database offers the opportunity to search for specific expertise:

- within a certain product related sector (e.g. fish, dairy, ...)
- and/or a certain categories (e.g. quality and safety, engineering, food law, ..)
- for keywords related to expertise, methods, equipment and services.



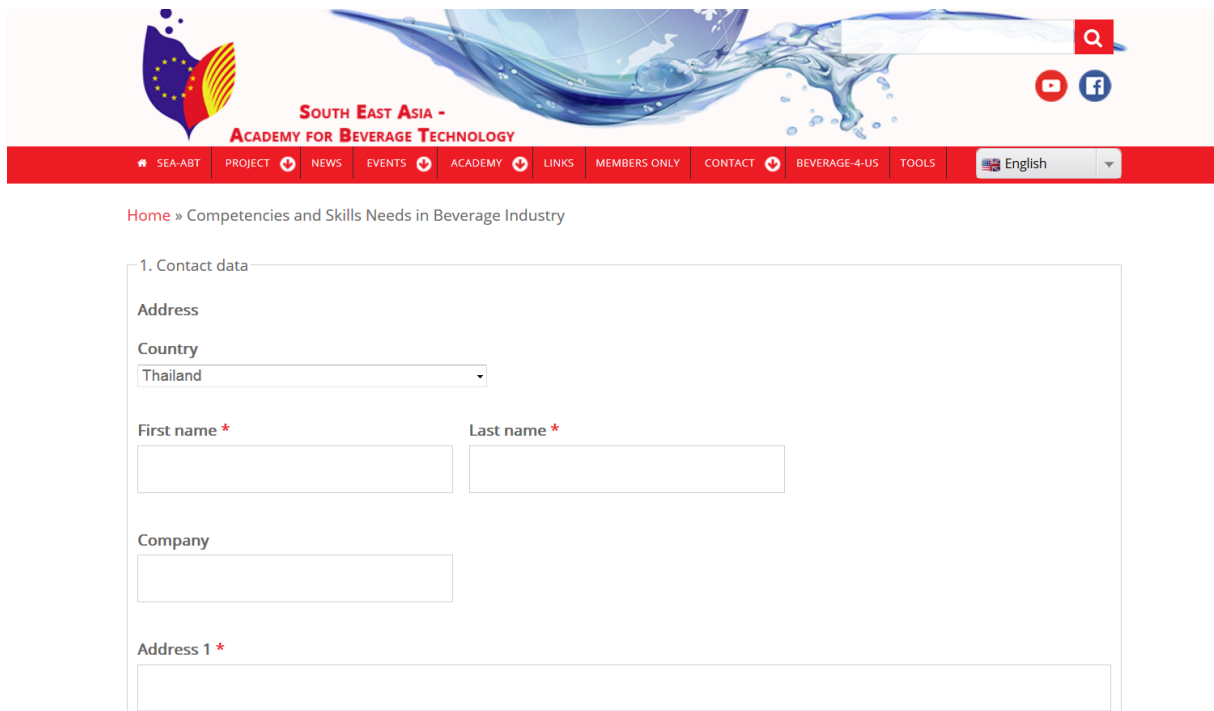
The screenshot shows the 'Database on Experts in the Food Sector' search interface. It includes a navigation bar with 'Home', 'Digital Library', 'Experts database', 'Login', and 'Imprint'. The main content area has a title 'Database on Experts in the Food Sector' and a sub-header 'Looking for expertise?'. Below this, it explains the purpose of the database and provides instructions on how to add expertise. A 'Feedback' section is also present. At the bottom, there is a search form with five columns: 'Category', 'Sector', 'Expertise', 'Methods', 'Services', and 'Equipment'. Each column has a 'Select All' button and a list of checkboxes. The 'Category' column includes options like 'Quality & Safety', 'Entrepreneurship', 'Primary Production', 'Processing', 'Hygienic Design', 'Labelling', 'Marketing', 'Packaging', 'Product development', 'Soft skills', 'Food engineering', and 'Food Analysis'. The 'Sector' column includes 'Fish', 'Fruits & Vegetables', 'Grains', 'Meat', 'Poultry & Eggs', 'Oil & Fat', 'Dairy', 'Confectionary', 'Beverage', 'Education & Training', 'By-products & Waste', and 'Food'. The 'Expertise', 'Methods', 'Services', and 'Equipment' columns are empty text input fields. There are 'Apply' and 'Reset' buttons to the right of the search fields.

Figure 9: Screenshot <https://db.iseki-food.net/database/expert>

## 7 Information Collection System

SEA-ABT is focused on developing demand-driven modules and related educational products for the use in CPD and academic education in the area of beverage technology. For that reason, we welcome contributions to our **Information Collection System**. You can do so by:

- Filling in the short online **"Questionnaire about competences and skills needed in the beverage industry"** (mainly for staff who work in the Thai food industry, especially in the beverage industry) **OR**
- Filling in one of the questionnaires (word files) below:
  - **Questionnaire on beverage technology curriculum development** (mainly for staff at Thai universities and research institutes)
  - **Specific Survey : Questionnaire on needs of the beverage industry** (mainly for staff who work in the Thai food industry, especially in the beverage industry) – returned to [BeverageTechnology.Thailand@gmail.com](mailto:BeverageTechnology.Thailand@gmail.com)



The screenshot shows the SEA-ABT website header with the logo and navigation menu. The main content area displays the title '1. Contact data' and a form with the following fields:

- Address
- Country (dropdown menu showing 'Thailand')
- First name \*
- Last name \*
- Company
- Address 1 \*

Figure 10: Screenshot questionnaire <https://www.sea-abt.eu/questionnaire-competencies-skills-beverage-industry>

As an aid, also a short summary of the main findings of the surveys (WP1) collecting information on available teaching capacities and identified needs for courses and modules within HE and CPD.



**Summary of the SEA-ABT surveys collecting  
information on available teaching capacities and  
identified needs for courses and modules within  
Higher Education (HE) and Continual Professional  
Development (CPD)**

Figure 11: [https://www.sea-abt.eu/sites/sea-abt.eu/files/download/129/Short\\_summary\\_D1.2 -  
\\_Inventory of available capacities and identified gaps.pdf](https://www.sea-abt.eu/sites/sea-abt.eu/files/download/129/Short_summary_D1.2_-_Inventory_of_available_capacities_and_identified_gaps.pdf)