

EUROPEAN COMMISSION

E+ Capacity Building in Higher Education

SEA-ABT: SOUTH EAST ASIA ACADEMY FOR BEVERAGE TECHNOLOGY

Project number: 561515-EPP-1-2015-1-AT-EPPKA2-CBHE-JP

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Dissemination material

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

Summary:

The scope of this document is to list and summarize the dissemination materials developed within the project and provided to the partners to be used for any dissemination activities of the project. The materials itself can be downloaded online for the partners to edit and use.

The materials mentioned in this deliverable may be subject to updates. The partners will be informed about updates. Updated templates will be made available for the partners online.

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Project Coordinator:

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1 Website

1.1 Homepage



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

SEA-ABT PROJECT NEWS EVENTS ACADEMY LINKS CONTACT English

The Erasmus+ Capacity Building project **SEA-ABT** will establish an independent "**Academy for Beverage Technology**" as an organisational frame for a structured and sustainable collaboration between universities and the beverage industry.

[Read more ...](#)



Newsletter

E-mail *

SUBSCRIBE

[Log in/Register](#)

1.2 Project



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

SEA-ABT PROJECT NEWS EVENTS ACADEMY LINKS CONTACT English

[Home](#) » [Project](#) » About the project

Under the Erasmus+ funding scheme "**Capacity Building in higher education**" the partners of the SEA-ABT project will increase the capacities of Thai Universities for delivering modern high quality curricula in the area of beverage technology. These will be based on new demand driven educational products, using innovative pedagogical approaches and teaching tools for different profiles.

Within the 3 year project, the consortium will establish an independent joint Academy, with hubs in Thailand and EU, to enable sustainable collaboration in higher education (HE) and continuing professional development (CPD). The academy will manage training and continuous exchange of best practise between Thai partners and with European partners.



[Log in/Register](#)

1.3 News



[Home](#) » [Newsletters and short news](#)

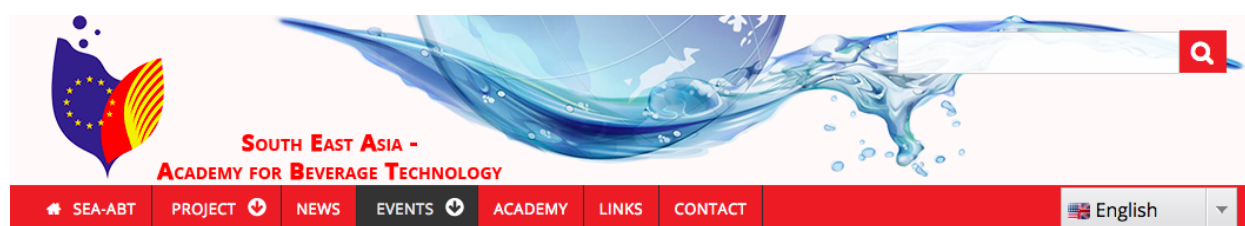
2016-02: Kick-off meeting in Bangkok

With the Kick-off meeting a "Stakeholder workshop" was organized in Bangkok to present the project to the industry and to collect needs of the industry for higher and continuing education. Besides representatives from Thai Ministry, Universities, the Austrian Trade Commissioner, CEOs and and manager from companies like Dutchmill, EHEDG, Endres-Hauser, GranMonte Vinary, Nestle, Singha, Red Bull, ThaiBev and others were present.

[Log in/Register](#)



1.4 Events



[Home](#) » [Events](#) » [Upcoming events](#)

Date▲	Name	City	Country	Type
2016-12-20	11th Virtual SEA-ABT Meeting			Private project meeting

[Log in/Register](#)

You may also want to view the list of [Past events](#).

1.5 Academy



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

Home » SEA-ABT Academy Membership

The Erasmus+ Capacity Building project **SEA-ABT** will establish an independent "**Academy for Beverage Technology**" as an organisational frame for a structured and sustainable collaboration between universities and the beverage industry.

Partners from Companies as well as the Educational Sector are invited to join the network, support the activities and directly benefit from the developments.

Membership is FREE of charge!

New members of the SEA-ABT Academy will NOT receive any EU-funding from the project. Due to the Erasmus+ funding rules, costs of additional partners cannot be covered.

What SEA-ABT Academy Membership can offer you:

- Access to our project intranet and thus to most recent deliverables
- Access to database on collected needs for education from the food industry
- Contribute to shaping the developed trainings with us according to your needs
- Attend project meetings (virtual and physical)

[Log in/Register](#)

1.6 Links



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

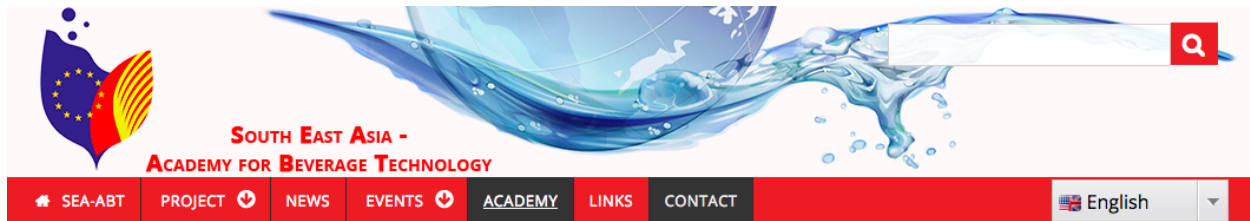
Home » LINKS

Related projects:

- **ASK** [®] Asia project (Agriculture Skills Knowledge): measures enhancing the attractiveness of Europe as an educational destination and a centre of excellence at world level
- **Food-STA** [®] (Food Studies & Training Alliance): establish an independent "EuFood-STA Centre" (virtual platform plus physical hubs) as a legal and organisational frame for international and sustainable collaborations between industry and academia in the food sector

[Log in/Register](#)

1.7 Contact



[Home](#) » [Contact](#)

Erasmus+ project South East Asia - Academy for Beverage Technology (SEA-ABT)

Project reference number: 561515-EPP-1-2015-1-AT-EPPKA2-CBHE-JP

[Log in/Register](#)

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If you want to contact us, please use the form below.

Your name *

1.8 Log in

[Log in/Register](#)

Username *

anita.habershuber

Password *

.....

- [Create new account](#)
- [Request new password](#)

LOG IN

2 SEA-ABT Leaflet

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The South East Asia Academy for Beverage Technology (SEA-ABT)

Under the Erasmus+ funding scheme "Capacity Building in higher education" the partners of the SEA-ABT project will increase the capacities of Thai Universities for delivering modern high quality curricula in the area of beverage technology. These will be based on new demand driven educational products, using innovative pedagogical approaches and teaching tools for different profiles.

Within the 3 year project, the consortium will establish an independent joint Academy, with hubs in Thailand and EU, to enable sustainable collaboration in higher education (HE) and continuing professional development (CPD). The academy will manage training and continuous exchange of best practice between Thai partners and with European partners.

Partners

EU universities & organizations:

- University of Natural Resources and Life Sciences (BOKU), Austria
- Hochschule Geisheim University (HGU), Germany
- University of Teramo (UNITe), Italy
- IFSEI Food Association (IFA)
- European Hygienic Engineering & Design Group (EHEDG)
- European Universities Continuing Education Network (EUCEN)

Thai universities:

- Kasetsart University (KU)
 - Department of Food Science and Technology, Faculty of Agro-Industry
 - Department of Biotechnology, Faculty of Agro-Industry
 - Kasetsart university Food Innovation Research and Services in Thailand (KUI-FIRST)
- Chulalongkorn University (CU)
 - Department of Food Technology, Faculty of Science
 - Center of Excellence in Food Processing, Faculty of Science
- King Mongkut's Institute of Technology Ladkrabang (KMUTT)
 - Department of Food Engineering, Faculty of Engineering
 - Department of Instrumentation and Control Engineering, Faculty of Engineering
 - EHEDG Project Thailand

Industrial Partners:

- Habla Chemie GmbH (HABLA)
- PATCOL public Company Limited (PATCOL)
- Non-alcoholic and alcoholic beverage companies in Thailand

Project Activities

- Analysis of needs for HE and CPD in the area of beverage technology (Kick off meeting : Feb 10-12th, 2018)
- Development of a 1-year certified postgraduate curriculum on Beverage Technology
- Development of certified CPD trainings courses based on the needs for example:
 - Quality and Safety Management
 - Wine Technology
 - Brewing Technology
 - Process and equipment design in food and beverage industry
 - Thermal Processing for beverage industry
 - Tropical and sub-tropical plant based beverages
- Train the trainers (Thai Universities)
- Standardization of curriculum and modules
- Establishment of the "Joint EU-SEA Beverage Academy"

Contributions and benefits of industry partners

- Help identify the needs of the Industry
- Get involved in the development of HE and CPD training:
 - Help specify topics and learning outcomes (HE and CPD)
 - Identify topics for independent study (HE)
 - Host practical training (HE)
 - Guest lecture in specialized topics (CPD and HE)
 - Provide facilities (workshop/laboratory practice demonstration)
- Improving staff's skills through the training provided by the "Joint EU-SEA Beverage Academy" in Thailand
- Networking among stakeholders in the beverage sector including both academics and industries

เป็นโครงการที่มีทุนสนับสนุนจาก Erasmus+ ปีงบประมาณ 3 ปี ที่เริ่มต้น เมื่อประมาณ 2558 โดยมี University of Natural Resources and Life Sciences (BOKU) ประเทศออสเตรียเป็นประธานในการร่วม และมีความร่วมมือกับมหาวิทยาลัยเทคโนโลยีพระจอมเกล้าธนบุรี (มจท.) มหาวิทยาลัยเทคโนโลยีพระจอมเกล้าพระนครเหนือ (มปอ.) และภาคอุตสาหกรรมที่เกี่ยวข้องเพื่อพัฒนาหลักสูตรและส่งเสริมการศึกษาระดับสูงและการฝึกอบรมวิชาชีพด้านวิทยาศาสตร์และเทคโนโลยีในอุตสาหกรรมเครื่องดื่มในประเทศไทย และเป็นประเทศไทยแห่งเดียวของโลกที่มี

สถาบันการศึกษา SEA-EA Academy (Joint EU-SEA Beverage Academy) ซึ่งตั้งขึ้นภายใต้โครงการนี้ จะเป็นผู้ให้บริการซึ่งเกี่ยวข้องทั้งหมด (มหาวิทยาลัย เทคโนโลยี และโรงงาน (BOKU)) โดยจัดการทำงานเป็นอิสระต่อกัน ภายใต้วิสัยทัศน์ของนักวิชาการที่จะสร้างความรู้และความเชี่ยวชาญในด้านผลิตภัณฑ์อาหารประเภทเครื่องดื่มให้กับบุคลากรในสาขาเครื่องดื่มทั้งในระดับปริญญาตรี ปริญญาโท และปริญญาเอก รวมถึงการพัฒนาบุคลากรในสายการผลิตต่อเนื่อง (Continuing Professional Development: CPD) เพื่อเพิ่มขีดความสามารถของประชากรชาวไทยทางด้านวิทยาศาสตร์และเทคโนโลยีให้สามารถก้าวไกลไปข้างหน้า สามารถนำเอาองค์ความรู้ทางวิทยาศาสตร์และเทคโนโลยีมาใช้ในการพัฒนาผลิตภัณฑ์ใหม่ ๆ และสามารถแข่งขันในตลาดโลกได้อย่างมีประสิทธิภาพ เช่น พัฒนาผลิตภัณฑ์และบรรจุภัณฑ์ใหม่ ๆ รวมทั้งการพัฒนาคน การทำวิจัยนวัตกรรม (Innovation Thinking) และการพัฒนานวัตกรรม

Objectives

- Enhancing the development of beverage industry in Thailand and South East Asia countries
- Improving of the Education Sector in the area of beverage technology (and beyond) in Thailand and SEA
- Increasing the capacities of Thai Universities for delivering modern high quality curricula and Life Long Learning (LLL) in the area of beverage technology
- Promoting the convergence with EU standards in higher education

Contact Detail

Website of the program: Website link: www.SEA-ABT.eu

Coordinator : Dr. Gerhard Schleining
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Department of Food Sciences and Technology Food Physics Laboratory
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E-mail : sasitorn.ch@ku.ac.th

3 SEA-ABT Brochure



The South East Asia Academy for Beverage Technology (SEA-ABT)

Partners

EU universities & organizations

- University of Natural Resources and Life Sciences (BOKU), Austria
- Hochschule Gelsenheim (HGU), Germany
- University of Teramo (UNITE), Italy
- ISEK-Food Association (IFA)
- European Hygienic Engineering & Design Group (EHEDG)
- European Universities Continuing Education Network (EUCEN)

Thai universities

- Kasetsart University (KU)**
 - Department of Food Science and Technology, Faculty of Agro-Industry
 - Department of Biotechnology, Faculty of Agro-Industry
 - Kasetsart university Food Innovation Research and Services in Thailand (KU-FIRST)
- Chulalongkorn University (CU)**
 - Department of Food Technology, Faculty of Science
 - Center of Excellence in Food Processing, Faculty of Science
- King Mongkut's Institute of Technology Ladkrabang (KMUTL)**
 - Department of Food Engineering, Faculty of Engineering
 - Department of Instrumentation and Control Engineering, Faculty of Engineering
 - EHEDG Project, Thailand

Industry Partners

- Habla-Chemie GmbH (HABLA)
- PATKOL public Company Limited (PATKOL)
- Non-alcoholic and alcoholic beverage companies in Thailand

Contact Detail / Website link: www.SEA-ABT.eu

Coordinator :
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Funded by the Erasmus+ Programme of the European Union
ERASMUS+ 101014797-1-2019-1-SE-01PPAB-CH-GUP



โครงการ South East Asia Academy for Beverage Technology (SEA-ABT)

สถาบันความร่วมมือ

มหาวิทยาลัยและองค์กรในยุโรป

- University of Natural Resources and Life Sciences (BOKU), Austria
- Hochschule Gelsenheim (HGU), Germany
- University of Teramo (UNITE), Italy
- ISEK-Food Association (IFA)
- European Hygienic Engineering & Design Group (EHEDG)
- European Universities Continuing Education Network (EUCEN)

มหาวิทยาลัยในประเทศไทย

- มหาวิทยาลัยเกษตรศาสตร์**
 - ภาควิชาวิทยาศาสตร์และเทคโนโลยีการอาหาร คณะอุตสาหกรรมเกษตร
 - ภาควิชาเทคโนโลยีชีวภาพ คณะอุตสาหกรรมเกษตร
 - ศูนย์วิศวกรรมวิทยาการอาหาร มหาวิทยาลัยเกษตรศาสตร์ (KU-FIRST)
- จุฬาลงกรณ์มหาวิทยาลัย**
 - ภาควิชาเทคโนโลยีการอาหาร คณะวิทยาศาสตร์
 - ศูนย์เชี่ยวชาญเฉพาะทางด้านวิศวกรรมและนวัตกรรมอาหาร คณะวิทยาศาสตร์
- สถาบันเทคโนโลยีพระจอมเกล้าเจ้าคุณทหารลาดกระบัง**
 - ภาควิชาวิศวกรรมอาหาร คณะวิศวกรรมศาสตร์
 - โครงการ EHEDG Thailand

ภาคอุตสาหกรรม

- Habla-Chemie GmbH (HABLA)
- PATKOL public Company Limited (PATKOL)
- บริษัทผู้ผลิตเครื่องดื่มในประเทศไทย

ข้อมูลการติดต่อ / Website link: www.SEA-ABT.eu

ผู้ประสานงาน
Dr. Gerhard Schilling
Hochschule Gelsenheim (HGU), Germany, Department of Food Science and Technology, Food Innovation Research and Services in Thailand (KU-FIRST)
Email: Gerhard.Schilling@hgu.de

ผู้ประสานงานในประเทศไทย
ดร. สัตว์ ตงชิตปุกดี
Department of Food Science and Technology, Faculty of Agro-Industry, Kasetsart University, Bangkok, Thailand 10913
Email: sastorn.tongchitpakdee@kmutl.ac.th
Funded by the Erasmus+ Programme of the European Union
ERASMUS+ 101014797-1-2019-1-SE-01PPAB-CH-GUP

4 Poster template



The South East Asia Academy for Beverage Technology (SEA-ABT)

Gerhard Schleining^{1*}, Sasitorn Tongchitpakdee², Chaleeda Borompichaichartkul³, Navapatttra Nunak⁴, Worapanya Suthanupaphwut⁵, Frank Will⁶, Paola Pittia⁷, Luis Mayor Lopez⁸, Reinhold Hable⁹, Knuth Lorenzen¹⁰ and Rainer Svecinka¹

¹BOKU - University of Natural Resources and Life Sciences Vienna, Austria; ²Kasetsart University, Thailand; ³Chulalongkorn University, Thailand; ⁴King Mongkut's Institute of Technology Ladkrabang, Thailand; ⁵RTKOL, Bangkok, Thailand; ⁶Hochschule Gelsenheim University, Germany; ⁷University of Teramo, Italy; ⁸ISEK - Food Association, Austria; ⁹HABLA Chemie GmbH, Germany; ¹⁰EHEOG, European Hygienic Engineering & Design Group

* Coordinators: gerhard.schleining@boku.ac.at

Currently Thailand lacks in capacities to supply the beverage industry with adequately trained students and qualified non-academic staff. Currently the Thai beverage industry trains their employees in house or in a limited number by Universities or overseas. A proper structured and sustainable collaborative concept for high quality continuing professional development (CPD) training for beverage technology is not established.

To overcome these gaps a consortium of Thai and European universities and companies of the beverage industry, will establish an independent joint Academy, with hubs in Thailand and EU, to enable a new sustainable collaboration between the partners for:

- continuing needs analysis
- developing and organizing new demand driven educational products for CPD and Higher Education
- using innovative pedagogical approaches and teaching tools

Special emphasis will be given also to hygiene and environmental aspects and skills like teamwork, critical thinking, entrepreneurial mindset, etc.

The developed educational products will be qualified according international standards and implemented in a postgraduate master, in existing curricula to have an optional focus in beverage technology with the option for double/joint degrees with EU universities.

European Universities

- University of Natural Resources and Life Sciences Vienna
- Hochschule Gelsenheim
- University of Teramo



Thai Universities

- Kasetsart University
- Chulalongkorn University
- King Mongkut's Institute of Technology Ladkrabang

Industry Partners

- Hable-Chemie GmbH
- RTKOL public Company Limited
- Non-alcoholic and alcoholic beverage companies in Thailand

Further Partners

- ISEK-Food Association
- European Hygienic Engineering & Design Group
- European University Continuing Education Network

Contact Detail / Website link: www.SEA-ABT.eu

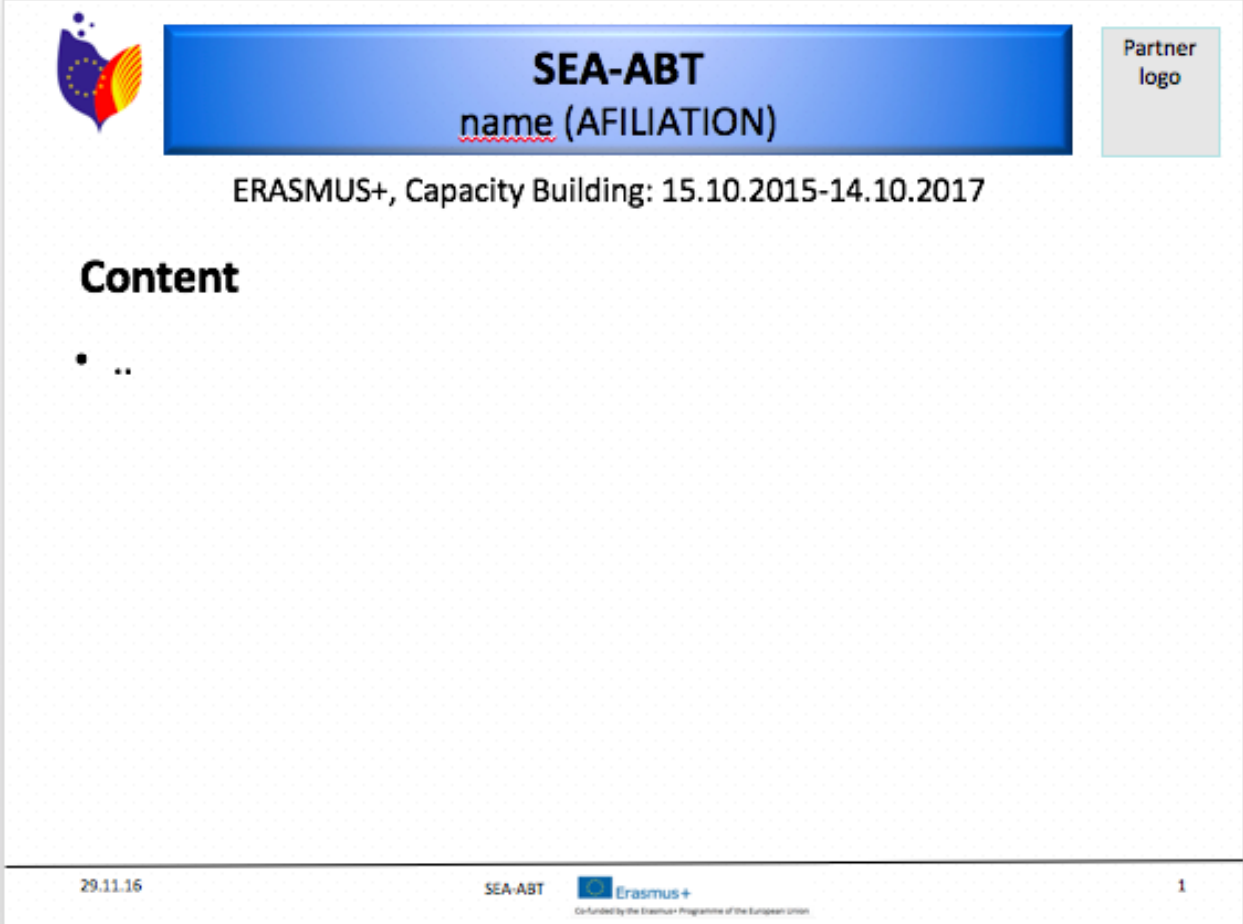
Coordinator:
Dr. Gerhard Schleining
BOKU - University of Natural Resources and Life Sciences, Vienna Department of Food Sciences and Technology, Food Physics Laboratory (Müllgasse 28, A-1150 Vienna / Austria)
E-mail: Gerhard.Schleining@boku.ac.at

Contact person in Thailand:
Dr. Sasitorn Tongchitpakdee
Department of Food Science and Technology, Faculty of Technology, Kasetsart University 23 Ngarmwong Road, Chaloengkrong 109, Thailand 10900
E-mail: sasitorn.t@ku.ac.th

Co-funded by the Erasmus Programme of the European Union
501815/ERPA/2015-LAT-ERPAUG08EUP

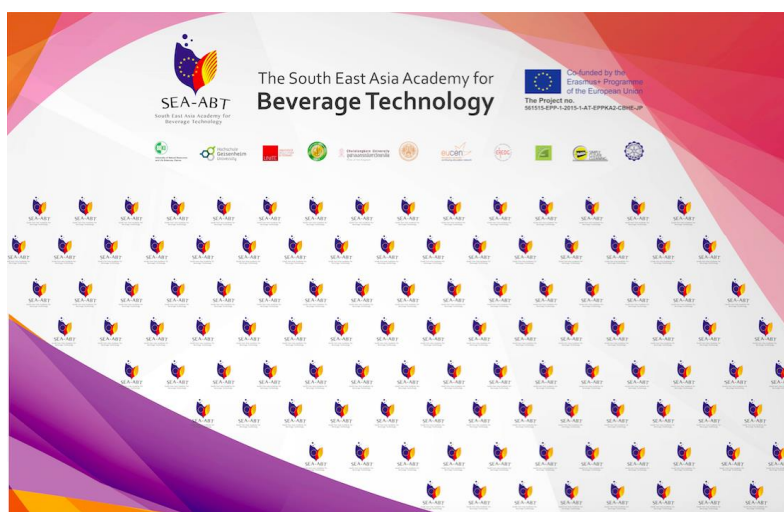


5 Presentation template



The slide is a presentation template for SEA-ABT. It features a blue header bar with the SEA-ABT logo on the left and the text "SEA-ABT name (AFILIATION)" in the center. To the right of the header bar is a grey box labeled "Partner logo". Below the header bar, the text "ERASMUS+, Capacity Building: 15.10.2015-14.10.2017" is displayed. The main content area is titled "Content" and contains a bullet point followed by two dots. At the bottom of the slide, there is a footer bar with the date "29.11.16" on the left, the SEA-ABT logo and Erasmus+ logo in the center, and the number "1" on the right.

6 Roll ups





SEA-ABT
South East Asia Academy for
Beverage Technology

The South East Asia Academy for Beverage Technology



Contact Detail
Coordinator : Dr. Gerhard Schleining
BOKU - University of Natural Resources and Life Sciences, Vienna
Department of Food Science and Technology
Muthgasse 18, A-1150 Vienna, Austria
E-mail: Gerhard.Schleining@boku.ac.at

Coordinator in Thailand: Dr. Sasitorn Tongchitpakdee
Department of Food Science and Technology
Faculty of Agro-Industry, Kasetsart University
191 Ngamwongwan Rd., Chatuchak, Thailand 10900
E-mail: sasitorn.t@ku.ac.th

www.SEA-ABT.eu

The Project no.
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Co-funded by the
Erasmus+ Programme
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This project has been funded with support from the European Commission. This publication Communication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.



SEA-ABT
South East Asia Academy for
Beverage Technology

Project Activities

- Analysis of needs for HE and CPD in the area of beverage technology (Stakeholders meeting: Feb 11th, 2016)
- Development of a 3-year certified postgraduate curriculum on Beverage Technology
- Development of certified CPD trainings courses based on the needs for example:
 - Quality and Safety Management
 - Wine Technology
 - Brewing Technology
 - Process and equipment design in food and beverage industry
 - Thermal Processing for beverage industry
 - Tropical and sub-tropical plant based beverages
- Train the trainers (Thai Universities)
- Standardization of curriculum and modules
- Establishment of the "Joint EU-SEA Beverage Academy"

Contributions and benefits of industry partners

- Help identify the needs of the industry
- Get involved in the development of HE and CPD training:
 - Help specify topics and learning outcomes (HE and CPD)
 - Identify topics for independent study (HE)
 - Host practical training (HE)
 - Guest lecture in specialized topics (CPD and HE)
 - Provide facilities (tours/laboratory practice/demonstration)
- Improving staff's skills through the training provided by the "Joint EU-SEA Beverage Academy" in Thailand
- Networking among stakeholders in the beverage sector including both academics and industries

www.SEA-ABT.eu

The Project no.
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Co-funded by the
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