

May 2012						
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## Events

### Sustainable Protein Supply

Location	Amsterdam, The Netherlands
Date	16 March 2012   10:00 - 17:00
Calendar file	<a href="#">vcs</a> <a href="#">ics</a>

The aim of the workshop was to come up with a research agenda that provides a vision and ambition on future supply of sustainable protein in Europe and defines the first steps to be taken to realize its implementation.



The global demand for animal protein (such as meat and milk proteins) is increasing rapidly. This is caused by the growing world population and reinforced by the increasing income per capita in industrializing countries in Asia and South America. For example, in the period 1970-2000 the global consumption of meat

increased from about 100 to 235x106 tons. The FAO estimates that the meat consumption will rise to a level of 463 tons in 2050. This increase will of course result in a tremendous growth in need for feed protein, which will be hard to meet in an eco-sustainable way. Globally, the livestock sector is responsible for 18% of anthropogenic greenhouse gas emission measured in CO2 equivalents, accounts for 70% of all agricultural land and for over 8% of global human water usage (FAO report "Livestock's long shadow").

Hence, reducing the environmental impact of the global protein consumption is of crucial importance to allow meeting the needs for future generations. Mitigating options to reduce the impact are:

1. Optimize animal protein production with respect to environmental impact (e.g. use of protein sources not suited for human consumption, increase digestive efficiency)
2. Develop alternatives to conventional animal protein containing products (e.g. plant based meat substitutes, insects)
3. Promote a change in eating habits of consumers (e.g. eating less meat, other types of meat)

During the workshop, emphasis was on options 1 and 2. These options, as well as food politics regarding sustainable protein supply, were discussed by experts in the fields. Furthermore, the vision of the EU on this topic was presented. Last but not least, consequences for the European research and innovation agenda were assessed.

#### Aim

The aim of the workshop was to come up with a research agenda that provides a vision and ambition on future supply of sustainable protein in Europe and defines the first steps to be taken to realize its implementation. This can provide a sound base for preparing (research) proposals (e.g. for COST actions and EU framework programs) in this and/or related fields.

#### Participants

The workshop was intended for researchers (willing to participate in preparing a research proposal) and for policy makers (government, industry, non-governmental organizations, FAO).

### Registration

Ended

### Downloads

- ▶ Sustainable Protein Supply Programme (PDF, 63 kB)
- ▶ Sustainable Protein Supply Workshop Booklet (PDF, 322 kB)
- ▶ Practical Information Guide Protein (PDF, 460 kB)
- ▶ Hotel Casa 400 Reservation Form (PDF, 51 kB)

### Presentations

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### Speakers Area

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### Organising Committee

Professor Antonella Baldi, University of Milan, IT  
 Professor Tiny van Boekel, Wageningen University, NL  
 Dr Ragni Ofstad, Nofima AS, NO  
 Dr José Pueyo, ICA, CSIC, ES  
 Dr Ioanna Stavridou, COST Office, BE  
 Dr Johan Vereijken, Wageningen University and Research Centre, NL

### Venue

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### Contact Information

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