

WG1. Methane-determining factors: to compile

- a) an inventory and discuss possible factors associated with variation in methane production
- b) standardized definitions for methane measurements
- c) combined and integrated data into novel genetic models.

The following further tasks have been identified for WG1:

- To establish a network of nutritionists, physiologists and geneticists, animal breeders, and microbiologists working in the field of methane production from ruminants
- To establish a beneficial interaction between researchers working on environmental and genetic factors determining methane production
- To provide the most specific and sensitive means of assessing methane production of animal origin and to recommend the use of standardized protocols and units
- To exchange experience and knowledge, protocols, experimental design and data analysis with other WGs especially with Early Stage Researchers in an international forum
- To communicate what environmental factors should be considered in calibrating techniques, validating methane indicators and integrated into genetic selection strategies
- To collaborate with the other WGs of this COST Action
- To exploit data already available to be integrated into novel genetic models