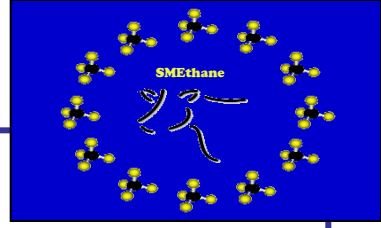
SEVENTH FRAMEWORK PROGRAMME



SMEthane

Technological platform to develop nutritional additives to reduce methane emissions from ruminants

FP7-SME-2010-1 262270

2nd workshop

The importance of measuring methane production from ruminant livestock: project update and regulatory aspects

26-27 March 2012

Hotel Melia Galgos, Madrid, Spain

Long term

42 days

Short term

7days

WP 4 RTD	IN VIVO– long time persistence	21+ 20
WP 3 RTD	Effectiveness IN VITRO	25
WP 2 RTD	Means of application . Stability over time	13

CSIC

INRA Institut National de la Recherche Agronomique

UNIVERSITEIT GENT

PRIFYSGOL ABERYSTWYTH UNIVERSITY

ILVO

agolin®

DOMCA

neem BIOTECH

phytosynthèse

NOR-FEED

training Workshops

- 1st workshop – **Uk** - **Sept 2011**
- 2nd workshop – **Spain** - **Mar 2012**
- 3rd workshop – **France** - **Sept 2012**

• The Importance of Measuring Methane Production from Ruminant Livestock – the reason why we are doing this project.

• Effects of the use of plant extracts on animal productivity in different production systems

• Financial and regulatory barriers to the use of plant extracts in ruminant livestock

• …

SMEthane

Technological platform to develop nutritional additives to reduce methane emissions from ruminants

FP7-SME-262270

Forthcoming events

September 21-22, 2011
1st Workshop.

'The Importance of Measuring Methane Production from Ruminant Livestock – the reason why we are doing this project'

Contact Info

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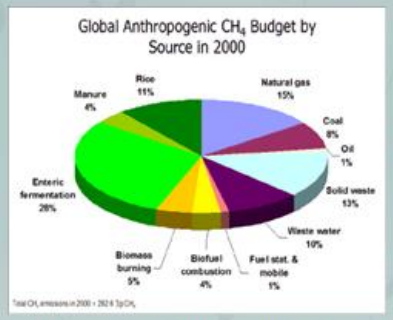
Languages

English

Welcome

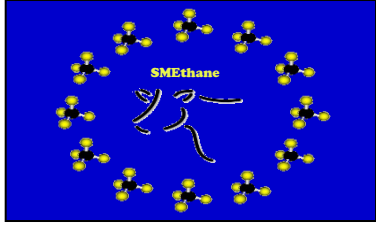


SMEthane aims to provide a technological platform for SME's to develop and progress further knowledge on the successful use of nutritional additives to reduce methane (CH_4) emissions from ruminants. CH_4 is the second most important greenhouse gas, after CO2. At a global scale, livestock farming contributes up to 18% of total greenhouse gas emissions. The inhibition of CH_4 formation by ruminants has long been an objective of ruminant nutritionists, but a number of barriers to the development of novel dietary additives have been identified. SMEthane is designed to remove the restriction that SME's face in successfully developing and marketing novel compounds, in particular plant extracts. We will establish research and development platforms to allow SME's to determine: the means of delivery of such compounds in the diet, knowledge of the dose response curve for such compounds under different production systems, the persistence of the inhibitory effect of such compounds on CH_4 production over long periods of time and the potential 'side effects' such as change in flavour of the final animal product. SMEthane Research Consortium combines the capabilities of five major research and educational organizations from 4 European countries plus 6 enterprises with long experience in developing nutritional additives. The governance structure of the project has been established to ensure effective direction and management that maximizes the expertise and facilities available at each RTD to better meet SMEs' needs. Training and dissemination plan considered within SMEthane aim to provide training for the SME sector and its customer through different workshops based in key areas relevant to the development and usage of novel dietary additives to decrease CH_4 emissions. An Exploitation and Dissemination Team will be responsible for decisions on knowledge management issues such as patenting, licensing and other exploitations of the project results.

The project is coordinated by Dr. David R. Yáñez-Ruiz of CSIC in Spain and involves 10 partners:

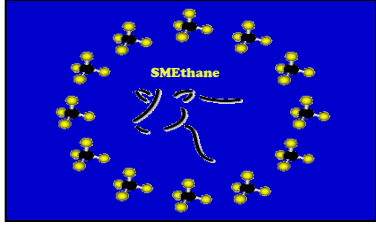
- Aberystwyth University, United Kingdom (RTD perfomer)
- Agolin SA, Switzerland (SME)
- Consejo Superior de Investigaciones Científicas, Spain (RTD perfomer)
- DOMCA SA, Spain (SME)
- Eigen Vermogen Van Het Instituut Voor Landbouw En Visserijonderzoek, Belgium (RTD perfomer)

Workshop Program



Monday 26th March 2012

13:30:	Lunch
15:00	Welcome Dr David Yanez Ruiz (CSIC Spain)
15.05	The market for plant extract in ruminant livestock (**Prof Jamie Newbold**, Aberystwyth, UK)
15:35	Lessons learnt from SMEthane, analytical methods for detection of active molecules in different feed matrices and stability in feeds (**Dr Hamid Boudra**, INRA, France)
16:05	Lessons from SMEthane: Assessing the effect of plant extracts on methane production by in vitro screening tests: dose- responses and sources of variability (**Prof Veerle Fievez**, Ghent, Belgium)
16:35	Coffee
17:00	Lessons from SMEthane: Developing rapid in vivo screens to measure the effect of plant extracts on methane production. (**Dr Kenton Hart**, Aberystwyth, UK)
17:30	Lessons from SMEthane: Developing in vivo screens to measure the effect of plant extracts on methane production in cattle. (**Dr Sam De Campeneere**, ILVO,Belgium)
18:00	General Discussion
18:30	Leave for accommodation
20:30	Evening Meal (Hotel Restaurant)



Tuesday the 27th March 2012

09:00 The EU regulatory framework : **Prof Secundino Lopez** (Universidad de Leon, Spain)

10.00 **Commercial partners**; experience with EU and world wide regulations

10:00 Agolin, Switzerland
10:15 Phytosynthèse, France
10:30 NOR-FEED SUD, France

10:45 Coffee

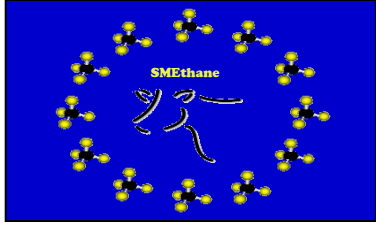
11.15 Neem Biotech, UK
11:30 DOMCA, Spain

11:45 Discussion (experience from guests and academics)

12:30 Closing remarks: Dr David Yanez Ruiz (CSIC Spain)

13:00 Lunch

14:00 Departure



Thank you and enjoy the workshop