NextGen's Main Results

– and Key Messages

nextGen
Circular Water Solutions

NextGen has challenged embedded thinking and practices in the water sector by embracing circular economy principles and technological innovation

NextGen went beyond current approaches that target incremental improvements in water, resource, and energy efficiency. It provided the whole value chain with a Circular Economy approach demonstrated at large scale.

CASE STUDY

10 demo cases

across 8 countries

Reducing water, energy and material consumption.

Prevention of pollution to water ecosystems

Providing added value of recovered resources to be used in other sectors

NextGen's

10

demo cases provided evidence-based knowledge on the conditions for the transition to a circular economy in the water sector

Framework conditions:

1. Sustainable circular water technologies at system level
2. Circular value chains and business models
3. Societal acceptability and stakeholders engagement
4. Supportive policy and regulations

@NextGenWaterEU

@NextGenWaterEU

nextgenwater.eu/

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N°776541

NextGen's Main Results

– and Key Messages

nextGen
Circular Water Solutions

NextGen created a platform that supports the market uptake of circular water solutions.

NextGen has launched the Water Europe online match-making marketplace for products and services, that showcases circular water technologies, environmental and economic assessment tools, and best practices to implement circular economy solutions.

Policy recommendations
From NextGen

Include the water sector in energy efficiency and renewable energy.

Adopt the water fit-for-purpose principle.

Create simpler and less costly routes to market for recovered resources.

Other Policy recommendations:

- Introduce reporting requirements for recovered products.
- Extensive application of digital solutions to increase reporting
- Support financial incentives targeted to circular water technologies.
- Improve alignment between directives and incentivise circularity.

@NextGenWaterEU

@NextGenWaterEU

nextgenwater.eu/

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N°776541