

# AquaConnect General Assembly

## The impact of freshwater valuations and policy instruments on the transition towards a circular economy of water – The Putten case study

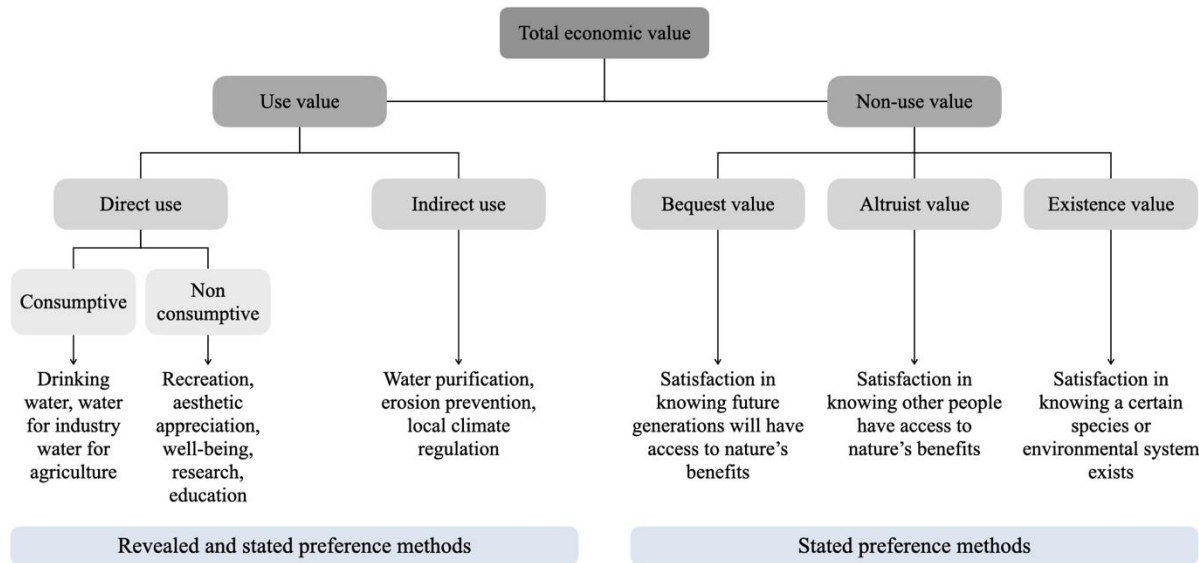
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# Water is fulfilling multiple ecosystem services, that are associated with multiple values



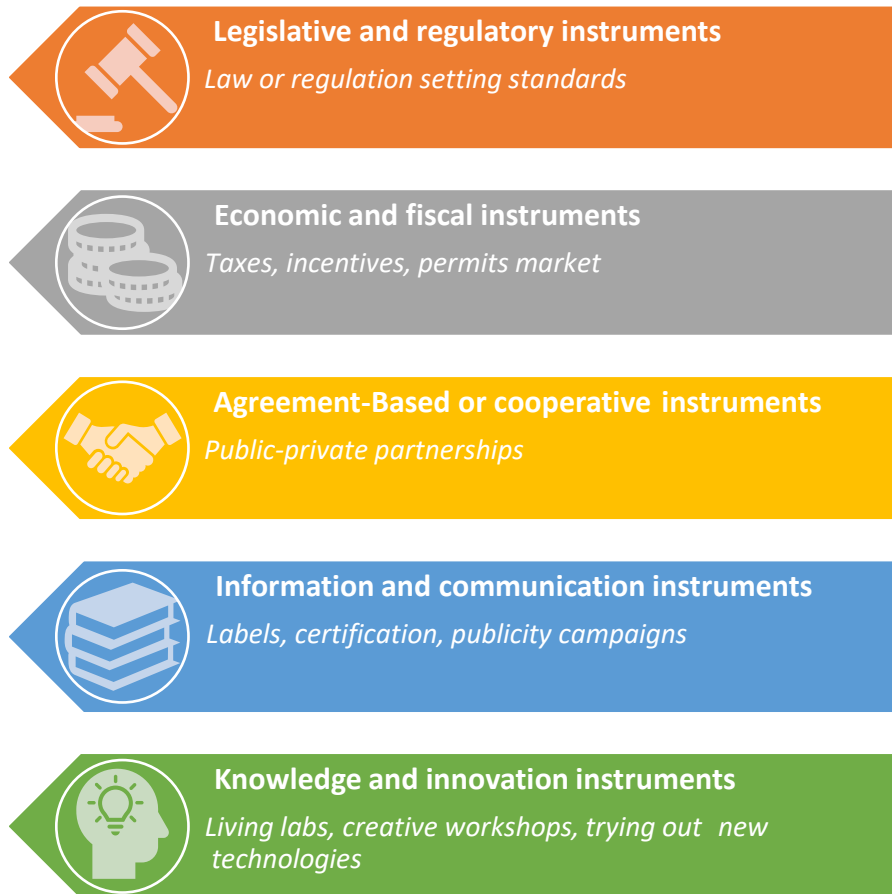
Value types of water within the total economic value approach, adapted from Pascual et al., 2010

Why should we incorporate valuations methods and water values in the decision-making processes?

- Improve decisions impacting water
- Invest and innovate
- Educate and raise awareness

How does circularity challenge existing water valuations methods? Which valuations are more suited for circular water projects? How are they incorporated in decision-making processes?

# Exploring the impact of policy instrument design and coordination in circular water policies



Each policy instrument type can be:

- Legally binding or voluntary
- Fixed or changeable (i.e. dynamic)

**Policy coordination challenge** between all policy instruments: there can be synergies and/or overlap between all the different policy instruments. Also, some non-circular policies might still have an impact on circular projects.

**How can policy instruments or mixes of policy instruments facilitate the transition towards a Circular Economy of Water?**

*Typology of policy instruments in environmental policies, adapted from WOT Natuur & Milieu report 60, 2015*

# The Putten case-study



A new neighborhood is under construction  
Current central WWTP is arriving at capacity  
Discussions undergoing between different stakeholders involved  
for the development of a potential local solution  
Different scenarios are being studied



**Study and understand the role of economic evaluations and public policy instruments in the emergence of potential circular water projects**