



GLOBAL FOOD SUMMIT

FOOD FOR A TRANSFORMING SOCIETY
BERLIN, 29 & 30 NOV 2017

12. September 17

Seite 1 | 6

Global Food Summit Berlin 2017 Food for a transforming Society

(Draft Version - effective 12 Sept 2017)

From Speed-Evolution to Food-Revolution

29/30 November 2017, Berlin

Innovation, financial investments and regulation define the radical changes in the food industry. With our conference we contribute to the societal discourse in order to shape this profound change in a positive way.

Mission:

Due to the ongoing urbanization, an increasingly aging society and the implementation of the idea of sustainability in every single process the demands in our diet and food supply undergo radical changes.

At the same time, significant investments in research for food innovations bring about almost revolutionary changes in food supply.

To guarantee the acceptance and the implementation of the compiled research results, this global, socio-technological transformation process needs to be facilitated by a public discourse. There is no other way to accomplish a sustainable food supply for nine billion people in the future.

Day 1 | Start: 3.00 p.m.

3.30 p.m.

OPENING STATEMENT

Prof. David Zilberman, Holder of the Robinson Chair at the Department of Agricultural and Resource Economics at UC Berkeley & Curator Global Food Summit

"Technology, Policy and Ethics - drivers of a Change in Food"

3.45 p.m.

"Share Knowledge, Share Food"

The EU and Western countries have both innovative and financial strength as well as the technologies for large, disruptive changes in food economics. Often, however, these changes are rejected by the societies. At the same time, many

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countries or entire continents, such as Africa, remain cut off from such developments and from access to innovations or technology. They neither have sufficient funding nor the necessary infrastructure. How can innovations improve the global standard of living for all, make it accessible to all and thus reach the SDG 2030?

12. September 17

Seite 2 | 6

Speaker:

- **Kostas G. Stamoulis, Assistant Director-General, FAO, Rome**
„FAO- Rules for a healthy an secure global nutrition“
- **Samuel Sternberg, Biochemist & Group Leader at Caribou Biosciences, USA**
„The Gene-Editing Revolution and its Impact on Agriculture“
- **Dr. Mahmoud El-Solh, Former Director General, ICARDA, Lebanon**
„The Role of Plant Genetic Resources in Enhancing Food Security in a Changing Environment“
- **Binta Iliyasu, Biochemist & Laureate of Berkeley Beahrs Leadership Program, Nigeria**
„Breaking the Gender Barrier: Empowering Young Women to Achieve Food Security in Africa“

Discussion / Moderation:

- **Annette Weisbach, CNBC Europe**

7.00 p.m.

Dinner with Dinner Speech at the Parlamentarische Gesellschaft (tbc)

„Technological progress shapes our future“

Research and science are finding less and less attention in Western media, while moral indignation and feelings of anxiety about the future characterize the communication. If we take the sustainability goals seriously, the balance between the precautionary principle and the readiness to innovate has to be reestablished.

Federal Minister Christian Schmidt (tbc)

Federal Ministry for Food and Agriculture



Day 2 | Start 9.00 a.m.

9.00 a.m. Keynote:

“Rich or Poor? ”

Drought, epidemics and hunger: The hostages of the history of mankind are largely banned today. At the beginning of the 21st century, a person rather dies of age weakness than of hunger. The history of mankind is also a history of increasing control gain over nature. And our (bio-) technical and digital possibilities lead us to a new degree of self-empowerment. How do we use the new power of the possible in a responsible and sustainable manner?

- **Statement German Cultural Council**
- **Dr. Ellen de Brabander, Interim CEO, European Institute of Innovation and Technology (EIT), Brussels**
„EIT Food: THE catalyst for the transformation of the way we produce, consume and value our food“

09.30 a.m. Session 1:

“Attention creates growth”

We are on the threshold from a material-based to a knowledge-based world. In order to create this knowledge, a socially open, future-oriented and risk-based economic culture is necessary. Biotechnology, based on digital development, is the key technology of the future. While US biotechnology companies are constantly breaking new records in stock market launches and financing volumes, the German biotech industry marks time for more than a decade. For comparison: Germany was pleased about funds of around 505 million Euros in 2016, while at the same time 7.7 billion US Dollar of venture capital was invested in biotech in the USA. In the Global Competitiveness Report 2016/17 of the World Economic Forum, Germany has backdropped to fifth place. Does the transformation towards the knowledge-based society take place without Germany and Europe?

Speaker:

- **Prof. Dr. Michael Hüther, Cologne Institute for Economic Research**
“The German Case: How a Knowledge-Based Economy Manages the Digital Transformation”
- **Dr. Michael Metzloff, Vice President Science Relations, Bayer AG**
“Biotech Research versus Biotech Products – A Prosperity Related Clash?”

10.30 a.m. Coffee Break



- **Krijn Poppe, Senior Economist Wageningen Economic Research**
"Bytes for Breakfast: Building sustainable food chains in the digital age"

Discussion / Moderation

- **Prof. Dr. Justus Wesseler**
University of Wageningen & Curator Global Food Summit

12.00 a.m. Session 2:

"Expect the Unexpected"

A lot of unexpected things lie ahead of us: From agriculture from the test tube to agricultural systems with closed energy and material cycles, which no longer pollute air, soil and water. Thereby, we produce enough food and bio-based materials. Are these the sustainable ways to a diet without a bad conscience? And how will these products be accepted in societies?

- **B. Michael Binder, Director Sustainability Development, Evonik Nutrition & Care**
"Circular Farming in livestock production -from simple food to lifestyle nutrition"
- **Ulrike Raible, Attorney at law and underwriter**
"New Risks – Innovative Solutions. Expect more than insurances from us"
- **Jingang Shi, CEO EPC Natural Products Co Ltd., Peking**
„The power of herbs – food additives for a balanced nutrition“

1:00 p.m. Lunch break

2.00 p.m. Session 3:

"Regional versus urban food"

Modern cities are the engines of the knowledge economy. San Francisco Downtown by itself is attracting more capital than any other nation in the world. The young people are no longer fascinated by natural, rural resources, but by attractive, knowledge-based and highly specialized professions. This leads to innovation and economic growth. Agriculture is adapted to this lifestyle. The future urban societies are looking for new production centers close to the cities with short and eco-friendly channels of supply for food. Cities are "cultural game-changer". How can new infrastructure solutions and "urban agricultural products" serve these urban centers? And does this development support or jeopardize the achievement of sustainability goals SDG 2030?



Speaker:

12. September 17

Seite 5 | 6

- **Prof. Dr. Angelika Schnieke, Chair of Livestock Biotechnology, TUM Weihenstephan**
"The new pig on the block"
- **Timo Bongartz, Innovation Manager Horticulture Business, Osram GmbH**
"Controlled Environment Agriculture (CEA) – Potential relevance for our future food supply"
- **Prof. Dr. Matin Qaim, World Food Economy, University of Göttingen**
"Globalization, Urbanization, and Nutrition Security in Africa"

Discussion / Moderation

- **Stephan Becker-Sonnenschein (confirmed)**
Global Food Summit, Berlin

3.30 p.m. Coffee Break

4:00 p.m. Session 4

„Speed Evolution“

The German economy lives on the companies and inventions of the late 19th century. Nowhere else are there so many century-old, successful companies as in Germany. Even European food communication seems to stem from this time: Commercials focus on renowned products and innovations from the research departments are hardly ever communicated. At the same time, farmers, the food industry and the trade are in a technological transition. The sociopolitical discourse, however, takes place without the industry. So how does a communication road map for a cultural change in the knowledge society look like?

- **Dr. Martijn Gipmans, Principal Consultant Chemicals & Life Science, Thinkstep AG**
„The metrics of good food“
- **Max Kultscher / Baris Özel, Bugfoundation, Osnabrück**
"New professional profiles & new products: insect proteins as business model"
- **Fabian Riedel, Managing director & founder Crusta Nova GmbH**
"Aquaculture 2.0: Land-based shrimp farming in the urban area"

Closing Summary Curators: David Zilberman, Justus Wesseler and Stephan



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Seite 6 | 6

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