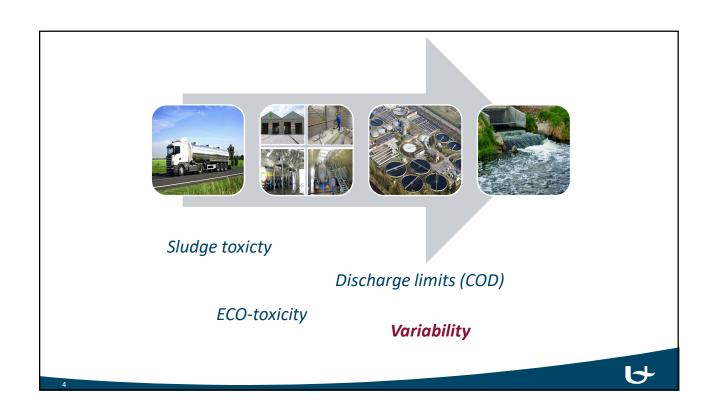


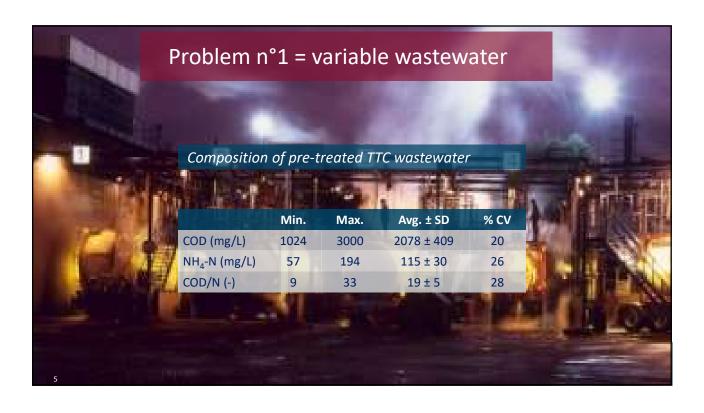
## Content

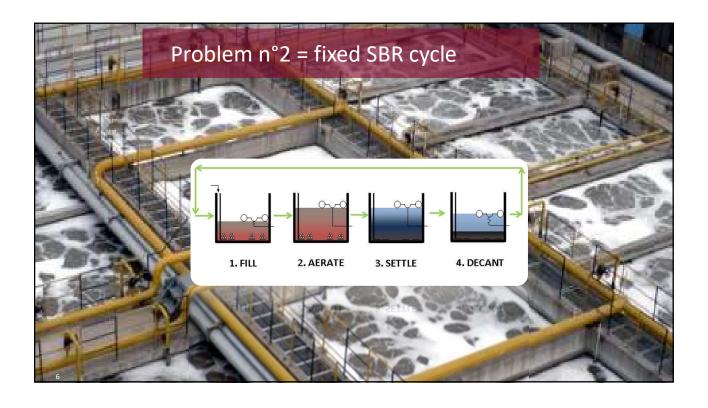
- The problem
- A potential solution
- Back in the "old days"
- Conclusion

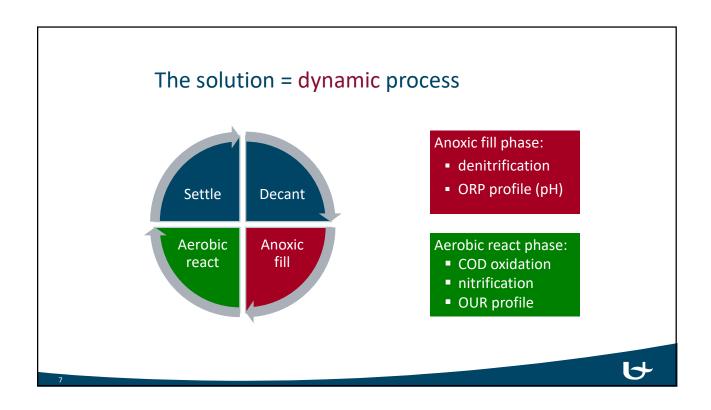
4

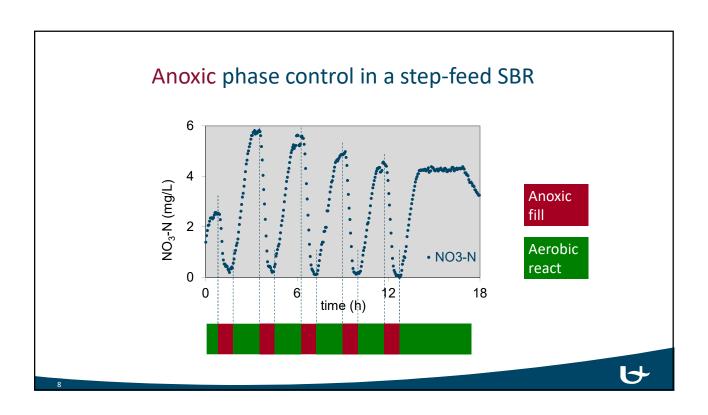


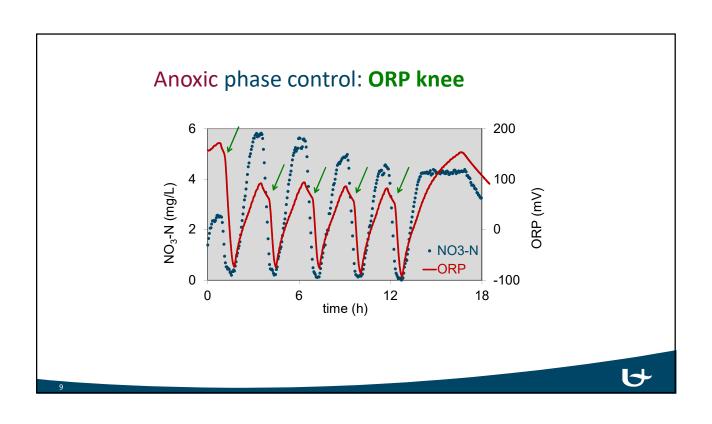


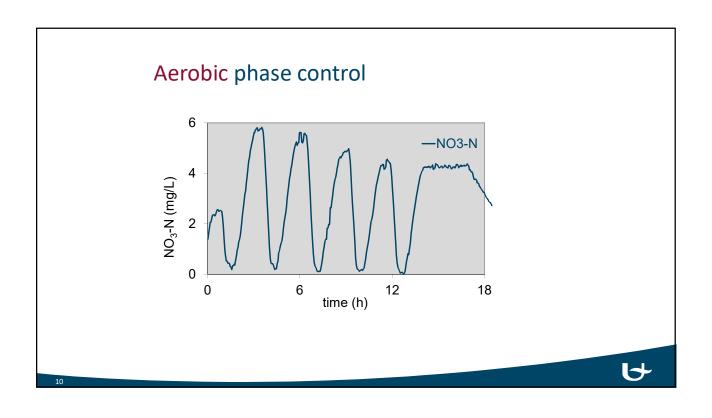


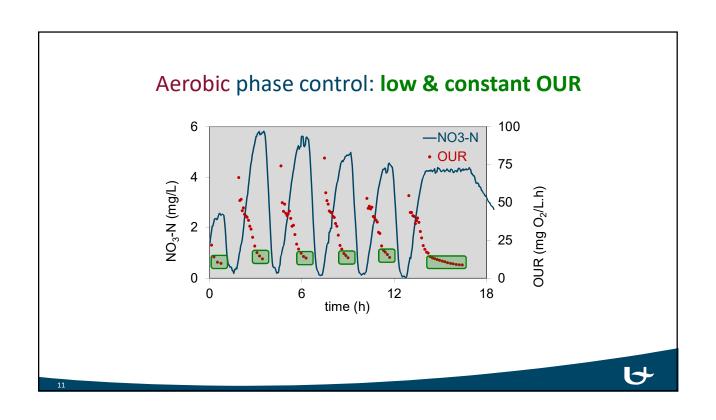


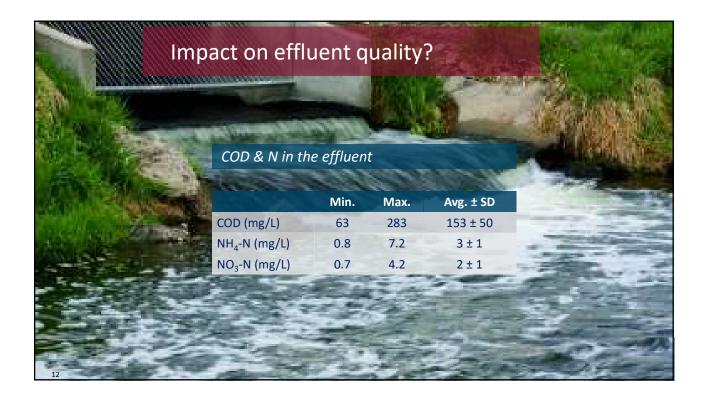


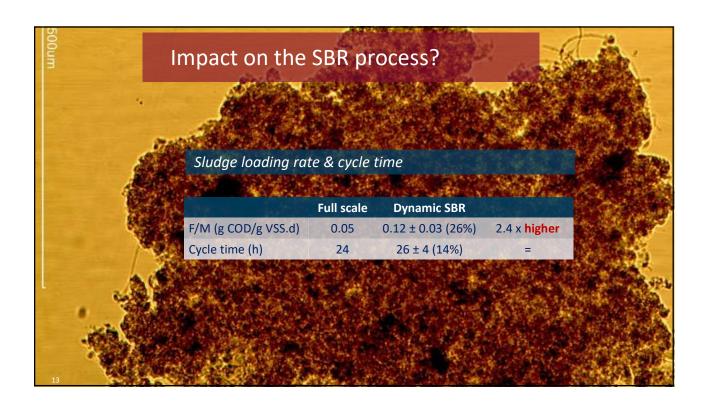


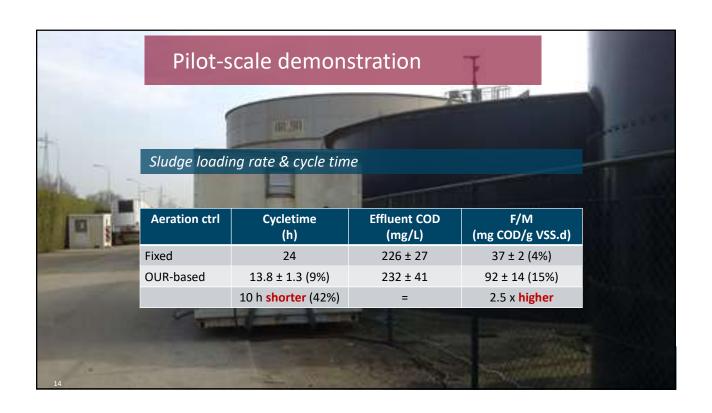












## Conclusions, part 1

Simple *rule-based* control strategy using robust sensors

SBR cycle with variable length, depending on

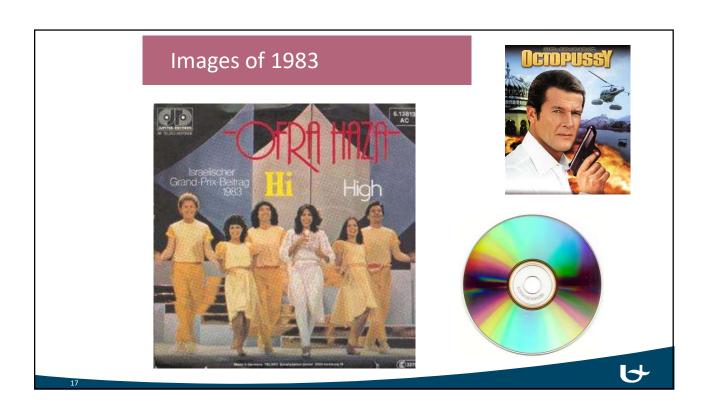
- characteristics of the wastewater
- activity of the micro-organisms

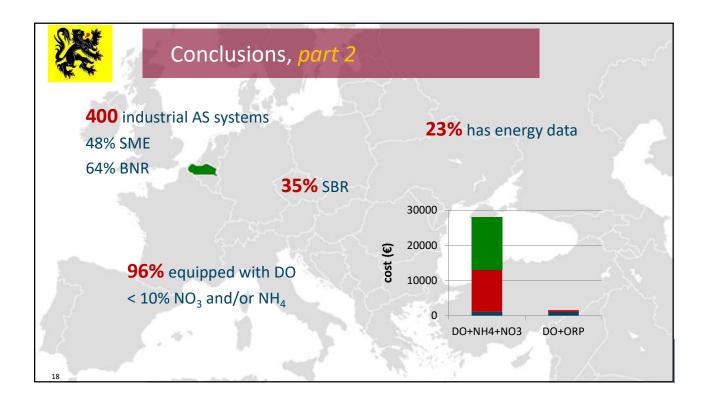
But...

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## More info?



Real-time control:Dries (2016) WST 73: 740-745

contact: jan.dries**2**@uantwerpen.be

- Ecotoxicity in industrial effluents:
  Caluwé et al. (2018) Environmental Technology 39: 2524-2533
- Industrial WWTP survey in Flanders: Cornelissen et al. (2018) WST 78: 957-967

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