

**Press Release**

## FERTITEC's First Database is now Live!

*With the release of the database of technologies, techniques, and practices for recovering and recycling nutrients from secondary raw materials to produce alternative fertilising products, our project takes its first true step in systematising and spreading knowledge on nutrient recovery as a means to achieving a more sustainable agricultural sector.*

As a result of the efforts led by IUNG, with the support of all project partners, our consortium has produced a database that includes 185 technologies, techniques, and practices for nutrient recovery from 18 EU and national projects, covering all parts of Europe and also Eastern Africa.

Each practice was described in detail, with particular attention paid to biomass type, the possible final product, region of implementation, and technology readiness level. This allowed for analysis of the prepared database in terms of estimating the main biomass streams used to produce fertilising products through the described practices.

According to the collected data, the most frequently processed type of biomass is agricultural biomass accounting for over 50 percent of all kinds of biomass mentioned in the database, which includes manures, crop residues, animal feed waste, digestate, compost, and secondary raw materials like ash from biomass combustion, biochar from pyrolysis, and struvite or ammonium sulphate from manure processing. While the most common type of fertiliser product obtained as per the database was organic and inorganic fertilisers.

This database was designed to collect and systematise the wealth of knowledge generated through our partnership's efforts during past initiatives. It is one of the more comprehensive and detailed free databases of its kind and being openly accessible online it represents a valuable and convenient resource to be used by researchers, agricultural sector entities, and current/future EU projects.

Take a look and access the database through the following means:

Website: <https://fertitec-project.eu/datasets/>

Zenodo: <https://zenodo.org/communities/fertitec/records?q=&l=list&p=1&s=10&sort=newest>

Get ready for more! Stay tuned.