Creating and implementing a Circular Scheme for Sanitation

Laurent Brunet
France/ Professional Federation of Water Companies
The progress of Sanitation: From hygiene to circular economy

1. Health and hygiene: how to protect human beings from diseases carried by dirty water?

2. Environmental protection: how to protect aquatic environments against massive discharges of wastewater?

3. Circular economy: how to recover resources from wastewater of urban areas?
Sanitation and wastewater as local resource of:

- Water
- Energy
- Fertilizers
Levers and obstacles

• Growing Public awareness

• Evolution of Governance, regulations and legal frameworks

• Technological Development

• Better control and operation of sanitation systems

• Cultural reluctance

• Regulatory rigidity

• Economic viability of the projects

• Emerging sanitary concerns
How to go further? The Virtuous Triangle

- INCREASE AND DISSEMINATION OF KNOWLEDGE
- TECHNOLOGICAL PROGRESS
- TRANSPARENCY AND COOPERATION BETWEEN STAKEHOLDERS
- CONFIDENCE AND TRUST IN WELL MANAGED SANITATION SYSTEMS
- POLITICAL COMMITMENT
- EUROPEAN AND NATIONAL FRAMEWORK

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Email address: laurent.brunet@suez.com
Website: https://www.fp2e.org/
Twitter: https://twitter.com/fp2e_
LinkedIn: https://www.linkedin.com/company/fp2e/