

Workshop Title	Implementing circular solutions in the water cycle – impact, opportunities and barriers
Topic	X Circular solutions: Reuse, Recover and Recycle
Leading Challenges and Solutions	<p>Climate neutrality in the EU by 2050 – this is the vision in the European Green Deal. A transition to a sustainable and circular water sector is required if we want to make this ambition a reality. First steps include improving operational efficiency and investing in on-site energy production capacity. Further contributions can come from reuse and resource recovery. These solutions typically offer long term benefits, but their implementation often faces (perceived) short term cost, organizational and/or legislative hurdles. What is the key to successful full-scale implementation of circular solutions? Is it vision and ambition in an organisation? Is it collaboration by organisations throughout the water cycle? What is the role of the business case, of governance and of legislation? In this workshop success stories of implementing circular solutions will be presented, discussing their key success criteria. Furthermore, a backcasting methodology to support the decision making required to realise the long term vision. In the second half of the workshop participants will apply the lessons learned and the methodology on case studies to learn about impact of choices, opportunities and barriers to implementing circular solutions.</p>
Session Chair	<p>Joep Van den Broeke KWR Water Research Institute The Netherlands Joep.van.den.broeke@kwrwater.nl</p>
Session Description	<p>Session description (up to 50 words)</p> <p>Following a setting the scene with 3 short presentations. workshop participants (in sub-groups) will apply the lessons learned and the backcasting methodology on case studies to learn about impact of choices, opportunities and barriers to implementing circular solutions. Outcomes will be coupled back in a plenary wrap-up of the session.</p>

Learning Outcomes	<p>1. Insight into the factors behind successfully implemented circular solutions.</p> <p>2. Understand the principles of backcasting and how it can be applied.</p> <p>3. Understand how historical decisions influence current and future business and how solutions to be implemented in 10 – 20 years require decisions in the next 1 – 5 years.</p> <p>Up to 50 words (in total).</p>
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Structure (interaction required!)	<p><input checked="" type="checkbox"/> Speakers</p> <p><input type="checkbox"/> Panel discussion</p> <p><input type="checkbox"/> Training</p> <p><input checked="" type="checkbox"/> Roundtables discussion</p> <p><input type="checkbox"/> World Cafe</p> <p><input type="checkbox"/> Other. Which?</p> <p>Speakers followed by round table discussions (each table to receive a specific challenge to be discussed) and plenary reporting of the discussion outcomes.</p>
Speakers	<p>1. Preben Thisgaard, Kalundborg Forsyning, Denmark</p> <p>2. Pauline Ottoy, De Watergroep, Belgium</p> <p>3. Henk-Jan van Alphen, KWR Water Research Institute, the Netherlands</p> <p>4. Name, Surname, Affiliation, Country</p>

<p>Preferred Room Layout</p>	<p><input type="checkbox"/> Theatre Style</p> <p><input checked="" type="checkbox"/> Roundtables</p> <p><input type="checkbox"/> Other. Which</p> <p>-----</p>
<p>Preferred Supporting Materials</p>	<p>Screen, beamer,</p>