"ASHES": an Interreg program for a best use of ashes in agriculture: Partners Search







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Context

ASHES are by-products of domestics, farms or industry activity used as PK fertilizers, raw materials or waste. There is no a common ASHES legal statut in North West Europ. The quantity of ashes is increasing each year with 2-3 millions tons only in french market) and now phosphorus is a strategic materials in Europ since 2015. The mineral fertilizers (MF) prices are increasing.

Project presentation

The purpose of ASHES project is to look at management strategies (vocabulary, state of art, circular economy and new regulation, PILOT, process, methodologies, burners and biomass selection, methods, data, positive list, certification to improve use of nutriment from ashes in agriculture in Europe.

This projects will be in order to improve exchanges or local use of ashes in agriculture as fertilizers, liming materials or raw materials and avoid waste statut.

Some new effects will be studying (PK fertiliser, Liming materials and Biocid effect when ashes are mixed with compost/manures)

Regulation

For imports or use in France, Belgium and Germany, currently, the laws, the regulations for producers or sellers are French and German laws for Agriculture and Market control, Environment, French Standards (NF U 42-001 for ashes/44-051-/44-095-/44-551).

e.g. Waste Framework Directive

(Directive 2008/98/EC)

National Ordinance for circular economy

(Germany, ...)



Mineral and liming Fertilizers regulation

(Regulation EC N°2003/2003)

+ national LAWS for fertilizers (french NF U 42-001...)

Animal By Products
Regulation ECR 1069/2009



Links:











→ Partners :

- ❖ 1-Universities
- ❖ 2- Research Labs
- 3- Farmers Advisers / Farmers / Chambers
- ❖ 4- Producers
- ❖ 5- Territories clusters
- ❖ 6- Environment Agency- Safety agency/ ministries
- ❖ 7- SME Small Medium Enterprises
- ❖ 8- Clusters
- ❖ 9- Others...

→ WP1 STATE OF ART :

- → WP2 New and best process
- → WP3 New methodology
- → WP4 Agronomic efficiency
- → WP5 New analytic methods/ rapid tests
- → WP6 Certification/ propositions for CE and transfrontalier new regulation
- → WP7 Coordination
- → WP8 Communication

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indicators

- 1. Use more ashes as PK fertilizers and liming materials to replace synthetic or mineral soils improvers with a short carbon print
- 2. Have European or cross border Analysis standards for microbiological, chemicals, physical efficiency, homogeneity, stability and safety parameters
- 3. Use a ASHES quality system with different grades for cross-border or local exchange with a specific labelling for ashes and mix with raw materials (digestates, manures, agro food, sewage sludges)
- 4. Have an admissible deviation list for some labelling parameters (P, water K, S, Mg, NV homogeneity, particles sizes...)
- 5. Have more energetic edges and biomass burners in "2 seas" program area
- 6. Have data to show P K efficiency in ashes and mix with ashes, with long and medium term filed assays
- 7. Have a cross border regulation about ashes
- 8. Build a ASHES platform