Creating and implementing a Circular Scheme for Sanitation

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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

- **Political Commitment**
- **Increase and Dissemination of Knowledge**
- **Technological Progress**
- **Transparency and Cooperation between Stakeholders**
- **Confidence and Trust in Well Managed Sanitation Systems**
- **European and National Framework**

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Thank you

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