



PHORWater

Integral Management Model
for Phosphorus recovery
and reuse from Urban Wastewater

Nutrient data monitoring to support decision making

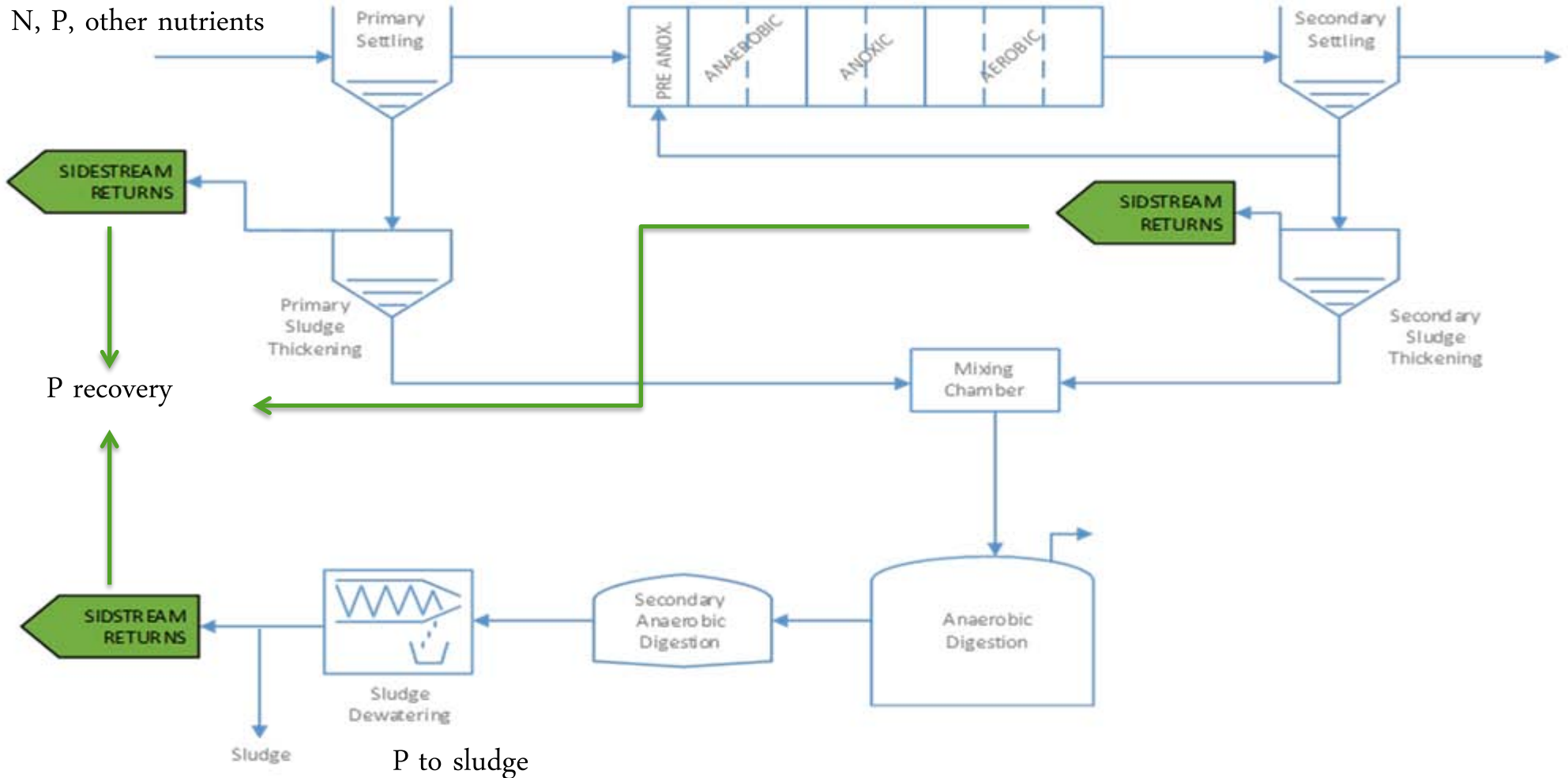


LIFE12 ENV/ES/000441

1. WWTP process

N removed as N_2

P to water bodies



2. Questions

Why do we need data on nutrients?

- Evaluate impact of nutrients discharges into the environment.
- Evaluate amount of P that can be recovered.
- Evaluate effectiveness of new technologies.
- Promote researching on nutrients recovery.

Which data do we need?

- Amount of P coming into WWTP.
- Amount of P going out with the effluent.
- Amount of P that could be recovered.
- Amount of P lost inside WWTP (uncontrolled precipitation)

What is currently missing.

- Lack in P monitoring.
- Data hard to find.
- No actual data (10 years ago)

3. Conclusion

If we want industry to invest in P recovery we have to be able to quantify and evaluate the benefits of its implementation

With no regulation why should they invest?



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