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## System Approach for improving the sustainability of animal production, health and welfare

EXPO Milan 2015

June 12<sup>th</sup> Friday 2015

**Venue:** University of Milan, Via Festa del Perdono 7

**Attendees:** Experts and special interest groups (up to 250). The event will also be transmitted through web-streaming.

**Organisers:** Scientific Committee for EXPO, University of Milan Statale, EAAP (European Association of Animal Production), and ASPA (Animal Science and Production Association)

### Format:

With the theme "*Feeding the Planet, Energy for Life*" Expo 2015 addresses one of the most pressing global challenges of our time and a key priority for the European Union: How to feed a growing world population and to ensure food and nutrition security for all. With several EU policy areas implicated, the European Union considers Expo 2015 as a platform for policy debate on global food and nutrition security. It therefore wants to use this opportunity of the unprecedented number of countries and international bodies coming together for an extended period of time to seek the international dialogue to enhance cooperation and to identify those research areas and innovative practices which would allow new ways of tackling food insecurity and its associated problems.

This workshop **System Approach for improving the sustainability of animal production, health and welfare** organised by the University of Milan on 12<sup>th</sup> June 2015 is part of a series of discussions that the EU Scientific Steering Committee for Expo 2015 will follow during the course of the six months of the Expo. The results of the conference will feed into a process, by the end of which, there will be widely consulted recommendations to provide to decision makers on future priorities for research, development and innovation in the food and agricultural sector. Ultimately, these recommendations will serve as a major contribution to the EU legacy of Expo 2015 as it guides its future policy actions.

The workshop will be designed to promote discussion and networking between the experts and special interest groups attending.

The worldwide growing demand for animal products with a simultaneous demand for improved sustainability and animal welfare and health will require a system approach perspective. The security

of Food of animal origin must be strictly linked to an environmentally-friendly use of lands, respect of animal welfare and the mitigation of the use of pharmaceuticals, mainly antimicrobial and antiparasitic drugs.

The meeting will be organized into three sessions, that will address the above mentioned topics. Each session will include an opening address where the speaker will give an overview of the topic and highlight the main issues that need to be addressed, followed by a round table, where participants will react to the issues raised by the main speaker. Also case-studies and success stories will be presented. Companies and public authorities will be invited to participate to the discussion.

0900-10.00	Registration Welcome address: Claudia Sorlini (President of Scientific Committee for EXPO) Gianvincenzo Zuccotti (Delegate for Expo of University of Milan)
1000 - 1030	<b>Keynote speech</b> Introduced by Andrea Rosati ( EAAP Secretariat) Philippe Chemineau (INRA – Paris, chair of European Association of Animal Production) Importance of animal health and welfare for the stability of the three pillars of sustainability of livestock systems.
1030 - 1200	<b>Session I: Sustainability analysis and life cycle assessment of animal production</b> Chaired by Bruno Ronchi, President of ASPA Case studies from different farming system <ul style="list-style-type: none"> <li>• Martin Scholten (University of Wageningen- NL)</li> <li>• Alberto Bernues (CITA, Zaragoza- Spain)</li> <li>• Georgios Zervas (University of Athens, Greece)</li> </ul>
1145 – 1215	Coffee break
1215 -1330	<b>Session II: The impact of animal welfare and health on food quality and safety</b> Chaired by Antonella Baldi, University of Milan. Animal health and welfare for food safety <ul style="list-style-type: none"> <li>• Daniela Battaglia (FAO, Rome)</li> <li>• Philippe Baret (Université Catholique de Louvain, Belgium)</li> <li>• Adroaldo Zanella (Dept. de Medicina Veterinária Preventiva e Saúde Animal, Pirassununga, SP, Brazil)</li> <li>• Giovanni Savoini (University of Milan, Italy)</li> </ul>
1330 – 1430	lunch
1430 – 1545	<b>Session III: Mitigating the use of antiparasitic and antimicrobial drugs in livestock productions</b> Chaired by Claudio Bandi University of Milan. Antimicrobial drugs in food production: misuse, use, and sustainable use <ul style="list-style-type: none"> <li>• Amy Cawthorne (WHO, Geneva CH)</li> <li>• Sara Epis (University of Milan)</li> <li>• Thierry Pineau (INRA - Animal Health Division - France)</li> </ul>
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