



# B-Ferst

Farmers and industry together  
for a sustainable agriculture



## Innovative fertilisers from bio-waste

### A paradigm shift in the fertiliser value chain

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To meet the growing demand for food, agriculture needs to become more productive and resilient to climate shocks, while reducing waste and dependency on non-renewable resources. For the farming sector, this results in an increase of its sustainability in the use of soils and nutrients. Bio-based fertilisers can be part of such a change.

B-FERST proposes to shift the fertilisers value chain from the current production-income approach to a sustainable production model focused on tailor-made bio-based fertilisers. The ultimate goal of B-FERST is to get farmers and industries on board to make agriculture more sustainable.

### What will B-FERST do?

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**Valorise** underexploited bio-wastes to turn waste management problems into economic opportunities by creating an internal market for bio-based secondary raw materials in the EU.

**Create** new circular and bio-based value chains using bio-waste in order to guarantee a secure and sustainable supply of biomass feedstock.

**Develop** tailor-made bio-based fertilisers which will allow farmers to increase their crop productivity in a more sustainable and eco-friendly way.

**Enhance** the collaboration between farmers and bio-based industries to maximise the efficiency and reduce the environmental footprint of crop production.

# B-FERST in numbers

**+8**

.....  
new bio-based  
fertilisers

**+5**

.....  
demo sites to test  
fertilisers

**+15/40%**

.....  
re-use of bio-waste  
in crop production

**-10%**

.....  
of CO<sub>2</sub>, water  
and energy  
consumption

**+3**

.....  
new integrated  
and sustainable  
value chains

**+2**

.....  
new market-  
driven bio-based  
products





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Project coordinator  
FERTIBERIA  
coordinator@bferst.eu

Communication secretariat  
FONDAZIONE ICONS  
info@bferst.eu

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