



Federal Ministry
of Food
and Agriculture

GLOBAL
FORUM OF FOOD
AND
AGRICULTURE

PROGRAMME

Global Forum for Food and Agriculture 2017

Agriculture and Water –
The Key to Feeding the World

19 - 21 January 2017



bmel.de



Global Forum for Food and Agriculture (GFFA)

The Global Forum for Food and Agriculture (GFFA) is an international conference that focuses on central questions concerning the future of the global agri-food industry. It is held during the International Green Week (IGW) and will be taking place in its current form for the ninth time. The Forum gives representatives from the worlds of politics, business, science and civil society an opportunity to share ideas and enhance political understanding on a selected topic of current agricultural policy within the context of food security. The GFFA is organised by the Federal Ministry of Food and Agriculture (BMEL) in cooperation with the Senate of Berlin, Messe Berlin GmbH and GFFA Berlin e. V.

Under the title “Agriculture and Water – Key to Feeding the World”, the forum will discuss what role agriculture, as a large user of water, can play worldwide in the sustainable stewardship of water as a valuable resource and in maintaining water quality, how it can be ensured that agriculture has access to water, and hence can provide the global population with food, given the increasing competition over water usage and how agriculture can contribute its considerable potential regarding the use of water towards political processes at international level.

The many events carried out under the GFFA 2017 are intended to provide impetus for future developments in the area of “Agriculture and Water” on the international level.



The participants of the Berlin Agriculture Ministers' Conference 2016

Programme Overview

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15:30 - 17:30	Expert Panel Discussions CityCube Berlin, M1-M8 – Level 3	page 10
From 18:00	Opening Event of the International Green Week and GFFA 2017 CityCube Berlin, Hall B – Level 2 <i>(by personal invitation only)</i>	
From 20:00	Reception for foreign guests Exhibition grounds, Hall 23 a <i>(by personal invitation only)</i>	

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Preface



Ladies and Gentlemen,

We are all directly aware of the water we use and benefit from in our daily lives, whether we are drinking it or cooking with it. However, we use far more water indirectly via our food. It takes roughly 3,000 litres to produce the amount of food that each person eats daily. This underlines the enormous need that agriculture has for water in order to fulfil its role as the producer of our food.

The global population continues to rise dramatically and hence so do the requirements for productivity in the agricultural sector. According to estimates by the World Food Organisation FAO, agriculture will need to produce 60% more food worldwide by 2050. At the same time, we know that usable water is a limited resource. Competition over the use of water is already intensifying in some regions of the world. This is a risk to the economic development, social development and political stability of the countries concerned. Ongoing climate change will only serve to exacerbate this development.

Agriculture faces the task of producing more food with less water. It must find ways of managing the important resource of water more efficiently and more sustainably. And at the same time it must become more resilient in order to be able to cope with droughts and floods. This requires concerted efforts! Industry, academia, civil society and political decision-makers must work together to develop solutions for ensuring agriculture's access to water. Only in this way will agriculture be able to continue to meet its role as the provider of the global population.

At the 9th Global Forum for Food and Agriculture (GFFA), hosted by the Federal Ministry of Food and Agriculture in cooperation with the Berlin Senate and Messe Berlin GmbH, and in close partnership with the German agricultural and food industries, represented by GFFA Berlin e.V., I aim to work together with you to progress the debate on "Agriculture and Water – Key to Feeding the World" and develop potential solutions. Since its inception, the GFFA has established itself as an international conference that provides policymakers, industry, academia and civil society with an opportunity to engage in an intensive debate on the future of the global agri-food sector.

The outcome of the various GFFA events will provide guidance for the Berlin Agriculture Ministers' Conference, the largest international conference of agriculture ministers in the world. The final communiqué adopted by the Agriculture Ministers' Conference will subsequently be fed into and enrich international agricultural policy discussions and processes.

I would like to cordially invite you to join in the discussions and meetings and help enhance the GFFA with your ideas!

With very best wishes,

Christian Schmidt, Member of the German Bundestag
Federal Minister of Food and Agriculture



Global Forum for
Food and Agriculture Berlin 2016

The German agricultural and food industries established the GFFA Berlin e.V. Association with the aim of joining forces with policy makers, academia and civil society to address current and future-orientated issues relating to food security. The subject of our International Business Panel Discussion is “Water, Food and Agriculture. Challenges for Farmers and Agribusiness”.

Federal Minister Schmidt, who has once again agreed to act as patron, will open the International Business Panel Discussion by reporting on the results of the Berlin Agriculture Ministers’ Conference. We welcome the chance to use the International Business Panel Discussion to continue the debate conducted during the Berlin Agriculture Ministers’ Conference on a highly charged topic relating to food security.

Based on current estimates, there will be an additional 2 billion people to feed by the year 2050. The general view is that this goal can be achieved if the required funds are invested worldwide in increasing the productivity of food production. At the same time, the natural resources of soil and water will have to be better protected and used more efficiently than has been the case hitherto. Agriculture uses around 70% of the globally accessible water, and demand outside the agricultural sector is rising dramatically; it is consequently already vital, and for many people of existential importance, to use water carefully and sustainably.

We would therefore like to discuss these issues with internationally renowned policy makers, scientists and practitioners to determine what the agricultural and food industries can do to use water carefully and sustainably while not putting the goal of food security at risk.



We very much look forward to being able to welcome you to Berlin in January 2017.

The founding Members are:

- Federation of German Food and Drink Industries (BVE)
- German Farmers’ Association (DBV)
- German Agricultural Society (DLG)
- Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
- Committee on Eastern European Economic Relations (OA)


Dr. Wolfgang Ingold
BVE Chairman


Carl-Albrecht Bartmer
DLG President


Joachim Rukwied
DBV President


Torsten Spill
Chairman Agribusiness Alliance at the
Committee on Eastern European Economic Relations


Tanja Gönner
Spokeswoman of the
Management Board, GIZ



Impressions of GFFA 2016



Kick-off Event



Cooperation
Market



International
Business Panel
Discussion
hosted by the
GFFA Berlin e.V.

For further information please visit:
www.gffa-berlin.com

Kick-off Event

Thursday, 19 January 2017

14:00 – 15:15

CityCube Berlin,
Hall A1 - Level 1

de/en/esp/fr/pt

The kick-off event officially marks the launch of the Global Forum for Food and Agriculture (GFFA) that, in 2017, will address the issue “**Agriculture and Water – Key to Feeding the World**”. The event gives an introduction to the GFFA subject and thus establish the basis for the diverse expert discussions that will be held in a wide variety of event formats in the days to come.

The centrepiece of the kick-off event is a moderated panel discussion that, this year, will look at what role agriculture plays in the sustainable stewardship of water, which responsibility and challenges it faces and, given the increasing scarcity of water, how it can fulfill its role to provide the global population.

Welcoming Address **Peter Bleser**
Parliamentary State Secretary of
the Federal Ministry of Food and Agriculture
(BMEL)

Margit Gottstein
State Secretary, Senate Berlin, Justice and
Consumer Protection and anti-discrimination

Panellists **Greg Koch**
Senior Director of Global Water Stewardship,
Coca-Cola Company

Dr. Claudia Ringler
Deputy Division Director, Environment and
Production Technology Division of International
Food Policy Research Institute (IFPRI)

Marilene Alves de Souza
Centro de Agricultura Alternativa do Norte de
Minas Gerais (CAA)

Facilitator **Katie Gallus**
Geographer and presenter

Available event languages are German, English, French, Spanish and Portuguese.

For further information please visit:
www.gffa-berlin.com

Expert Panel Discussions

Thursday, 19 January 2017

12:30 – 18:30 CityCube Berlin, Cube Café – Level 2

Business lounge

15:30 – 17:30 CityCube Berlin, Room M2/M3 – Level 3 de/en

From toilet to table: how wastewater can contribute to food security

Organiser FAO Regional Office for Europe and Central Asia
Co-Organiser UN-INWEH; UNESCO-IHP;
Leibniz Research Alliance

15:30 – 17:30 CityCube Berlin, Room M4/M5 – Level 3 de/en/ru

Everything flows? Water as decisive resource and factor for agriculture in Eastern Europe and Central Asia

Organiser German Agribusiness Alliance, Committee on Eastern European Economic Relations
Co-Organiser Leibniz Institute of Agricultural Development in Transition Economies (IAMO)

15:30 – 17:30 CityCube Berlin, Room M8 – Level 3 de/en/pt

Water Stressed World – The Burden of Agriculture

Organiser Bread for the World
Co-Organiser Forum fairer Handel; Forum Umwelt und Entwicklung (FuE); Agrarbündnis; Misereor; Waterlex

15:30 – 17:30 CityCube Berlin, Room M1 – Level 3 de/en

Innovative regional and national approaches to efficient water use in agriculture in Africa

Organiser German-African Business Association
Co-Organiser German Agribusiness Alliance

15:30 – 17:30 CityCube Berlin, Room M1 – Level 3 de/en

Blue Planet Dialogue: Sustainable Solutions for Water and Food Production

Organiser Federal Ministry for Environment, Nature Conservation, Building and Nuclear Safety
Co-Organiser Senate Departement for Economics, Technology and Research, Berlin;
German Water Partnership e. V.

For further information please visit:
www.gffa-berlin.com

Expert Panel Discussions

Friday, 20 January 2017

9:00 – 19:00 CityCube Berlin, Cube Café – Level 2

Business lounge

10:00 – 12:00 CityCube Berlin, Room M6/M7 – Level 3 de/en

Agriculture and groundwater-Feeding billions from the ground up

Organiser Organisation for Economic Cooperation and Development (OECD)
International Food Policy Research Institute (IFPRI)

10:00 – 12:00 CityCube Berlin, Room M4/M5 – Level 3 de/en/fr

Integrated Land and Water Management – Cornerstone to a World without Hunger

Organiser Federal Ministry of Economic Cooperation and Development (BMZ)
Co-Organiser Deutsche Gesellschaft für internationale Zusammenarbeit (GIZ) GmbH

10:00 – 12:00 CityCube Berlin, Room M8 – Level 3 de/en/fr

From Words to Action – Aligning Agricultural and Water Policies to the Sustainable Development Goals

Organiser Deutsche Welthungerhilfe e. V.
Co-Organiser Katholische Landvolkbewegung (KLB)

10:00 – 12:00 CityCube Berlin, Room M2/M3 – Level 3 de/en

Water and Agriculture in South Asia: Strategies for innovative, sustainable and realistic ways of managing water resources

Organiser German Agribusiness Alliance at OAV - German Asia-Pacific Business Association

10:00 – 12:00 CityCube Berlin, Room M1 – Level 3 de/en

Three sides of one coin: Agriculture and Water in China

Organiser German Agribusiness Alliance at OAV – German Asia-Pacific Business Association
Co-Organiser Leibniz Institute of Agricultural Development in Transition Economies (IAMO)
Sino-German Agricultural Center (DCZ)

For further information please visit:
www.gffa-berlin.com

High Level Panels

The international organisations FAO and the European Commission are holding their own High Level Panels during the GFFA which will focus on specific aspects of this year's main theme. The results of the two High Level Panels will feed directly into the Berlin Agriculture Ministers' Conference and the final communiqué.

Friday, 20 January 2017



14:00 – 16:00 CityCube Berlin, Hall A1 – Level 1 de/en

Agricultural leadership in a water scarce world

Organiser Food and Agriculture Organization of the United Nations (FAO)

From California to China's Eastern provinces, from Jordan to the Southern tip of Africa, large parts of the world are struggling with water scarcity. In 2016, the World Economic Forum ranked water crises as the risk of highest concern for the next ten years - with significant implications for people and the global economy. Depending on how we manage it, "water" can significantly contribute or impede the achievement of both the 2030 Agenda for Sustainable Development and the Sustainable Development Goals (SDGs), and the Paris Agreement under the United Nations Framework Convention on Climate Change (UNFCCC).

As the largest water user globally and a major source of water pollution, agriculture holds the key to tackling the looming water crises head-on and to shift towards more sustainable water management. It also plays a crucial part in producing climate benefits. The High-Level Panel will discuss different options to deal with water scarcity for sustainable food and agriculture systems. Recognising that governments, private sector and civil society all have a role to play in addressing the issue, it will further explore what leadership different agricultural actors can offer in coping with water scarcity.

For further information please visit:
www.gffa-berlin.com

Friday, 20 January 2017



14:00 – 16:00 CityCube Berlin, Hall A2 – Level 1 en/de/esp/fr

Meeting the Twin Challenges: Food security and water management

Organiser European Commission

Without a clean water supply for farmland there can be no food security. In less than four decades, there will be 9 billion mouths to feed, in a world with limited freshwater resources, and the need to satisfy other societal and environmental water needs.

On top of the unprecedented population pressure, climate change will have effects on global and local water distribution and increase extreme weather events, such as floods and droughts. That could threaten vulnerable agriculture systems all over the world, facing new water supply and water quality challenges.

Sustainable water management, as targeted by SDG 6, requires an agriculture able to enhance farming productivity while reducing effect on its availability and quality.

These developments require a rethink of how water management for agriculture fits in sustainable development strategies, globally. Already strides are being made in tackling this issue.

Phil Hogan, European Commissioner for Agriculture and Rural Development will host this ministerial level debate. This panel focuses on an active engagement with all participants and the audience with the aim of identifying appropriate policy responses and best practice examples in view of tackling enormous global challenge of water and sustainable agriculture.

For further information please visit:
www.gffa-berlin.com

Berlin Agriculture Ministers' Conference

Saturday, 21 January 2017

9:00 – 12:30 Federal Foreign Office

The Berlin Agriculture Ministers' Conference (closed to the public) will again take place in the Weltsaal of the Federal Foreign Office in 2017. It will bring together politicians from all over the world to discuss the subject of “**Agriculture and Water – Key to Feeding the World**”. A final communiqué of the conference will formulate the Agriculture Ministers' joint position and will feed into the international agricultural debate.



Joan Clos, Christian Schmidt, Hiromichi Matsushima and Niu Dun as Christian Schmidt hands over the final communiqué

For further information please visit:
www.gffa-berlin.com

International Business Panel

Saturday, 21 January 2017



14:00 - 16:00 Deutsche Telekom's Representative Office de/en
(by personal invitation only)

Water, food and agriculture: Challenges for farmers and agribusiness

- Welcome Address **Carl-Albrecht Bartmer**
GFFA e.V.
- Opening Statement **Christian Schmidt**
Federal Minister for Food and Agricultural
- Keynote **Dr. Ashok Gulati**
Indian Council for Research on International Economic Relations
- Panellists **Han Changfu**
Minister of Agriculture of the People's Republic of China
- Thomas Böck**
CLAAS Group
- Rodger Voorhies**
Bill & Melinda Gates Foundation
- Ertharin Cousin**
Executive Director United Nations World Food Programme (WFP)
- Facilitator **Dr. Amrita Cheema**
International Journalist and Facilitator

From 16:00 Deutsche Telekom's Representative Office de/en
(by personal invitation only)

Reception hosted by the German agri-food industry

- Organiser GFFA Berlin e.V.
Phone: +49 30 200 786 180
E-mail: info@gffa-wirtschaft.de

For further information please visit:
www.gffa-berlin.com

Exhibitors at the Cooperation Market

ADT Projekt GmbH

AFC Consultants International GmbH

AgrarKontakte International e.V. (AKI)

AHT GROUP AG

AMAZONEN-Werke H. Dreyer GmbH & Co.KG

Andreas Hermes Akademie

Federal Office for Food and Agriculture

DEULA

BVVG German AgriForest Privatisation Agency

CLAAS Global Sales GmbH

DEULA-Nienburg Ltd.

German Farmer's Association

German-Russian Agricultural Policy Dialogue /Ekosem Beratung GmbH

DLG International GmbH

DLG Ukraine

EkoNiva Group of Companies

Food and Agriculture Organization of the United Nations (FAO)

Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

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Green Rio - Green Latin America

HiProAgri Training Africa (Pty) Ltd.

HiProAqua Vertriebsgesellschaft UG

Nuertingen-Geislingen University

Weihenstephan-Triesdorf University of Applied Sciences

IAK Agrar Consulting GmbH

ICON-INSTITUTE GmbH & Co. KG

IFWexpo Heidelberg GmbH

Cultivating Good Water

LEMKEN GmbH & Co. KG

NETZ Ingenieurbüro GmbH & Tec GmbH

Rauch Landmaschinenfabrik GmbH

The Regional Rural Development Standing Working Group (SWG) in

South East Europe

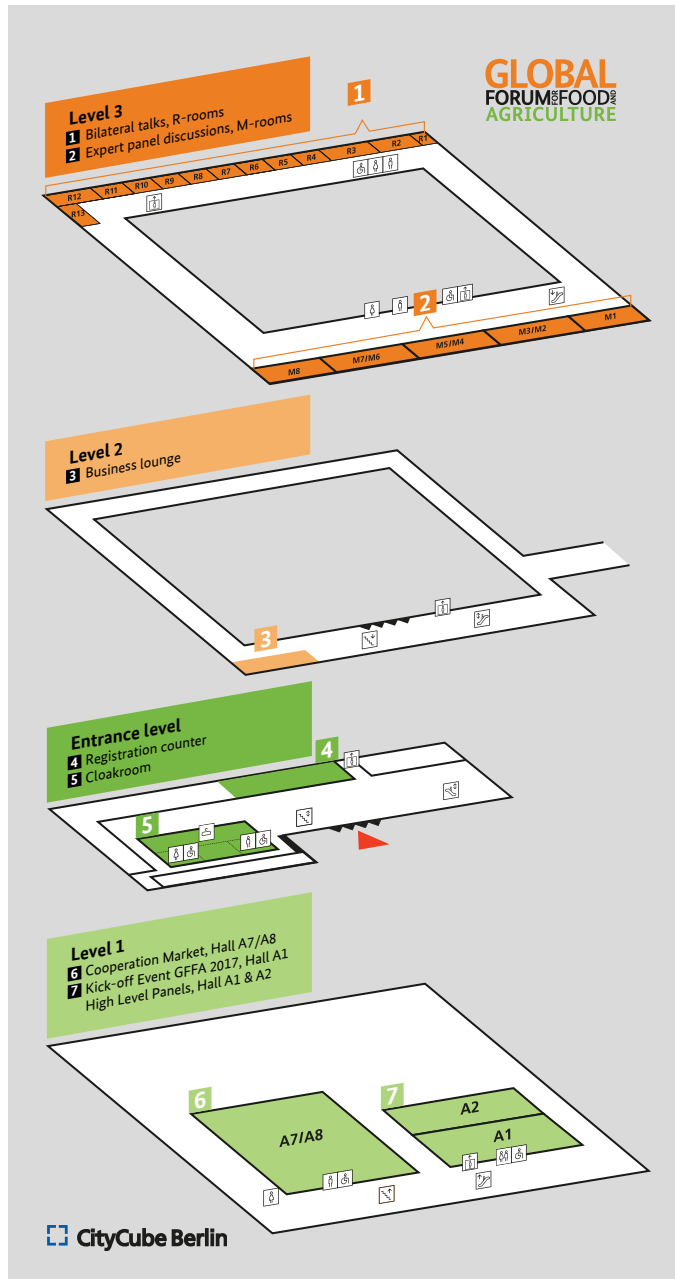
RIELA Karl-Heinz Knoop e.k.

ROSAGROMASH ASSOCIATION

University of Hohenheim, Food Security Center

For further information please visit:
www.gffa-berlin.com

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