



Revolution in Food and Biomass Production

High-tech strategy for a sustainable biomass supply
New conference, 1 – 2 October 2018, Maritim Hotel Cologne (Germany)

The new conference “**Revolution in Food and Biomass Production**” will showcase leading solution approaches from the wide range of the following topics:

- Precision farming, robotics, drones and Artificial Intelligence (AI)
- Biostimulants – nitrogen fixation, mycorrhiza, biopesticides
- Home, urban and vertical farming
- Agriculture under extreme conditions (desert, ice, outer space) and in combination with solar energy
- Gene editing – CRISPR/Cas9 and more
- Alternative protein sources – insects, bacteria, artificial meat and CO₂ utilization
- Future of organic and smallholder farming
- Mariculture or marine farming, algae and aquaculture
- Wood-based biorefineries for chemicals, materials and fibres



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Today's global agriculture has a bad reputation, it is often considered a problem rather than a solution. Desertification and loss of fertile soils, over-fertilization and eutrophication of soil and water pose high risks to biodiversity conservation and the food security. Extensive pesticide use with strong environmental impacts damage insect population and cause the death of bees. Agriculture is one of the biggest sources of greenhouse gas emissions.

The good news is that research and industry are working on solutions – we are on the brink of a high-tech revolution in production of food, feed and biomass in the future. The goals are to achieve significantly less resource consumption at more output, which would mean to strongly increase resource efficiency. In parallel, the negative impacts on ecosystems need to be minimized – human cultivation needs to find a new harmonious way to co-exist with nature.

For the first time in history, we understand in detail how a **healthy soil** works, what role bacteria and fungi play in the nutrient uptake of plants and trees. We know how to achieve healthy and productive soils with **biostimulants** while nitrogen-fixing bacteria will reduce the use of additional nitrogen. **Precision farming** with Artificial Intelligence (AI), robots and drones can help to fertilise and protect plants more efficiently and with lower environmental impacts. Latest **gene editing technologies** can improve plant ingredients and make better use of solar radiation with an updated photosynthesis system.

Marine farming means the cultivation of marine organisms for feed, food and other products in the open ocean and enclosed sections of the ocean, in tanks, ponds or raceways filled with seawater. **Forestry** will supply a wide range of chemicals and bio-based products in biorefineries, including environmentally friendly textile fibres.

With **indoor farming** in our kitchens and **vertical farming** on an industrial scale, healthy food can be produced efficiently and locally. **Insects, algae and bacteria** can be used to develop new sources of protein. Bacteria can even digest CO₂ to produce feed proteins for aquaculture. **Organic farming** as well as smallholders will also strongly benefit from many of these new developments and increase their efficiency while respecting their original ideals and principles.

Food and biomass production will be possible even under the most extreme conditions: In dry areas, **“greening the desert”** will become reality through solar technology, deep water or desalination plants as well as hydroponics. In the **icy north**, productivity can be increased through LED lighted greenhouses and some technologies will even enable food production in space stations, **on the moon and on Mars**.

The conference “Revolution in Food and Biomass Production” will bring together for the first time all future-oriented experts from companies, start-ups and research to have a look at the future of food and biomass production. What high-tech strategies are emerging on the horizon to sustainably supply a growing world population? The conference gives a unique opportunity to meet the pioneers and forerunners of the future of food and biomass production.

Be part of the revolution!

Why attend?

- First and most comprehensive conference in Europe on the topic of food and agriculture revolution
- Excellent networking opportunities, including matchmaking tool
- Maximise your visibility through the exhibition, advertisements or sponsoring opportunities

Call for Papers

You are welcome to present your latest products, technologies or successful research results in one of the topics covered by the sessions mentioned above. Please bear in mind that all participants are experts and specialists within this field. The time for presentations will be about 20 minutes. Please send your proposal in a free form in 1/4 of a page to Tatevi Babayan.



Get involved – feed the revolution

Conference accompanying special services

With nova-Institute's outstanding reputation, long-time experience in conferences and a distribution list of around 100,000 professional, individualised addresses you can be sure that your target groups will be reached efficiently.

Exhibition

Seize this opportunity to present your latest products, technologies and developments at the conference. Book your booth (6qm) now including a table, pin board and a chair for only 2,000 EUR (plus 19% VAT). You are welcome to use your own booth system. For reservations please contact Dominik Vogt.

Sponsoring

Join us as a sponsor and find a range of sponsorship options which provide you with maximum visibility and impact at the conference. We are also open to new ideas and would be delighted to help you realising them. All you need to do is contact us if one or more of these options appeal to you or if you would like to put forward a proposal of your own!

Partnership

nova-Institute provides opportunities for close cooperation with major trade associations and research institutions that are thematically linked to the conference. The partnerships serve mutual support and are free of charge.

Media partnerships

nova-Institute is looking for media partnership agreements with publishers of major trade magazines, newspapers and online media who are professionally affiliated with the conference topics.

Advertisement

All nova conferences are accompanied by a professional conference leaflet and journal – both as digital edition as well as hard copy. You have the opportunity to advertise your product and company through these vehicles. Maximise your visibility – the digital edition of the leaflet is being sent out to more than 35,000 recipients per e-mail blast! For your ad, please contact Dominik Vogt.

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CONFERENCE SPONSORING OPPORTUNITIES

Revolution in Food and Biomass Production

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	PLATIN SPONSOR	GOLD SPONSOR	SILVER SPONSOR	BRONZE SPONSOR	"Lunch" package	"Gala Dinner Buffet" package	"Sparkling Wine Sponsoring" for happy hour at 18:00
Availability	Only one	Three	Six	Several	Day 1 & 2	Only one	Day 1 & 2
Visibility in marketing	<ul style="list-style-type: none"> • Exclusive visibility • Press releases • Online marketing • At the conference 	<ul style="list-style-type: none"> • Press releases • Online marketing • At the conference 	<ul style="list-style-type: none"> • Press releases • Online marketing • At the conference 	<ul style="list-style-type: none"> • Press releases • Online marketing • At the conference 	At the conference	At the conference	At the conference
Roll-up banner	Two – one on each stage of both conference halls	In one conference hall	In one conference hall	–	At buffet	At buffet	At buffet
Pages for company profile in journal online and print*	2 Pages	1 Page	1/2 Page	1/4 Page	–	–	–
Free entrance tickets à 1,475 €	👤👤👤👤👤	👤👤👤	👤👤	👤	–	–	–
Free exhibition booth	12 m ²	6 m ²	6 m ²	6 m ²	–	–	–
20% voucher for your customer's entrance	20	10	7	5	–	–	–
Company presentation during breaks	Video or PowerPoint	Slide Display (PowerPoint)	Slide Display (PowerPoint)	–	Table signs	Table signs	At buffet
Your company leaflets	Media table	Media table	Media table	Media table	At buffet	At buffet	At buffet
Price in EURO	25,000 €	10,000 €	7,000 €	4,500 €	2,000 €	2,000 €	2,000 €
Calculatory sponsoring costs after subtraction of benefits**	9,625 €	1,575 €	1,050 €	425 €			
Your choice	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

* You are also welcome to book an advertisement in the conference journal:

1 page DIN A 4: 2,000 € ½ page: 1,000 € ¼ page: 600 €

Book your exhibition booth:

6 m²: 2,000 €

(prices excl. 19% VAT)

** Note: The actual "pure" sponsoring costs are very attractive, providing an excellent cost benefit ratio. The total costs are set off by the services listed in the table e.g. free entrance tickets, exhibition booth and page(s) in the conference journal, resulting in much lower "net sponsoring costs".

Entrance Fee

Conference incl. Catering plus 19% VAT

Both Days 1-2 October 2018	1,475 €
1st Day 1 October 2018	980 €
2nd Day 2 October 2018	680 €

Company name: _____

Street or POB: _____

Postal code, city: _____

Contact person: _____

Email address: _____ Phone: _____

Date

Company stamp and signature



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