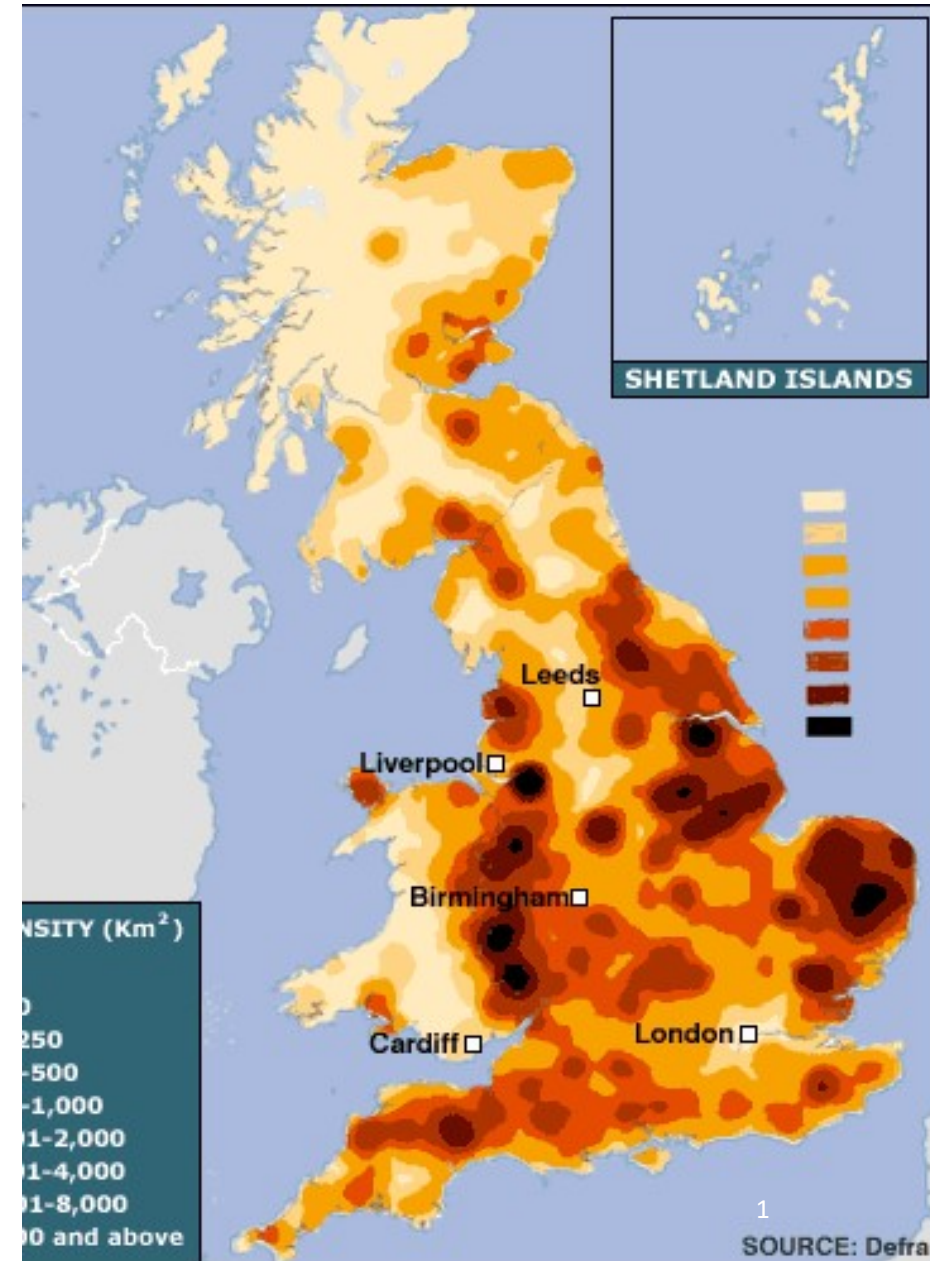


Implementation of permitting to pig and poultry in England

- 1333 IED Pig and Poultry farms in England
 - 1098 poultry
 - 235 pig
- Permits reviewed between 2017 and 2019
- Concern about permit thresholds driving inefficiency in production and unintended behaviours
- Permits issued with improvement programmes to reduce ammonia emissions at Habitats sites



KEY ISSUES TO ADDRESS

Wheel wash
Wheel washes must not overflow. Spent disinfectant needs to be applied to the land following the Manure Management Plan.

Odour and noise
These emissions should be minimised. Some installations e.g. those near "sensitive receptors" will have to prepare written management plans for one or both.

Clean roof and yard water
This can be directed to ditches.

Feed and feeding
Feed bins should be protected from collision damage. Liquid co-products storage tanks should be bunded. Dust emissions should be minimised. Feed utilisation should be optimised by feeding diets of reducing percentage of protein and phosphorus as progeny get older and matching protein requirements to the stage of production in the breeding herd.

Manure storage - in the field
Where there is no alternative field heaps may be used but they must be sited away from field drains and watercourses. They must not cause odour nuisance.

Land application of manure and slurry
If slurry or manure is spread onto the IPPC permit holder's own land, a formal Manure Management Plan must be prepared and followed.
Application rates must not exceed 250kg total Nitrogen per/ha in any 12 month period (lower limits may apply in NVZs).
Manure spread on bare land must be incorporated within 24 hours.
Slurry must be spread using prescribed methods e.g. a band spreader.
NOTE: If slurry or manure is spread onto separately owned land there must be a formal agreement with the landowner providing sufficient land so that spreading is carried out in accordance with relevant legislation.

Carcass disposal
Use an approved incinerator or send off-site in accordance with the Animal By-products Regulations 2003.

Slurry stores and lagoons
New stores and lagoons will need to be covered. Consideration must be given to covering existing facilities.

Medicine, pesticide and biocide storage
Stores should be secure, fire resistant and have some means of retaining spillages.

Side mounted, louvred fan outlets for X-Flow ventilation system

Dirty roofs
Rain water run off from dusty/dirty roofs should be treated e.g. by swales, soakaways, sediment traps, settling ponds or diverted to the slurry system. Aim to keep roofs clean.

Manure storage - on site
Manure stores must have an impermeable base with a collection system for dirty water run-off.

Oil storage
All stores must be bunded.

Yard run-off
Run-off from lightly contaminated yards should be treated e.g. by swales, soakaways, sediment traps, settling ponds or diverted to the slurry system. Aim to keep yards clean.

Dirty water
Run off from dirty yards e.g. yards over which manure has been scraped or to which pigs have had access (including pig movement races) must be collected and treated as slurry. This material must be spread in accordance with the Manure Management Plan or exported from the installation.


Contingency plan for slurry/manure
There must be a contingency plan to contain or export slurry/manure in the event of an emergency e.g. structural failure or disease outbreak.
All staff need training to ensure they know what is required.

FURTHER SOURCES OF INFORMATION

This document provides summary information only and the content is subject to change. Further details are provided in 'IPPC: Intensive Farming - How to Comply', which contains the rules that farmers will need to comply with. These provide a simplified method for producers to apply for a permit under the Pollution Prevention and Control (England and Wales) Regulations 2000. Copies of the Rules, other information on IPPC and application forms are available from the Environment Agency. Telephone the National Customer Contact Centre Number 08708 506506 or visit the website www.environment-agency.gov.uk/farming.

Prepared by ADAS in conjunction with the Environment Agency and funded by the Department for Environment, Food and Rural Affairs. January 2006.





Land spreading of manure & slurry (Pig and Poultry)

13 Apr 2023

The survey will take approximately 7 minutes to complete.

The purpose of this survey is to provide insights about how countries regulate the land spreading of manures and slurries produced on IED pig and poultry farms. To share learning and help identify best practice.