



CRPA

Research Centre on Animal Production

PROJECT

STRUVITE – Treatment of livestock effluents and digestates to reduce emissions and produce Struvite

ABSTRACT

The project aims to develop a prototype capable of treating swine manure and digestates in order of recovering a fertilizer with high concentration of nutrients (struvite) and a liquid fraction with a reduced nitrogen and phosphorus content.

The activity tries to promote the delocalisation of the surplus of nutrients from areas with a high livestock presence towards areas characterized by demand for synthetic chemical fertilisers, in accordance with the principles of Nutrient Recovery and Reuse and with the Farm to Fork targets.

REFERENCE

<https://struvite.crpa.it/>

<https://agricoltura.regione.emilia-romagna.it/progetti-innovazione/raccolta-progetti-innovazione/qualita-aria/bando-2020/trattamento-degli-effluenti-e-digestati-zootecnici-per-ridurne-le-emissioni-e-produrre-struvite-struvite>

<https://ec.europa.eu/eip/agriculture/en/find-connect/projects/trattamento-degli-effluenti-e-digestati-zootecnici.html>