



AN Integration of Mitigation and Adaptation options for  
sustainable Livestock production under climate CHANGE

# Agenda

## AnimalChange Final Meeting

19 March 2015 Montpellier

Venue: Agropolis International

1000, Avenue Agropolis

F-34394 Montpellier Cedex 5

France





Thursday, March 19<sup>th</sup>

Amphithéâtre Louis Malassis  
(13:30 – 18:00)

Audience: Open to all

13:30 – 13:45

**Project Presentation by the Coordinator**

*Jean-François Soussana (INRA)*

13:45 – 14:45

**Component 1 presentations**

*Chair: Peter Kuikman (DLO)*

13:45 – 14:00

**\* MITERRA-Europe based work**

*Peter Kuikman (DLO)*

14:00 – 14:15

**\* The scenario analysis in Component 1**

*Petr Havlik (IIASA)*

14:15 – 14:30

**\* The vulnerability of grasslands vs crops**

*Gianni Bellocchi & Jean-François Soussana (INRA)*

14:30 – 14:45

**\* Assessment of GHG emission from the livestock sector in South Brazil**

*Olivier Bonnet (UFRGS)*

14:45 – 15:45

**Component 2 presentations**

*Chair: Frank O'Mara (Teagasc)*

14:45 – 15:00

**\* Preliminary assessment of effects of experimental drought on grass-legume forage**

*John Finn (Teagasc), Andreas Lüscher (WBF-Agroscope), Daniel Hofer (WBF-Agroscope), Eamon Haughey (Teagasc), Matthias Suter (WBF-Agroscope)*

15:00 – 15:15

**\* Trade-offs between GHG sources and on-farm GHG budgets compared for different (intensity of) farming systems**

*André Bannink (DLO), Gary Lanigan (Teagasc)*

15:15 – 15:30

**\* Mitigation of rumen methane and its relation to the rumen micro biome**

*Jamie Newbold (AU-IBERS), Abubeker Hassen et al. (UP)*

15:30 – 15:45

**\* Measurement and modelling of C balances in grassland**

*Orlaith Ni Choncubhair (Teagasc) & Katja Klumpp (INRA)*





15:45 – 16:00



16:00 – 16:45

### Component 3 presentations

*Chair: Jørgen E. Olesen (AU-DJF)*

16:00 – 16:15

\* Lessons learned from farm scale modelling of production and greenhouse gases in widely different conditions

*Nick Hutchings (AU-DJF)*

16:15 – 16:30

\* Farm scale costs of reducing greenhouse gas emissions on livestock farms

*Vera Eory (SRUC)*

16:30 – 16:45

\* Synergies and tradeoffs of adaptation and mitigation on European dairy farms

*Jørgen E. Olesen (AU-DJF), Kairsty Topp (SRUC)*

16:45 – 18:00

### Component 4 presentations

*Chair: Pierre Gerber (FAO & World Bank)*

16:45 – 17:00

\* Barriers to adoption of adaptation practices

*Ana Iglesias (UPM)*

17:00 – 17:15

\* Greenhouse gas mitigation through sustainable intensification of beef production in the Brazilian Cerrado

*Raphael Silva (SRUC)*

17:15 – 17:30

\* Mitigation through cattle ranching intensification in Brazil

*Petr Havlik (IIASA)*

17:30 – 17:45

\* Results of the CAPRI mitigation policy scenarios

*Franz Weiss (JRC)*

17:45 – 18:00

\* White paper on key policy issues for livestock and climate change in the EU

*Pierre Gerber (FAO & World Bank)*



\* The research leading to these results has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement n° 266018.





### Institution Acronyms

ACRONYM	INSTITUTION	COUNTRY
<b>AAFC</b>	Agriculture and Agri-Food Canada / Agriculture et Agroalimentaire Canada	Canada
<b>AU-DJF</b>	Aarhus Universitet (Aarhus University)	Denmark
<b>AU-IBERS</b>	Aberystwyth University	UK
<b>DLO</b>	Stichting Dienst Landbouwkundig Onderzoek - Alterra and Livestock Research / Wageningen University and Research Centre	The Netherlands
<b>EAAP</b>	European Association for Animal Production	Italy
<b>FAO</b>	Food and Agriculture Organisation of the United Nations	Italy
<b>IIASA</b>	International Institute for Applied Systems Analysis	Austria
<b>INRA</b>	Institut National de la Recherche Agronomique	France
<b>JRC</b>	Joint Research Centre – European Commission	Belgium
<b>SRUC</b>	Scotland's Rural College	UK
<b>Teagasc</b>	Teagasc – Agriculture and Food Development Authority	Ireland
<b>UFRGS</b>	Universidade Federal do Rio Grande do Sul	Brazil
<b>UP</b>	University of Pretoria	South Africa
<b>UPM</b>	Universidad Politécnica de Madrid (Technical University of Madrid)	Spain
<b>WBF-Agroscope</b>	Eidgenössisches Departement für Wirtschaft, Bildung und Forschung	Switzerland



## Diagram of the AnimalChange project

