

A New Approach for Animal Waste Management in Portugal

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PROBLEMATIC ISSUE

➤ Intensive livestock production systems are concentrated in certain regions, some without sufficient area for effluent valorization / spreading.

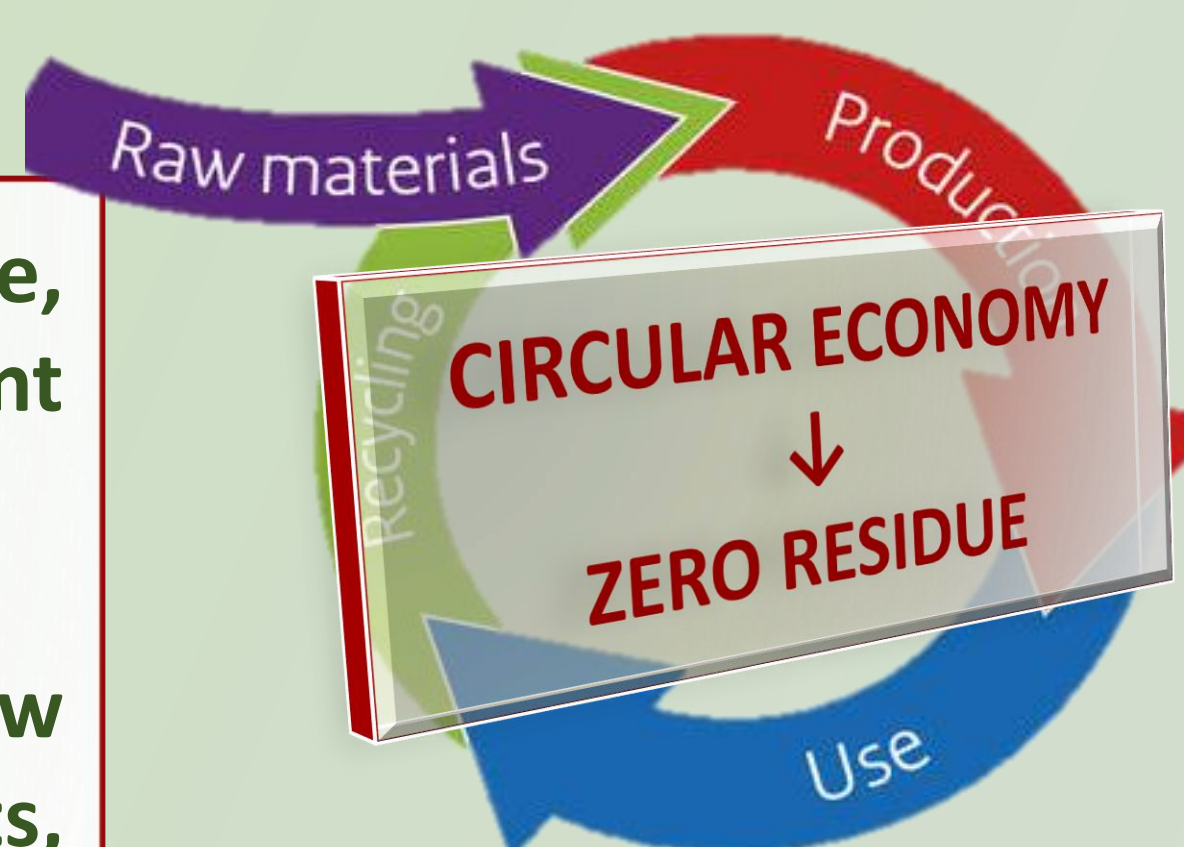
➤ The sector, to be competitive and comply with legal requirements, should promote a circular economy, looking for new alternatives for effluent management.



GOALS

➤ Adding value to livestock effluents as a resource, focusing on production and integrated management of different flows generated.

➤ Optimize the use of effluents as secondary raw materials, recovering energy and nutrients, improving nutrient balance at the farm level and promoting sustainable management.



EXPECTED RESULTS

➤ A guide for effluent management, including technology portfolio, linked to farm characteristics and regional constraints.

➤ Support decision-making on centralized / decentralized solutions.

➤ Contribute to the intensification of sustainable livestock and landscape planning, addressing climate change and scarce resources.



ACTION LINES

- Feeding animals
- GHG mitigation
- Soil fertility
- Geo-referenced database
- Innovation solutions

- ⌘ Characterization of intensive production systems;
- ⌘ Measures to mitigate emissions and primary treatment of livestock effluents;
- ⌘ Valorization of effluents;
- ⌘ Socio-economic and multi-criteria impact studies;
- ⌘ Demonstration / dissemination activities.

PARTNERSHIPS

SCTN:



Federations / Associations:



Production groups:



Companies:

