# P recovery system selection

a

# Livestock facility data



- Geographical location
- Type and number of animals in the facility

b

# Environmental & geographic information model

- Trophic State Index
- TES indicator
- M3P phosphorus

C



### Techno-economic model

- Mass and energy balances
- Process economic evaluation
- Environmental performance

d

## MCDA model:



- P recovery efficiency
- Effluents environmental risk
- Economic barrier for technology deployment
- Economic performance
- Technology readiness level

e



### Policies assesment:

- CAPEX & OPEX estimation
- Revenues from product sales
- Revenues from incentives
- Estimation of P recovery cost
- P recovery cost vs. P release cost

Incentives assessmen