

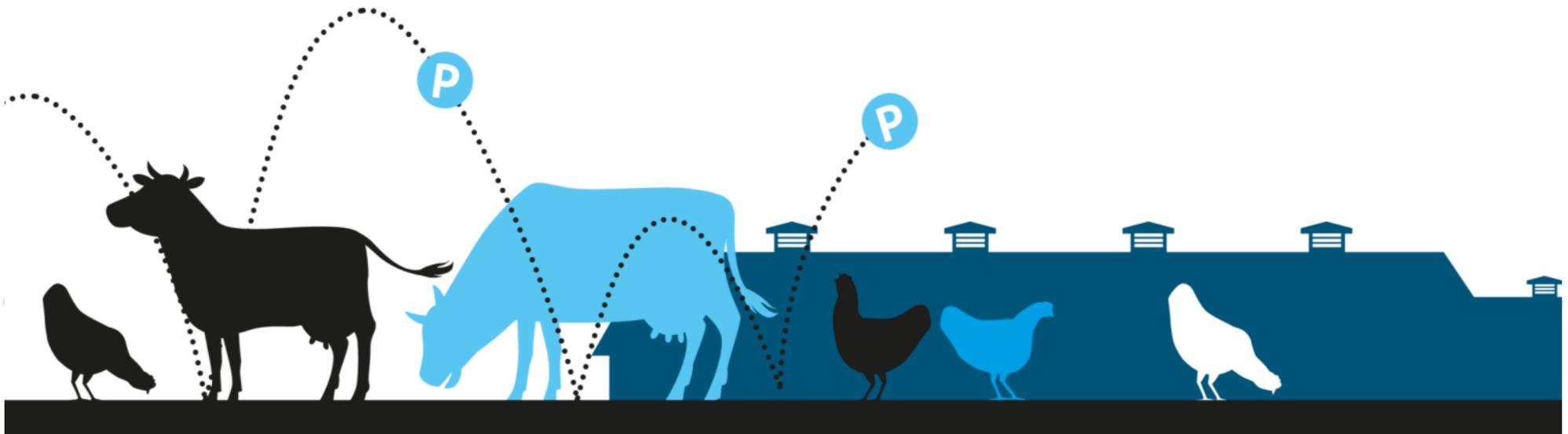


European Sustainable Phosphorus Conference 2013

Opportunities for a European phosphorus future

Prof. Dr. Eric Smaling

Chair of the Dutch Nutrient Platform



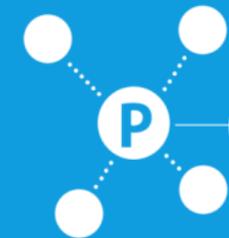
Avenues towards change:



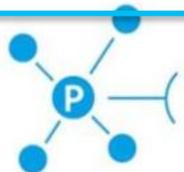
Use less



Recycle more

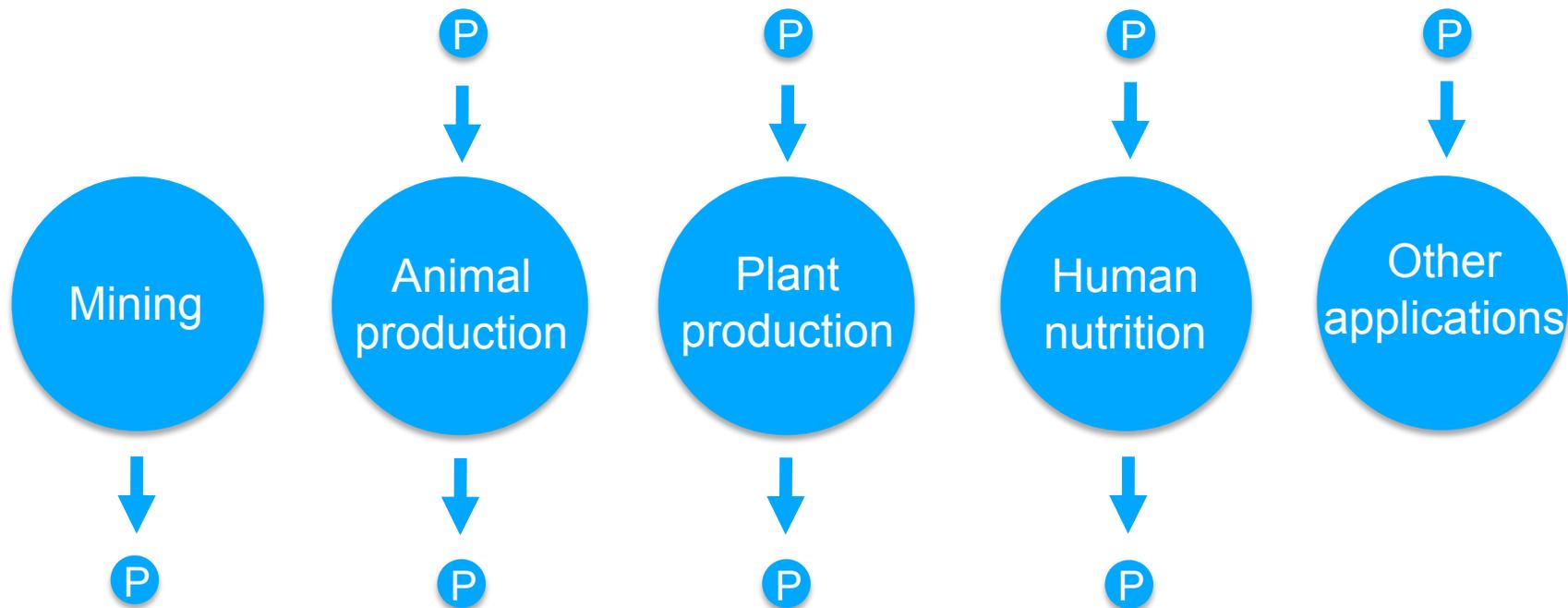


Cooperate

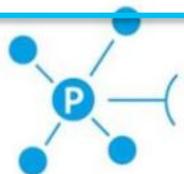


P → **P** → **P** — (Use less

Use Less in:

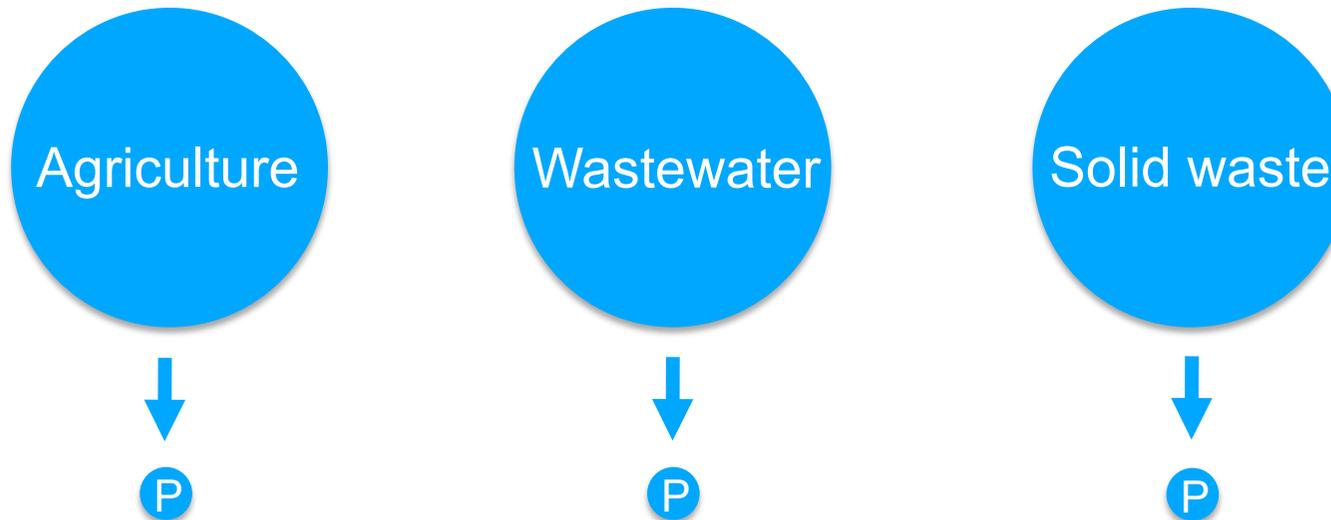


Decrease P input/output ratio

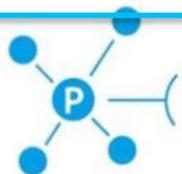


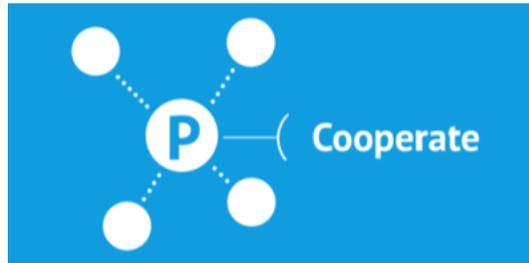


Recycle more from:

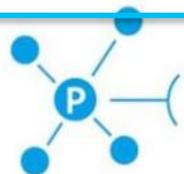
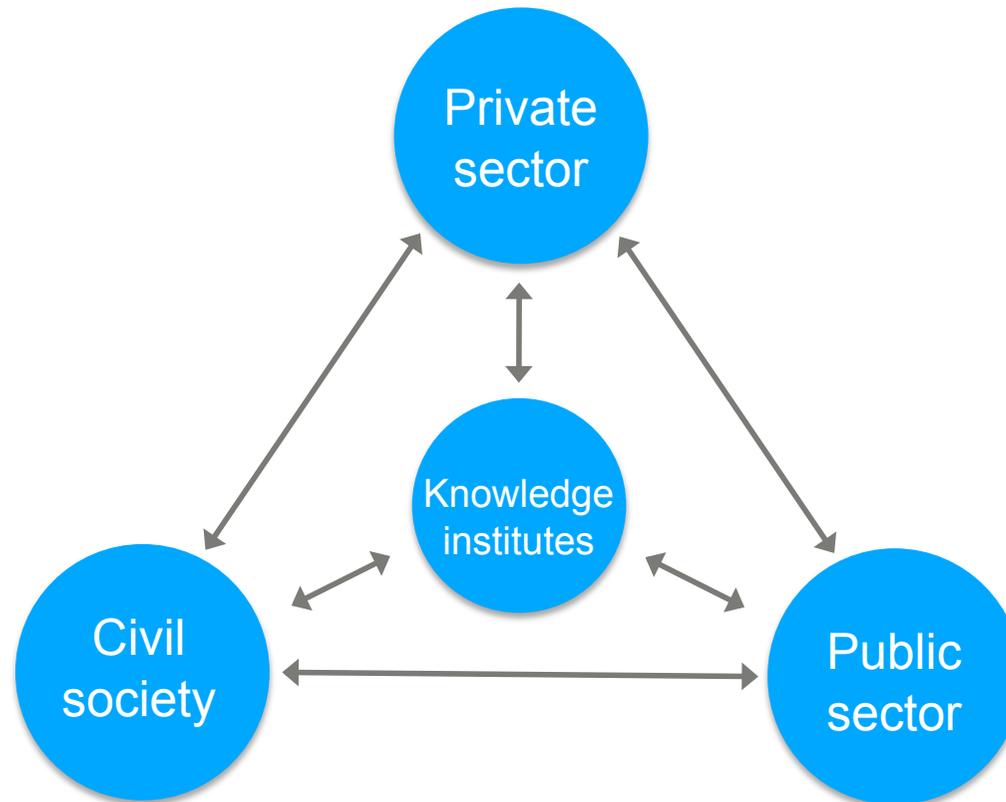


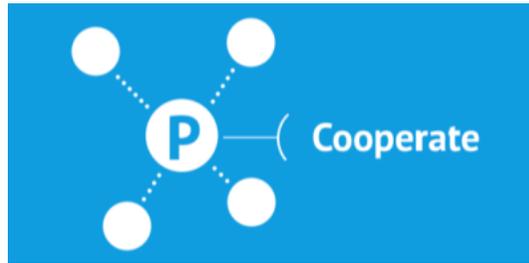
Close the loop and create a European market for recycled P!



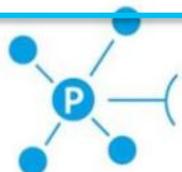
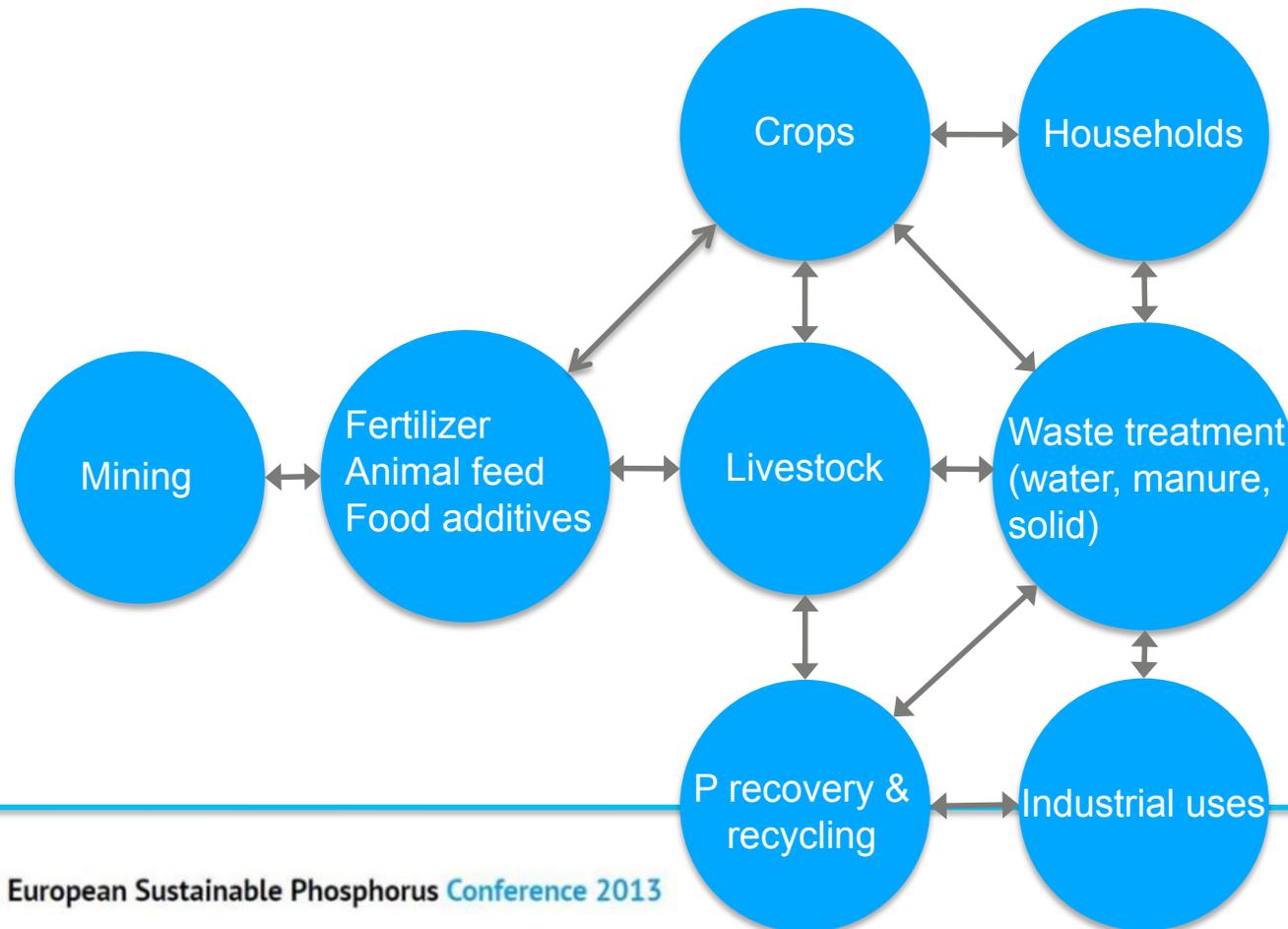


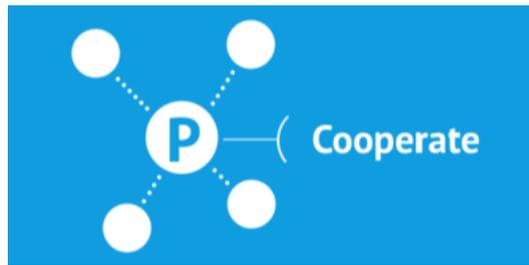
Smart cooperation: Within the Triple Helix



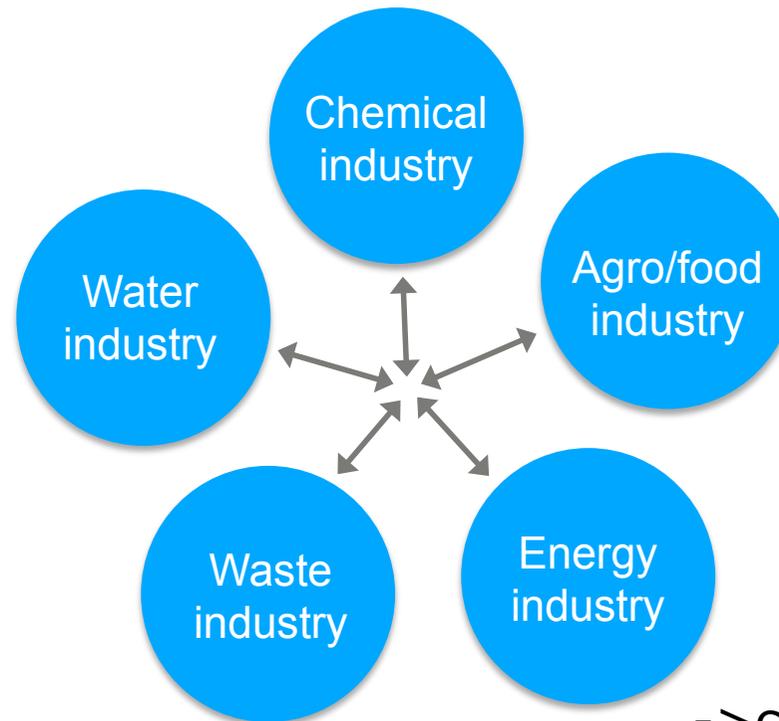


Smart cooperation: Throughout the phosphorus value chain

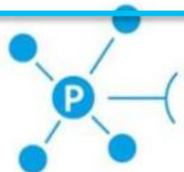


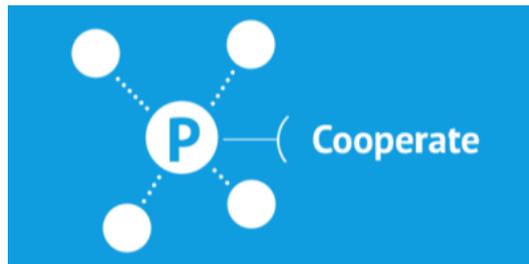


Smart cooperation: Between industries



->cross-sectoral alliances!





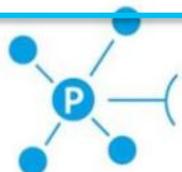
The Value Chain Approach

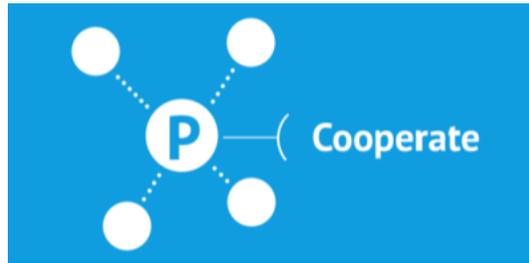
- The Netherlands: Nutrient Platform since 2011
- Boost after government involvement: Value Chain Agreement
- Cross-sectoral cooperation within triple helix

- Success factors:
 - Building trust
 - Focus on innovation
 - Working together on concrete business cases

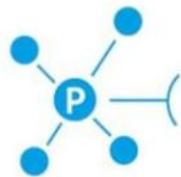
- Results: new market, new jobs and resource efficient companies

- Added value in the Netherlands & Flanders -> also at EU level?





Smart cooperation in the EU



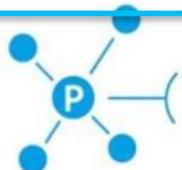
ESPC2013:

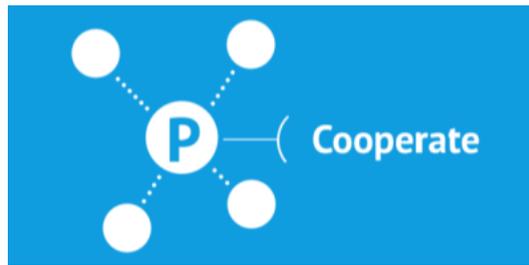
-> Organized with similar approach

- Building trust
- Inclusiveness
- Openness

-> Should drive sustainable process instead of being ad hoc event

-> Is the start of a European Phosphorus Platform



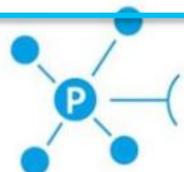


From supporter of ESPC2013....



...to supporter of a European Phosphorus Platform
Join now!

for more information please visit the exhibition area



European Sustainable Phosphorus Conference 2013