



## Piggeries



***This project aimed to develop practical tools for inspections at IPPC pig farming installations. The guidance book that was produced during the project was the result of the collaboration of the countries represented in the IMPEL project.***

### Background

Rearing of pigs has a great variety within Europe. The housing can consist confined buildings for rapid standardized production to outdoor extensive production, as well as all other forms of organization in between. But also, large pig farms have a lot of activities in common.

European legislation is applicable on large pig farms. Most important is the IED, which contains regulation for IPPC installations. The minimum amount of pigs in the IED is 2000 productions pigs or 750 sows. The IED contains requirements on environmental inspections. Also, de IED demands IPPC installations use the Best Available Techniques (BAT), which are in the Bref document "Intensive rearing of poultry and pigs".

### Content in Brief

Five main environmental issues are selected: manure storage, manure spreading on land, animal housing systems, air abatement techniques and odour assessment. The focus of the produced guidance is on these activities and fits the daily practice and a regular inspection on a pig farm.

The first three chapters of the guidance book describe the sector, key environmental issues and legislation. These chapters explain the importance of pig farming in general and in relation to the environment and its regulations. The other chapters in the guidance book focus on

### Target Group

- Inspectors

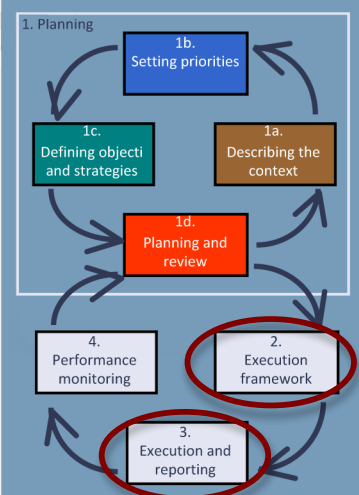
### EU Legislation

- IPPC/IED directive

### Publication date

2013

### Inspection Cycle





European Union Network for  
the Implementation and Enforcement  
of Environmental Law

the inspection itself. It is divided into inspection preparation, general tips or the actual inspection on the farm and duties after inspection.

### Key points

The following five key environmental issues are of importance and should be taken in consideration while developing an inspection plan:

- **Manure storage:** including issues of capacity, leakage, protection of water;
- **Manure spreading on land:** determining conditions for spreading, protection of surface and ground waters (interaction of IPPC with other regulations);
- **Animal housing systems:** impacts of different housing types on emissions, meeting requirements in the IPPC Best Available Techniques (BAT) Reference Document (BREF);
- **Air abatement techniques:** end of pipe techniques to control emissions, such as scrubbers and bio filters;
- **Odour assessment:** including public interaction and measures to reduce odour (other than housing and abatement techniques).

The guidance is intended to be used by experienced inspectors as well as inspectors with limited experience. It includes checklists for all steps of the inspection that are illustrated with photographs. For the main activities on a pig farm the environmental importance of the activities are described in combination with the content of the Brefs. Further it describes how the activities are executed (constructed and/or organised) and the main questions that can be asked during the inspection.

Links

Key words