

Results of the questionnaire on manure data needs in policy instruments

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Questionnaire

- Sent to HELCOM Agri group
- Answers from all 9 countries
- Need to specify some answers -> will be done via project partners
- A report on manure data and regulations in spring 2019

General remarks

- The answers were very varied
- Not clear if all had understood the different types of data (excretion, amounts, concentration) in a similar way

How is manure data used?

Excretion

- In general used in emission inventories and nutrient balance calculations (Eurostat)
- It was not clear from the answers if the excretion values are based on calculation with countries' own data or more general table values
- Most precise calculations would require country's own data
- There are no guidelines for excretion calculations for e.g. emission inventories so the methods are varied

How is manure data used?

Animal specific manure amounts

- Used for determining amount of manure per farm (storage capacity) and in the whole country
- This information would be very important for creating nutrient recycling objectives
- Both type and amount of manure is important to know to determine:
 - How can the manure be processed?
 - How can the excess manure be transported?

How is manure data used?

Concentrations

- Used for fertilization planning
- Crucial information which can lead to under or overfertilization

Animal categories

- Basic categories: cattle, pigs, poultry
- Variation on how precise the categories are
- Some countries separate more precisely by type of production or product or age
 - E.g. Dairy cow producing 8000 kg milk/year, grazing bull 1-16 months old

Storage capacity (months)

DK	EE	FI	DE	LV	LT	PL	RU	SV
6-12	8	12	6; from 2020 if more than 3 LU ->9; compost & dung 2	8	No info	6 (liquid manure); 5 (solid manure)	No info	6-10

Updating manure data

- “Manure data is updated constantly. Background information of the legislation and RDP cannot be updated often or in the middle of the programme.”
- “As required. The previous regulation came into force in 2003, the new regulation was adopted in 2014.”
- “Yearly”
- “After 5 years”
- “There is no fixed time frame for manure data update.”
- “No regular periods defined.”

Do you have the data you need?

- “Data is very detailed and precise. Because of that, data must often be simplified for administrative purposes.”
- “There is not enough data available, but it is expensive to collect additional data.”
- “Mostly calculations from livestock with high uncertainties”
- “It could be updated, because data on amount and composition of manure is based on scientific research project in year 2010.”
- “There is a need for manure data update and, as an answer to that challenge, the National Campaign of Manure Testing has been launched. “
- “There is manure data available. It is not updated enough.”

Thank you!



Find us online: www.luke.fi/manurestandards