



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 19th

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



Diagram of the AnimalChange project

