



Specific Support Action

BAT- Support

Best Available Techniques for European Intensive Livestock Farming - Support for the Implementation of the IPPC-Directive

BACKGROUND

The relevance and purpose of this project relates to the implementation of the European IPPC Directive (Council Directive 96/61/EC). The purpose of the Directive is to achieve integrated systems of prevention of polluting emissions to air, land and water, including measures concerning waste, in order to achieve a high level of protection of the environment taken as a whole. One crucial sector is livestock agriculture due to its very large impact on the wider environment.

The European IPPC Bureau (EIPPCB) in Seville is charged by the European Commission with the organisation of a European information exchange in order to establish special Reference Documents (known as BREFs) for each of the categories of industrial activities listed in the Directive. The first BREF for Intensive Livestock Farming (ILF) was published in 2003. In the development of the BREF many European countries used their own system and their own criteria for the evaluation of the best technologies. This led to differing results and to the call for harmonised guidelines for the formulation of classification methods of BAT for Intensive Livestock Farming.

OBJECTIVES

The overall objective of this project is to develop an integrated and consistent methodology for the classification of livestock housing systems including storage, treatment and spreading of the manures produced, in terms of "Best Available Techniques".

This includes the secondary objectives:

- The development and application of systems to evaluate the environmental and economic performance of different technologies in use in intensive livestock farming including cost/benefit considerations regarding emission reduction.
- The assessment of animal health and welfare implications that are specific for the Intensive Livestock Farming sector.
- The development of a documentation system for BAT techniques to support the implementation of new and effective techniques, very much depending on the possibilities of use of documentation across borders.
- To prepare a suitable "Glossary of Terms on Livestock Manure Management" to support the harmonised description of techniques in Europe.
- To disseminate the results widely including all relevant stakeholders in the Livestock Farming Sector.

PARTNERS

Germany	Association for Technology and Structures in Agriculture, KTBL	Poland	Institute of agricultural engineering IBMER, IBMER
Italy	Research Centre for Animal Production, CRPA	France	French Institute of Agricultural and Environmental Engineering Research, CEMAGREF
The Netherlands	ASG Veehouderij BV Animal Science Group, ASG	Czech Republic	Research Institute of Agriculture Engineering, VUZT
Denmark	AgroTech- Institute for Agro Technology and Food Innovation, AT	Switzerland	Swiss College of Agriculture, SHL
Spain	PigCHAMP Pro Europa S.A., PigCHAMP		

Contact

Henning Eckel, Helmut Döhler
Kuratorium für Technik und Bauwesen in der Landwirtschaft, Bartningstr. 49, 64289 Darmstadt
Tel: 06151 / 7001 – 0; Fax: 06151 / 7001 – 123
e-mail: h.eckel@ktbl.de, h.doehler@ktbl.de