



**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

Koen Mondelaers, DG AGRI, EC

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## Conference theme: GLOBAL FOOD SECURITY CHALLENGES

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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

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- The Preconference event is organised on **Friday, 7<sup>th</sup> and Saturday, 8<sup>th</sup> 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/expo-milano-2015/cap-events/global-food-security-challenges\\_en.htm](http://ec.europa.eu/agriculture/expo-milano-2015/cap-events/global-food-security-challenges_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

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#### ***DAY 1 – Friday 7<sup>th</sup> of August***

##### **Session 1      Global outlook: Setting the scene**

9.00 – 10.30

Chair: John Beghin, Iowa State University, IATRC

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

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 8<sup>th</sup> of August**

### **Session 5 Global challenges for food security: regional perspectives**

9.00 – 10.30

Chair: Jo Swinnen, President IAAE, Professor KU Leuven

*What are the challenges of food security? What targeted responses are provided in terms of farm and trade policy?*

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*
- 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