

UCOL / Kick-off Meeting  
25 – 27 February 2025  
Conclusions

European Bureau for Research on  
Industrial Transformation and Emissions  
(EU-BRITE)

# Uniform Conditions for Operating Rules for Livestock (pigs and poultry) rearing UCOL

## Kick-off Meeting

## Conclusions

**Text / colour code:**

~~strikethrough~~: deleted text based on the Kick-off Meeting discussion

**Red**: added text based on the Kick-off Meeting discussion

## Evidence collection

- To collect information on the basis of a ‘tailored evidence collection’, without the use of a farm-specific questionnaire.
- EU-BRITE to prepare a draft survey to gather evidence, based on the Kick-off Meeting conclusions, to be finalised based on comments from the UCOL WG.
- The UCOL WG to provide evidence based on robust sources (e.g. studies, inventories, databases); evidence to be complemented by farm-specific data, when available).

## Emissions to water

- To address the issue of prevention and reduction of emissions to water in pig and poultry farms to be addressed in UCOL.
- The UCOL WG to provide information on techniques to prevent/reduce emissions to water, from specific waste water streams including from manure management, also taking into account the techniques included in the IRPP BATc.

## Emissions to air – Ammonia (1/2)

- To address ammonia emissions in pig and poultry farms ~~to be addressed in UCOL~~.
- The UCOL WG to provide information on relevant techniques (including emerging techniques), also taking into account the techniques included in the IRPP BATc.
- The UCOL WG to provide information on ammonia sources and monitoring of ammonia emissions, also taking into account the information included in the IRPP BATc.
- The UCOL WG to provide data on ammonia emissions for the following animal categories:
  - Pigs: mating and gestating sows, farrowing sows (including piglets) in crates, weaners, fattening pigs;
  - Poultry: broilers, laying hens (cage system, non-cage system),; ducks,; turkeys.

## Emissions to air – Ammonia (2/2)

- The UCOL WG to provide data on ammonia emissions for any additional poultry categories, e.g. pullets, breeders, geese, if available.
- The UCOL WG to provide relevant contextual information, e.g. on different production systems (organic/free-range/conventional) ~~rearing regimes~~, housing systems, applied ventilation systems (natural/hybrid/forced), and installation type (new/existing/retrofitted).

## Emissions to air - Methane

- To address the issue of prevention and reduction of methane emissions in pig and poultry farms ~~to be addressed in UCOL~~.
- The UCOL WG to provide information on techniques (including emerging techniques) to prevent/reduce methane emissions from pig and poultry farms and their link with NH<sub>3</sub> emissions.
- The UCOL WG to provide information on monitoring of methane emissions in pig and poultry farms.
- The UCOL WG to provide information on methane emissions from pig and poultry farms.

## Emissions to air - Dust

- To address the issue of prevention and reduction of dust emissions in pig and poultry farms ~~to be addressed in UCOL~~.
- The UCOL WG to provide information on techniques (including emerging techniques) to prevent/reduce dust emissions from pig and poultry farms, also taking into account the techniques included in the IRPP BATc.
- The UCOL WG to provide information on monitoring of dust emissions from animal houses.
- The UCOL WG to provide information from the implementation of BAT 27 and BAT 28 of the IRPP BATc, as regards dust emissions in pig and poultry farms.

## Emissions to air - Odour

- To address the issue of prevention and reduction of odour emissions in pig and poultry farms ~~to be addressed in UCOL~~.
- To include in UCOL techniques (including emerging techniques) for preventing/reducing odour emissions in pig and poultry farms. The UCOL WG to provide relevant information also taking into account the techniques included in the IRPP BATc.
- The UCOL WG to provide information on monitoring of odour emissions from pig and poultry farms.
- The UCOL WG to provide information from the implementation of BAT 26 and BAT 28 of the IRPP BATc, as regards odour emissions in pig and poultry farms.



## Nutritional management (1/2)

- To address the issue of nutritional management in pig and poultry farms to be addressed in UCOL.
- The UCOL WG to provide information on relevant techniques (including emerging techniques) in order to reduce total nitrogen (TN) and total phosphorus (TP) excreted, also taking into account the techniques included in the IRPP BATc.
- The UCOL WG to provide information on monitoring tools/systems for TN and TP excreted, also taking into account the information included in the IRPP BATc as well as other sources of information, e.g. UNECE.

## Nutritional management (2/2)

- The UCOL WG to provide data on TN and TP excreted for the following animal categories:
  - Pigs: weaners; fattening pigs; **sows (e.g. mating/gestating—sows; lactating sows (including piglets))**.
  - Poultry: laying hens; broilers; ducks; turkeys.
- The UCOL WG to provide data on TN and TP excreted for any additional poultry categories, **e.g. pullets, breeders, geese**, if available.
- **The UCOL WG to provide relevant contextual information, e.g. on different production systems (organic/free-range/conventional, weight/growth), housing systems, applied ventilation systems (natural/hybrid/forced), and installation type (new/existing/retrofitted).**

## Dedicated exchange of information on monitoring tools/systems

- EU-BRITE to facilitate a dedicated exchange of information on monitoring tools/systems for TN and TP excreted and on monitoring of NH<sub>3</sub> emissions to air.

## Energy efficiency/consumption

- To address the issue of energy efficiency/consumption in pig and poultry farms to be addressed in UCOL.
- The UCOL WG to provide information on techniques (including emerging techniques) to improve energy efficiency / reduce energy consumption, types of energy used/produced in the installations, also taking into account the techniques included in the IRPP BATc.
- The UCOL WG to provide information on monitoring of energy consumption in pig and poultry farms, also taking into account the information included in the IRPP BATc.
- To collect information, including from the implementation of BAT 29 of the IRPP BATc, as regards electrical energy consumption and fuel consumption in pig and poultry farms.

## Water consumption

- To address the efficient use of water in pig and poultry farms to be addressed in UCOL.
- The UCOL WG to provide information on techniques (including emerging techniques) to enhance the efficient use of water (e.g. reduction of water consumption/losses, water reuse), also taking into account the techniques included in the IRPP BATc.
- The UCOL WG to provide information on water sources and monitoring of water consumption in pig and poultry farms, also taking into account the information included in the IRPP BATc.
- To collect information, including from the implementation of BAT 29 of the IRPP BATc, as regards water consumption in pig and poultry farms.

## Additional topics to be covered in the information exchange (1/2)

- The UCOL WG to exchange information on techniques (including emerging techniques) and their combinations, as well as on techniques having multiple mitigation effects, paying attention to the integrated approach and the diversity of practices in the EU.
- To duly take into account the interface with other legislation (e.g. Nitrates Directive, animal-welfare-related legislation, National Emissions Ceilings Directive, Environmental Quality Standards) to be duly taken into account in the information exchange process.

## Additional topics to be covered in the information exchange (2/2)

- ECHA to provide relevant information, e.g. a list of active substances that can be present in biocidal products authorised for use in pig and poultry farms.

## Techniques

- The UCOL WG to provide inputs on any updates to the techniques included in the IRPP BATc **as well as identification of potentially obsolete techniques.**
- The UCOL WG to submit any ‘new’ techniques (**candidate** BAT and/or emerging techniques not included in the IRPP BATc, e.g. use of chemicals) using ~~the standard ‘10-heading structured’~~ templates**.** On emerging techniques, inputs from INCITE may also be considered.



## Next steps (1/2)

Step	Tentative time
EU-BRITE to prepare and test the evidence collection survey based on the outcomes of the KoM	March to April 2025
UCOL WG to fill in the survey	May to June 2025
EU-BRITE to assess the information and data received	September to October 2025
Draft UCOL	November 2025
UCOL WG to comment on draft UCOL	January 2026

## Next steps (2/2)

Step	Tentative time
Workshop(s) / ad-hoc meeting(s) (online) <sup>(1)</sup> if deemed necessary	November <del>April</del> 2025 to January 2026
Revised draft UCOL	February 2026
UCOL WG Final Meeting	March 2026
Preparation of Implementing Act	April to May 2026
Adoption of Implementing Decision	By 1 September 2026

<sup>(1)</sup> Including the dedicated exchange of information on monitoring tools/systems for TN and TP excreted and on monitoring of NH<sub>3</sub> emissions to air

Site visits to be organised throughout the process

# Thank you



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