

7TH EUROPEAN ALGAE INDUSTRY SUMMIT

26TH & 27TH APRIL 2017 / NICE, FRANCE



FORMERLY KNOWN AS 'THE EUROPEAN ALGAE BIOMASS CONFERENCE'

KEY TOPICS

- Global Updates on Algae Trade
- LCA and Techno-Economic Analysis
- Market Establishment with High Value Applications
- Cultivation - Efforts towards Economically Efficient Technologies
- Microalgae in Chemicals, Commodity & Speciality Feeds
- Waste Water Treatment
- Algae: The Future of Food?
- Advantages of Algae in Nutraceuticals & Cosmetics
- Industry Case Studies: What Can We Learn from Both Successes & Failures?

SPONSORS



**SPECIAL EABA
MEMBER DISCOUNT**



**QUOTE CODE
EAL7EABA TO CLAIM**

SITE VISIT

Camporosso APG Facility
Tuesday 25th April 2017

A day prior the event, a limited number of summit delegates will have a unique opportunity to join an exclusive site visit to the APG facility in Camporosso (Ligurian Riviera, Italy).

There is no extra charge to join the site visit, although places are limited and allocated to the summit delegates on first come first served basis. Therefore, we would strongly suggest to book your place early to avoid disappointment.



Commercial & Sponsorship Opportunities:
Hubert Sosnowski

+48 (0) 61 646 7059 or hubert@acieu.net

More Information & EABA/Early Bird Registration:
Dimitri Pavlyk

+44 (0) 203 141 0627 or dpavlyk@acieu.net

ACI's **7th Annual European Algae Industry Summit** (formerly known as "European Algae Biomass Conference") will take place on **26th & 27th April 2017** in **Nice, France**. The event will once again bring together senior executives from industry and academia to discuss the latest commercial and technical developments, challenges and research breakthroughs throughout the entire algae value chain.

The two day conference will bring together key players within the algae industry including leaders from food, feed, nutraceuticals, pharmaceuticals and cosmetics across the globe. The conference invites key algal biomass stakeholders to join our forum discussions and gain a deeper understanding on recent industry developments and, most importantly, economically viable commercial applications.

Key Topics

- Global Updates on Algae Trade
- LCA and Techno-Economic Analysis
- Market Establishment with High Value Applications
- Cultivation - Efforts towards Economically Efficient Technologies
- Microalgae in Chemicals, Commodity & Speciality Feeds
- Waste Water Treatment
- Algae: The Future of Food?
- Advantages of Algae in Nutraceuticals & Cosmetics
- Industry Case Study: What Can We Learn from Both Successes &

Who Will You Meet at This Event?

Algae cultivation plant owners and operators, algae end market users, leading algae/biomass research institutes, technology providers for cultivation, harvesting, dewatering, drying, oil extraction and processing, plant engineers and constructors, biofuel producers and green energy & biotech investors.

Host City of Nice

This year's event is going to Nice, France, offering our audience the opportunity to engage with not only international participants, but also local attendees from a rapidly growing market which offers enormous opportunity for business development.



Opportunities to Meet Your Target Audience

For information on available sponsorship and commercial opportunities, please contact:

Hubert Sosnowski on +48 (0) 61 646 7059 or hubert@acieu.net

EXCLUSIVE SITE VISIT - Camporosso APG facility 25th April 2017



During the afternoon of **25th April 2017**, a limited number of conference delegates will receive a unique opportunity to visit the APG Facility. Camporosso site is a fully integrated microalgae, energy and biorefinery plant, designed and developed to be an advanced sustainable production unit, energetically independent. Site planning criterion was to develop different technologies to obtain a flexible system suitable for the cultivation of several strains of microalgae maintaining sustainable concept.

There is no extra charge to attend the site visits, but spaces are limited and allocated on a first come first served basis. Please register your attendance for the site visits when booking for the conference.

For more information or to register your attendance please contact Dimitri Pavlyk on +44(0) 203 141 0627 or dpavlyk@acieu.net

Agenda Committee Members

- Peter Van Der Dorpel, CEO, **Algae Link NV**
- John Benemann, CEO, **MicroBio Engineering, Inc.**
- Federico G. Witt Sousa, Production Director, **AlgaEnergy**
- Syed Isa Syed Alwi, Managing Director, **Algaetech Group of Companies**
- Peter Ripplinger, CEO, **Subitec GmbH**
- Olivier Lepine, Management Team, **Algosource Technologies/ Alpha Biotech**
- Silvio Mangini, Technical Director, **Archimede Ricerche Srl**
- Sammy Boussiba, Professor Microalgal Biotechnology Laboratory, **Ben-Gurion University of The Negev**
- Silvia Fluch, Managing Director, Partner, COO, **Ecoduna Produktions-GmbH**
- Mario Tredici, Vice President & Professor, **European Algae Biomass Association**
- Jorg Ulmann, Managing Director / Scientific Project Manager, **Roquette Klotz**

Registration is Simple:

If you would like to register for this event or wish to find out more information, please contact **Dimitri Pavlyk** using any of the following methods:



+44 (0)203 141 0627



dpavlyk@acieu.net



<http://www.acieu.net>



Postal Address:

ACI Europe, 5/13 Great Suffolk Street, London, SE1 0NS

SITE VISIT

Tuesday 25th April 2017

Camporosso APG Facility
A limited number of summit delegates will have the unique opportunity to join an exclusive site visit to the Augusto Parodi Group facility in Camporosso (Ligurian Riviera, Italy)



- 12:00 Depart conference hotel
- 13:30 Arrive at Camporosso APG plant
- 13:45 Welcome & introduction to site philosophy
- 14:00 Tour of the facilities
- 15:30 Refreshments and question time
- 16:00 Depart Camporosso APG plant
- 17:30 Arrive at conference hotel

DAY 1

Wednesday 26th April 2017

08:00 REGISTRATION & COFFEE

08:45 CHAIRMAN'S OPENING REMARKS



Mario Tredici
Vice President
EABA

CONFERENCE SESSION

Global Updates on Algae Trade

09:00

Update on the New EU Novel Food Regulation and its Implications for the Algal Food Ingredient Industry

- From 1 January 2018 the current and much maligned Regulation (EC) No 258/97 on novel foods and ingredients will be replaced by a new Regulation (EU) 2015/2283
- This presentation will provide an update on the transition from old to new and what to expect and how to prepare in the coming months



Nigel Baldwin
Director Of Scientific & Regulatory
Consulting Europe
Intertek Scientific &
Regulatory Consultancy

09:30

Algae Standards: Work in Progress

- Update on progress of CEN Technical Board Working Group 218 "Algae" and creation of CEN Technical Committee Algae
- Prioritized items include strain identification, area calculation, algae lipids measurement, dry matter, terminology, and several technical reports including non-energy applications (e.g. food, feed, pharma, cosmetics and chemicals)



Silvio Mangini
Technical Director
Archimede Ricerche Srl

10:00

PANEL Q&A

10:15

CONFERENCE PRESENTATION

Biofixation of CO₂ from Industrial Flue Gases by Microalgae and its Transformation into Commercial Products: EU Life+ Project CO₂Algaefix

- Large scale production facilities
- Microalgae cultivation efficient technologies
- CO₂ capture and biofixation



Federico G. Witt Sousa
Production Director
AlgaEnergy

11:00

MORNING REFRESHMENTS

PANEL DISCUSSION

Market Establishment with High Value Applications

11:30

Presentation title to be confirmed



Syed Isa Syed Alwi
Group CEO
Algaetech Group Of
Companies

11:45

Microalgae in Novel Food & Nutraceuticals

- Application of microalgae products with specific health promoting ingredients in the health and wellness markets. Growing this new market segment. Increasing awareness and acceptance of microalgae products as everyday nutrition. Supporting by studies.
- Development of a novel class of nutraceuticals with specific anti-viral and anti-bacteriological properties based on microalgae derived ingredients.
- Development of microalgae-derived ingredients for application in the field of neurodegenerative diseases.



Alexandra Mosch
Managing Director
MIAL

12:00

Panel Discussion

12:30

CONFERENCE PRESENTATION

Industry Case Studies: What Can We Learn from Both Successes and Failures?



Peter van den Dorpel
CEO
AlgaeLink

13:15

LUNCH

14:15

CONFERENCE PRESENTATION

Bioethanol Producing Microalgae Process Viability Analysis



Dr Con Sheahan
Coordinator
DEMA Project

15:00

CONFERENCE SESSION TWO

Cultivation - Efforts towards Economically Efficient Technologies

Conception and Construction of Industrial scale PBR-cultivation Systems for Microalgae



Heikki Hyttinen
Head of Sales
Subitec

15:30

To Float or to Stick, An Emerging Paradigm Shift in Microalgal Biotechnology

- Porous Substrate Photobioreactors (PSBRs, Twin-Layer Systems) separate immobilized microalgae from the bulk of the culture medium by a microporous substrate
- They allow high productivities at low construction and operating costs
- An open system with minimal contamination risk
- A broad range of microalgal species can be grown
- Energy input for mass transfer and harvest is significantly reduced as well as water consumption
- There is no hydrodynamic shear stress due to biofilm self-organization very high light intensities can be applied
- PSBR's are at the forefront of an emerging paradigm shift in microalgal biotechnology



Michael Melkonian
Professor
Universität Zu Köln

16:00

PANEL Q&A

16:15

AFTERNOON REFRESHMENTS

16:45

CONFERENCE PRESENTATION

BIO4BIO Project Update



Luciano Falqui
Project Manager, BIO4BIO
Plastica Alfa

16:55

CONFERENCE SESSION THREE

Microalgae in Chemicals, Commodity & Specialty Feeds

The ALGAFEED Project:

Commercial Development of New Premium Quality Feeds for Aquaculture

- Developing premium quality feeds supplemented with microalgae, balanced, and with natural and functional properties
- Studying the beneficial functional effects in fish fed with feed made from microalgae and quality increase of the fish meat produced
- The use of microalgae as a source of bioactive compounds of high nutritional value such as PUFAS (EPA and DHA), minerals, vitamins and antioxidants
- Application of life-cycle assessment to new products



Manuel Tárraga
Project Development Director
BUGGYPOWER

17:25

High Value Products from Microalgae



Silvia Fluch
Managing Director, Partner,
COO
Ecoduna Produktions-GmbH

17:55

PANEL Q&A

18:10

CLOSE OF DAY ONE FOLLOWED BY EVENING DRINKS RECEPTION

DAY 2

Thursday 27th April 2017

08:30 REGISTRATION & COFFEE

09:00 CHAIRMAN'S OPENING REMARKS



Mario Tredici
Vice President
EABA

CONFERENCE SESSION FOUR Waste Water Treatment

09:05 Presentation title to be confirmed



John Benemann
CEO
MicroBio Engineering, Inc.

09:35 Microalgae in WWTP & the Added Value from the Concept of Industrial Symbiosis - The Kalundborg Symbiosis case



Per Møller
Project Manager
Kalundborg Kommune

10:05 Resource Recovery from Algae Grown in Wastewaters - Pathways to the Circular Economy



Frank Rogalla
Innovation And Technology
Director
FCC Aqualia

10:35 PANEL Q&A

10:55 MORNING REFRESHMENTS

CONFERENCE SESSION FIVE Algae: The Future of Food?

11:25 Fighting Malnutrition with Spirulina: Discussing the Potential, Impacts and Results



Javier Fernandez
Fundacion Atlantida

11:45 Algae in the Context of Novel Foods

- New novel food regulation
- Borderline issues
- History of consumption
- Traditional foods - notifications
- Extracts from algae like algae protein, algae oils - applications



Klaus Riediger
Senior Expert In The Official Food
Control
AGES- Austrian Agency For
Health And Food Safety

12:05 Presentation title to be confirmed



Ian Watson
Research: Algae Biodiesel
Production
University Of Glasgow

12:25 Presentation title to be confirmed



Jörg Ullmann
Managing Director / Scientific
Project Manager
Roquette Klötze

12:45 -Alver- Golden Chlorella- Tasty, Healthy & Sustainable Food

- Algae, this is the future of bringing nutrition back to our everyday foods in an ecological and abundant manner
- Alver Golden Chlorella is a high quality micro-algae high in protein, fibers, healthy lipids, vitamins and minerals
- Alver has created tasty foods such as soups, sauces, biscuits, cereals with natural tasting and neutrally colored Golden Chlorella
- Alver Golden Chlorella can end the worlds future food crisis



Mine Uran
CEO
Alver

13:05 PANEL Q&A

13:25 LUNCH

14:30 CONFERENCE PRESENTATION
Tubular Photobioreactors – Advantages of Glass vs. Polymer tubes and Industry Trends



Fritz Wintersteller
Director of Business
Development
SCHOTT AG

15:15 CONFERENCE PRESENTATION
Innovative Developments Using Microalgae in Human Nutritional Products



Olivier Lepine
Managing Director
AlgoSource Technologies

16:00 CHAIRMAN'S CLOSING REMARKS



Mario Tredici
Vice President
EABA

16:10 END OF CONFERENCE & AFTERNOON REFRESHMENTS

Registration

If you would like to register for this event or wish to find out more information, you can contact **Dimitri Pavlyk** using any of the following methods:

☎ +44 (0) 203 141 0627

@ dpavlyk@acieu.net

www <http://www.acieu.net>

🏠 Postal Address:
ACI Europe, 5/13 Great Suffolk Street, London, SE1 0NS

Registration is Simple

Conference Pass (Includes Documentation Packet) 26th—27h April 2017	£1,595.00 (ex.Vat)
Documentation Packet Only	£420.00

N.B. Members and customers of all supporting organisations are entitled to a discount off their conference package.

For more information please call **Dimitri** on +44 (0) 203 141 0627

Documentation Packet Available

You can purchase 7th European Algae Industry Summit papers at just £420. Simply tick the box on the booking form, send it with payment and your copy will be on its way to you after the meeting. This important manual will be a source of invaluable reference for the future.

Terms & Conditions

Payment

Payment must be received within five business days of returning the signed contract. After receiving payment a VAT receipt will be issued. If you do not receive a letter outlining details two weeks prior to the event, please contact the Conference Coordinator at ACI Europe Ltd.

Discounts are available for multiple/group bookings. Please call **Dimitri Pavlyk** on +44 (0) 203 141 0627

Cancellations

Substitutions are welcome up to 24 hours prior to the event. Cancellations must be received in writing no less than 3 weeks prior to the start of the conference; a full credit voucher towards a future ACI conference will be issued. Any cancellation received less than 3 weeks prior to the start of the event shall be deemed to be a breach of this contract by client, and accordingly, no credits will be given. Cancellations must be received in writing by mail or fax three weeks before the conference. Thereafter the full conference fee is payable. If for any reason ACI Europe Ltd decides to amend, cancel or postpone this conference, the conference fee will not be refunded. Furthermore, ACI Europe Ltd will not be responsible for covering airfare, hotel or other costs incurred by registrants. In the event that ACI Europe Ltd cancel or postpone the event, ACI Europe Ltd reserves the right to transfer this booking to another conference to be held in the following twelve months, or to provide a credit of an equivalent amount to another conference within the following twelve months. The construction, validity and performance of this agreement shall be governed in all respects by the laws of England to the exclusive jurisdiction of whose courts the Parties hereby agree to submit.

Accommodation

The cost of accommodation is not included in the event fee. Preferential rates will be arranged with or near the event venue, and all confirmed delegates will be given details of how to book accommodation at this rate

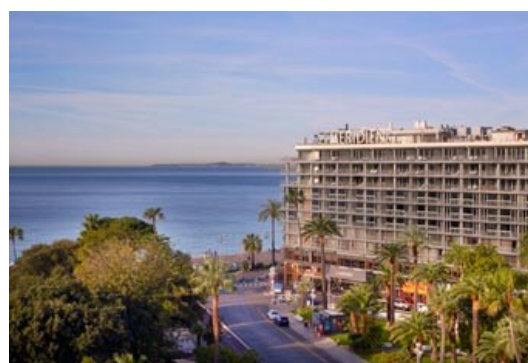
With Thanks to Our Partners:

biofuels international



Summit Venue:

Le Méridien Nice



1 Promenade des Anglais
Nice, 06046