



**Directorate General for Agriculture and Rural Development
European Commission**

**Pre-conference event of the ICAE co-organised with
the European Association of Agricultural Economists - EAAE and
the International Agricultural Trade Research Consortium - IATRC**

GLOBAL FOOD SECURITY CHALLENGES

Milano

Università degli Studi di Milano

Aula Magna

7-8 August 2015

Organising Committee:

Tassos Haniotis, DG AGRI, EC

John Beghin, Iowa State University, IATRC

Giovanni Anania, Università della Calabria, EAAE

Pierluigi Londero, DG AGRI, EC

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Conference theme: GLOBAL FOOD SECURITY CHALLENGES

Global food security, the overarching theme of the **EXPO Milan 2015**, remains high on the policy agenda. Still there is a growing difficulty for scientists and policy makers to keep up with the expanding volume of information about the challenge of meeting human food and nutritional needs while preserving natural resources.

This **2-day pre-ICAE event** organised by the **European Commission** with the European Association of Agricultural Economists (**EAAE**) and the International Agricultural Trade Research Consortium (**IATRC**) at the margins of the EXPO Milan 2015, will gather **more than 30 high level speakers** from academia, major international organisations and governments to provide a closer look at the various dimensions of food security.

Recent food security scenario analysis will set the scene and help identify the main drivers that will impact food security in coming decades, in particular the role of productivity, technological breakthroughs, different agricultural models, regional developments, policies and other factors also beyond market fundamentals.

Practical issues

- The Preconference event is organised on **Friday, 7th and Saturday, 8th of August** at the Università degli Studi di Milano, the **same venue** as the main ICAE conference. A visit to the EU Pavilion in Expo Milan 2015 is also foreseen.
- About **200 participants** can register for the conference. Information on how to pre-register to the event will soon be available at http://ec.europa.eu/agriculture/events/world-expo-2015_en.htm
- The European Commission is offering **in-kind grants** to cover travel and room and board expenses for up to 5 young EAAE and 5 young IATRC members to attend the Conference on “Global Food Security Challenges”, to be held in Milan in the days immediately preceding the IAAE’s triennial ICAE. More information on the application procedure on the [EAAE](#) and [IATRC](#) website.
- For **accommodation** we refer to the possibilities mentioned on the ICAE main website.

Programme

DAY 1 – Friday 7th of August

Session 1 Global outlook: Setting the scene

9.00 – 10.30

Chair: John Beghin, Iowa State University, IATRC

<i>Global food security, what should we expect? What do long-term scenarios tell us? Which factors can render some paths unsustainable?</i>

Presentations:

- Trade reforms and food security
FAO, Jamie Morrison, Senior Economist in the Trade and Markets Division
- Nutritional dimension of food security
IFPRI, Shenggen Fan, Director General
- International Food Security Assessment, 2014-24
USDA, Stacey Rosen, Agricultural Economist
- Long term scenarios on food and agriculture
OECD, Frank Van Tongeren, Head of the division Policies in Trade and Agriculture
- The future of food and nutrition security in developing countries
FoodSecure, Hans van Meijl, WUR Business Developer
- Foresight exercises
EC, Erik Mathijs, KULeuven, Professor

Speakers introduce a particular topic around food security that runs as a red line through the conference.

10.30 – 11.00 Coffee break

Session 2 The role of productivity

11.00 – 12.30

Chair: José Manuel Silva Rodriguez, former Director-General Agriculture and Rural Development, former Director-General Research and Innovation, European Commission

Following the 2013 Summer IATRC symposium, this session focus on the linkages between innovation, research, extension and investment.

Presentations:

- Setting the scene: measuring productivity
Keith Fuglie, USDA, ERS and chair of G20 Agricultural Chief Scientists' Working Group on Productivity Metrics
- Innovation: knowledge that brings money – techniques improving agricultural output and water efficiency in chronically dry regions around the world (*speaker tbc*)
- Research: money that brings knowledge – an assessment of the shifting global landscape in funding for R&D
Philip G. Pardey, Professor, Department of Applied Economics, University of Minnesota
- Extension: knowledge that brings knowledge – agricultural R&D in Ethiopia
Nega Wubeneh, Senior Director, Systems Programs, Ethiopian Agricultural Transformation Agency

- Investments: money that brings money – private investments in the sugar/ethanol industry in Brazil
Plinio Nastari, President, Datagro, Brazil

Presentations of 10 min. each followed by a panel discussion and Q&A

12.30 – 14.00 Lunch break

Session 3 Beyond fundamentals

14.00 – 15.30

Chair: Giovanni Anania, Università della Calabria, President of the European Association of Agricultural Economists EAAE

Did we learn the lessons from the 2007-2008 price spike? Is there consensus emerging on the drivers of price volatility in agricultural markets?

Presentations:

- Can we measure the influence of index trading on price levels, returns, spreads or volatility in agricultural commodity markets?
Stephanie Grosche, Food and Resource Economist, Bonn University
- Understanding and coping with food market volatility
Miranda Meuwissen, Professor, Wageningen UR
- Causes of price volatility
John Baffes, Senior Agriculture Economist, World Bank
- Price volatility and market linkages
Barry Goodwin, Distinguished Professor, NCSU

15.30 – 16.00 Coffee break

Session 4 Which model(s) for agriculture?

16.00 – 17.30

Chair: Tassos Haniotis, Director Economic Analysis; Directorate General for Agriculture and Rural Development, European Commission

Do we have only a dual agriculture - Big and efficient vs. small and subsistence? What about a joint model of private/public goods: does anybody care? How can conflicting interest between rural and urban poor be addressed?

Presentations:

- The next green Revolution, conclusions from the National Geographic series of special reports on agriculture and food
Tim Folger, freelance journalist, National Geographic
- Sustainable intensification and the jointness of private/public goods

Jean-François Soussana, Scientific Director Environment, INRA

- Which model to address development and food security
Derek Headey, senior research fellow, IFPRI
- Dual model of Brazilian agriculture
Silvia H.G. de Miranda, Professor, University of São Paulo

17.30 – 20.00 Cocktail reception at the University premises

DAY 2 – Saturday 8th of August

Session 5 Global challenges for food security: regional perspectives

9.00 – 10.30

Chair: Jo Swinnen, President IAAE, Professor KU Leuven

<p><i>What are the challenges of food security? What targeted responses are provided in terms of farm and trade policy?</i></p>

Presentations:

- Focus on China
Jikun Huang, Centre for Chinese Agricultural Policy, Chinese Academy of Sciences, Beijing, China
- Focus on Brazil
Renato Maluf, Associate professor Federal Rural University of Rio de Janeiro and president of the National Council of Food and Nutrition Security, Brazil (tbc)
- Focus on India
Ashok Gulati, Chair Professor, Indian Council for Research on International Economic Relations (tbc)
- Focus on Australia
Paul Morris, ABARES and (on secondment) chair of the Agricultural Competitiveness White Paper of the PM Office
- Focus on Africa
Sam Asuming-Brempong, Senior Lecturer, University of Ghana, FAC-CAADP Coordinator for the Future Agricultures Consortium
- Focus on Europe
Tassos Haniotis, Director Economic Analysis; Directorate General for Agriculture and Rural Development, European Commission

10.30 – 11.00 Coffee break

Session 6 Where from the next green revolution?

11.00 – 12.30

Chair: Kostas Stamoulis, director, FAO

Identifying the drivers for the next green revolution

Presentations:

- Different dimensions and drivers of the next green revolution: a general overview
Tom Hertel, Distinguished professor in Agricultural Economics, Purdue University, USA (tbc)
- Bringing biodiversity into the green revolution equation
Ann Tutwiler, Director General, Biodiversity International
- Plant genetic engineering as a means to improve food security: potential and issues surrounding it
Rodomiro Ortiz, Professor, Swedish University of Agricultural Sciences
- Facilitating access to and uptake of appropriate technologies by smallholder farmers in Africa
Denis Kyetere, Executive Director AATF

12.30 – 14.00 Lunch break

Session 7 What does this mean for the trade policy agenda?

14.00 – 15.30

Chair: Tassos Haniotis, Director Economic Analysis, Directorate General for Agriculture and Rural Development, European Commission

Session bringing together academia and policy makers to discuss the implication for trade policy

Panel discussion:

- *Giovanni Anania, Professor, Università della Calabria, President of the European Association of Agricultural Economists, EAAE*
- *Ken Ash, Director Trade and Agriculture, OECD*
- *Joseph Glauber, Visiting senior research fellow, IFPRI*
- *Alan Matthews, Professor Emeritus of European Agricultural Policy, Trinity College Dublin*
- *Will Martin, Research manager, Agriculture and Rural development, World Bank and President-Elect of the International Association of Agricultural Economists*

16.00 – 23.00 Visit to Expo Milano with walking dinner at the EU-pavilion