

# Sustainability Indicators for Assessment of Urban Water Systems:

## The need for a common ground



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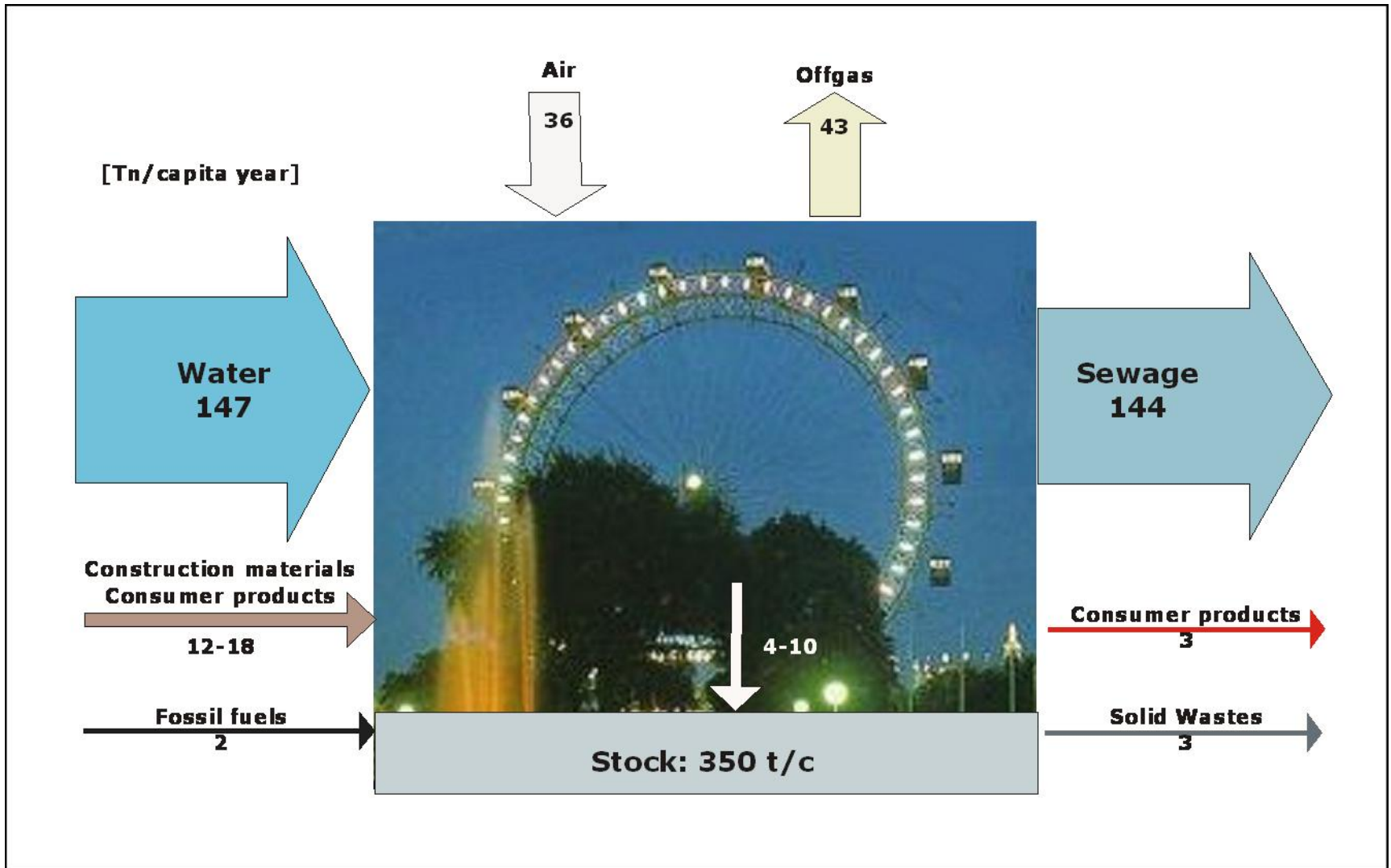
An aerial photograph of a city, likely London, showing a river (the River Thames) winding through the urban landscape. The image is partially visible on the left side of the slide, showing buildings, roads, and green spaces.

# Content

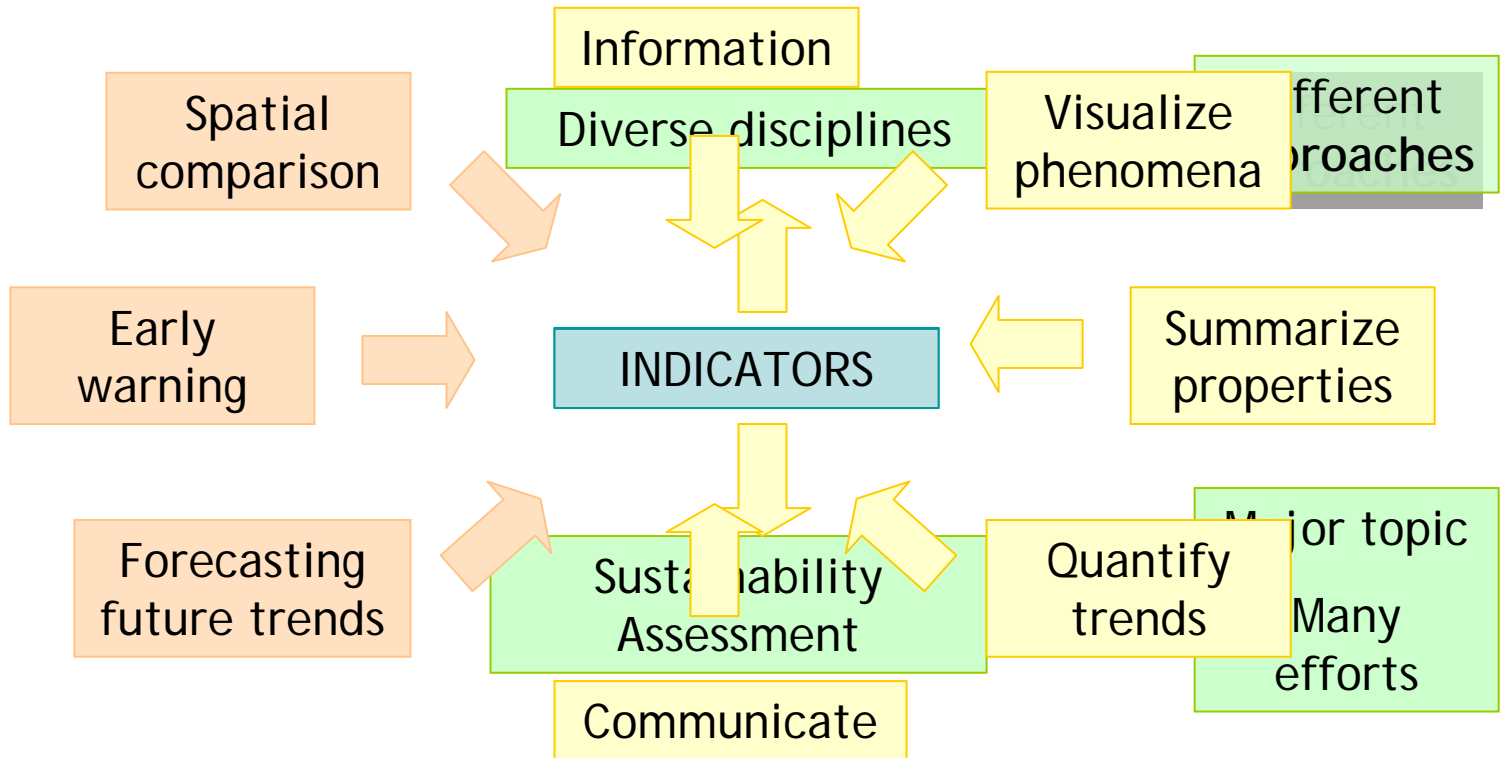
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- Cities and water
- Indicators and Sustainability Assessment
- Review of Sustainability Frameworks
- Five tensions to solve
- A Way Forward

# Cities and Water



# Indicators for Sustainability Assessment



# Review of Sustainability Frameworks

## APPROACHES

- DoS
- PSR / DPSIR
- MFA / SFA

## MATERIAL FLOW ANALYSIS





# Five tensions to solve

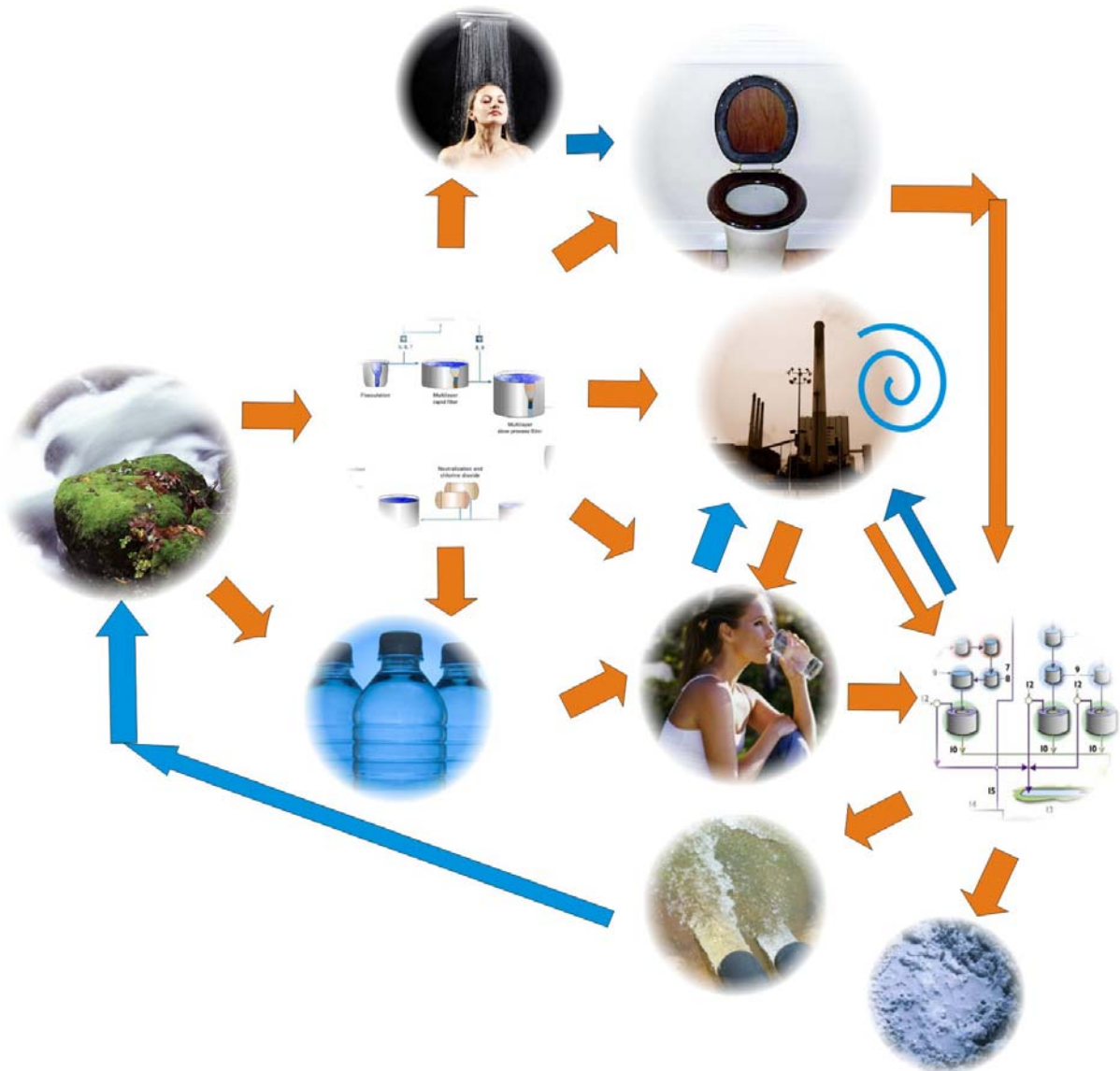
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1. What is considered as “sustainability” of UWS?
2. Should the emphasis be on current water problems or on thinking about the future viability of the city?
3. What is the system under analysis? Or, in other words, what is UWS comprised by?
4. Should the emphasis of SI for UWS be on internal performance or external effects?
5. How should the diverse stakeholders’ views and interest be taken into account?

# A way forward

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- UWS - Multilayered system
- MFA complemented with environmental/social tools to analyze the distributional effects
- Definition of sustainability
  - Natural limits
  - Stakeholder dialogue
  - Temporal scale



Thank you





# It means in a city....

