

# Segregated collection and decentralized treatment for resources recovery.

## Run4Life project

### Run4Life Change of concept: Decentralised resource recovery at the source

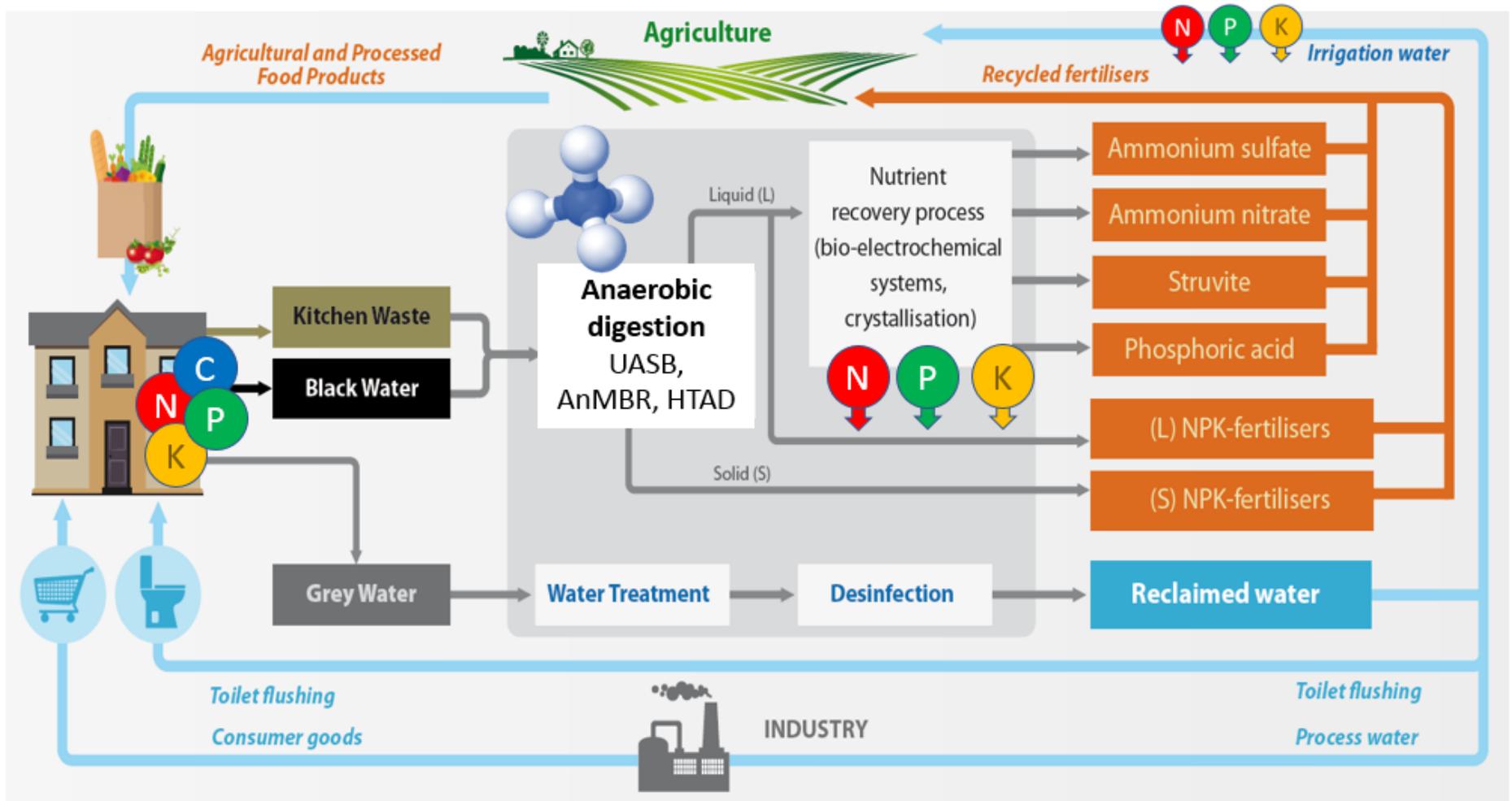
#### 1. Separation at source

➤ Black water (BW), kitchen waste (KW) and grey water (GW)

#### 2. Technological innovations and new business models.

#### 3. Break barriers to implementation: market uptake, and social and legal acceptance





# Phosphorus products from Run4Life

- Helsingborg, Sweden



**NPK pellet**  
(tailor made  
fertilizer)

- Dewatered food waste sludge from anaerobic digester
- Struvite
- Ammonium sulphate
- Commercial potassium chloride



- Ghent, Belgium



**Struvite: Nuresys Process**

**Phosphoric Acid: Off-site EuPhoRe Process**

- Sneek, The Netherlands



**(Hyper)-Thermophilic  
anaerobic digestion**



- Most P ends up in the  
hygienised sludge

- Vigo, Spain



**Struvite: Aquavite Process**

**Water for fertirrigation**

