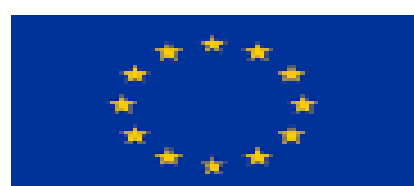


Horizon 2020
European Union Funding
for Research & Innovation



NewFert. Nutrient recovery from biobased waste for fertiliser production (H2020-BBI-PPP-2014-1)



This project has received funding from the Bio Based Industries Joint Undertaking under the European Union's Horizon 2020 research and innovation programme under grant agreement No 668128".

Motivation of the project:

Europe is highly dependent in nutrient imports

The nutrients end up in wastes:

sludge, manure, water, ...

Expected impacts:

- ✓ Take advantage of the nutrient accumulation in bio-wastes
- ✓ Improve waste management and valorisation
- ✓ Reduce nutrient dependence from abroad
- ✓ Increase resilience of the fertiliser industry
- ✓ Improve agricultural sustainability
- ✓ Improve farmer competitiveness



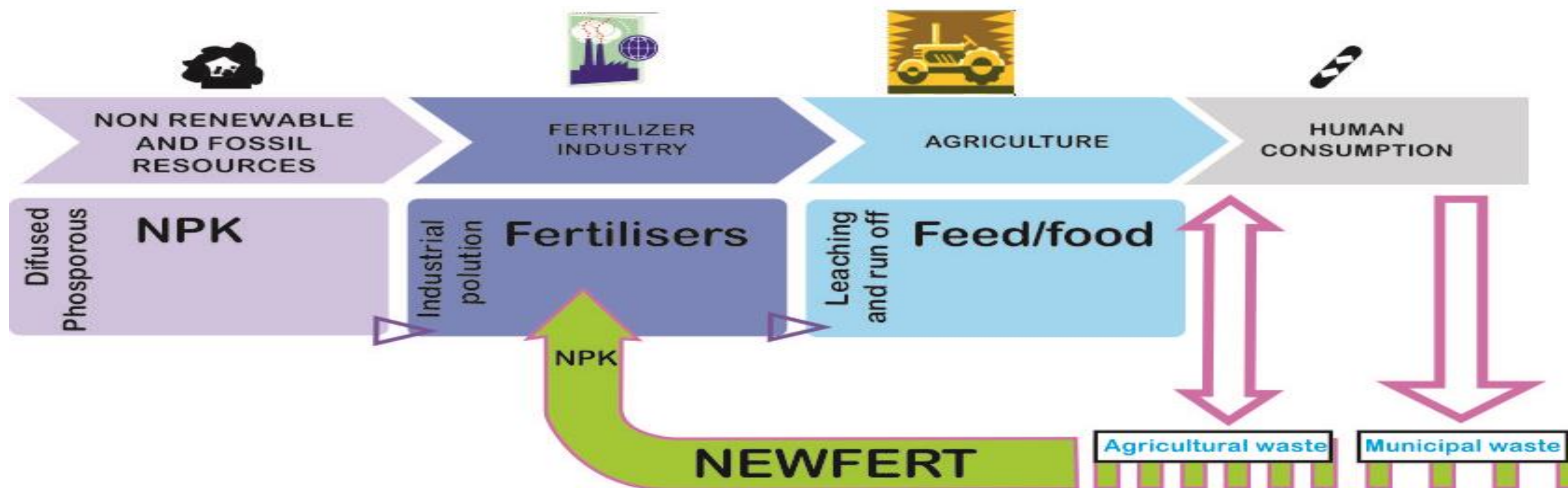
Current state of the project: month 30 (out of 42)

Main Outcome:

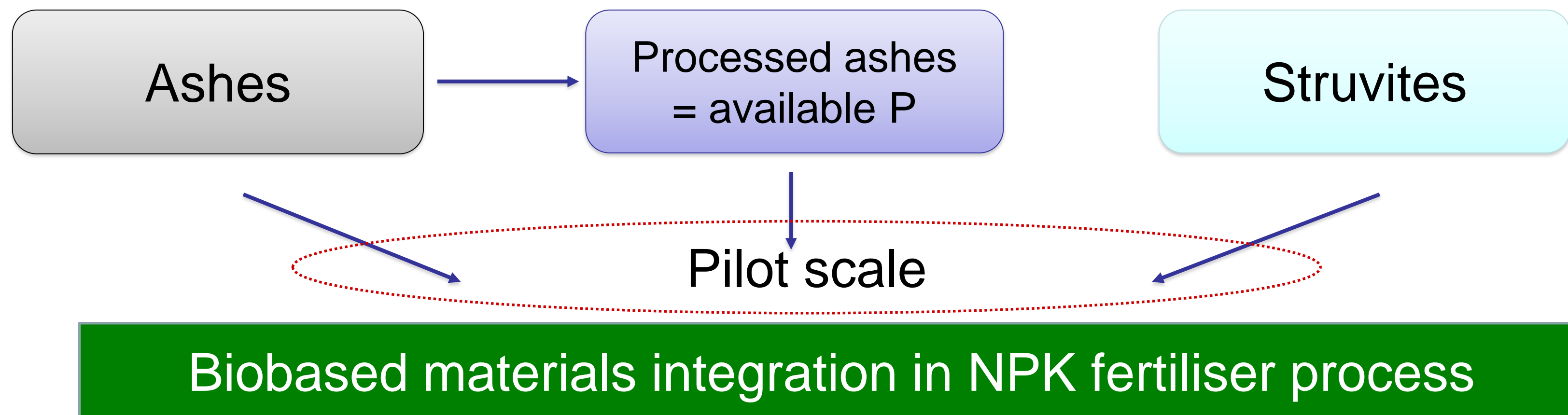
Recovery and valorisation of nutrients (N, P and K) from biobased waste streams for fertiliser production

New family of Advanced Fertilisers:

- ✓ Efficient
- ✓ Profitable
- ✓ Environmentally friendly
- ✓ Safe



- **> 45 biobased materials analysed** (10 selected for inclusion within fertiliser processes)
- **3 groups of new raw materials** for the fertiliser industry:



- **Up to 15 % nutrients substitution rate** from biobased materials, for the time being.

