



CleanEST

25/10/2023

Who are WE?

- **Recognized voice and promoter of water-related innovation, research, and technology development in Europe**
- **Mission:**
 - Improve **coordination and collaboration** in the water ecosystem in the EU and beyond;
 - Enhance **performance and competitiveness** of the water ecosystem;
 - Contribute to solving **global water challenges** through RTD&I.
- **Water Europe Strategy:**
 - **Multi-stakeholder** association representing the entire range of actors in the innovative water ecosystem
 - **Value-based** organisation: Water Vision

Values & members



College A: Multinational corporations
College B: Research & Technology developers
College C: Utilities
College D: Suppliers & SMEs
College E: Large water users

College F: Public Authorities
College G: Civil Society Organisations

WE Board Members 2022 - 2023



Hans Goossens
President
De Watergroep



Gonzalo Delacámara
1st Vice-President
College B
IMDEA Water



Iari Aho
VP Finances
College A
Uponor



Adina Braha-Honciuc
College A Board Member
Microsoft



Alexis De Kerchove
College A Board Member
Xylem



Sophie Borgne
College A Board Member
Schneider Electric



Jonas Fredsted Villadsen
College A Board Member
Grundfos



Jorge Juan Malfeito
College A Board Member
Acciona Agua



Pär Larshans
College A Board Member
Easy-Mining/f Ragn-Sells Group



Xavier Litrico
College A Board Member
Suez



Marielle van der Zouwen
College B Board Member
KWR



Jon Rathjen
College C Board Member
Scottish Water



Prof. Chrysi Lapidou
VP Collaboration Programme
College B
University of Thessaly



Tiffany Atwell
VP Advocacy Programme
College A
Ecolab/Nalco



Dominique Gâtel
VP Implementation Programme
College A
Veolia



Nuno Brôco
College C Board Member
AdP



Arthur Valkieser
College D Board Member
Hydraloop



Claudia Topalli
College D Board Member
IDEXX



Charlotte Boeckert
College E Board Member
VLA KWA



Susana Pliego
College E Board Member
Coca-Cola



Luisa Prista
Adviser to the Board

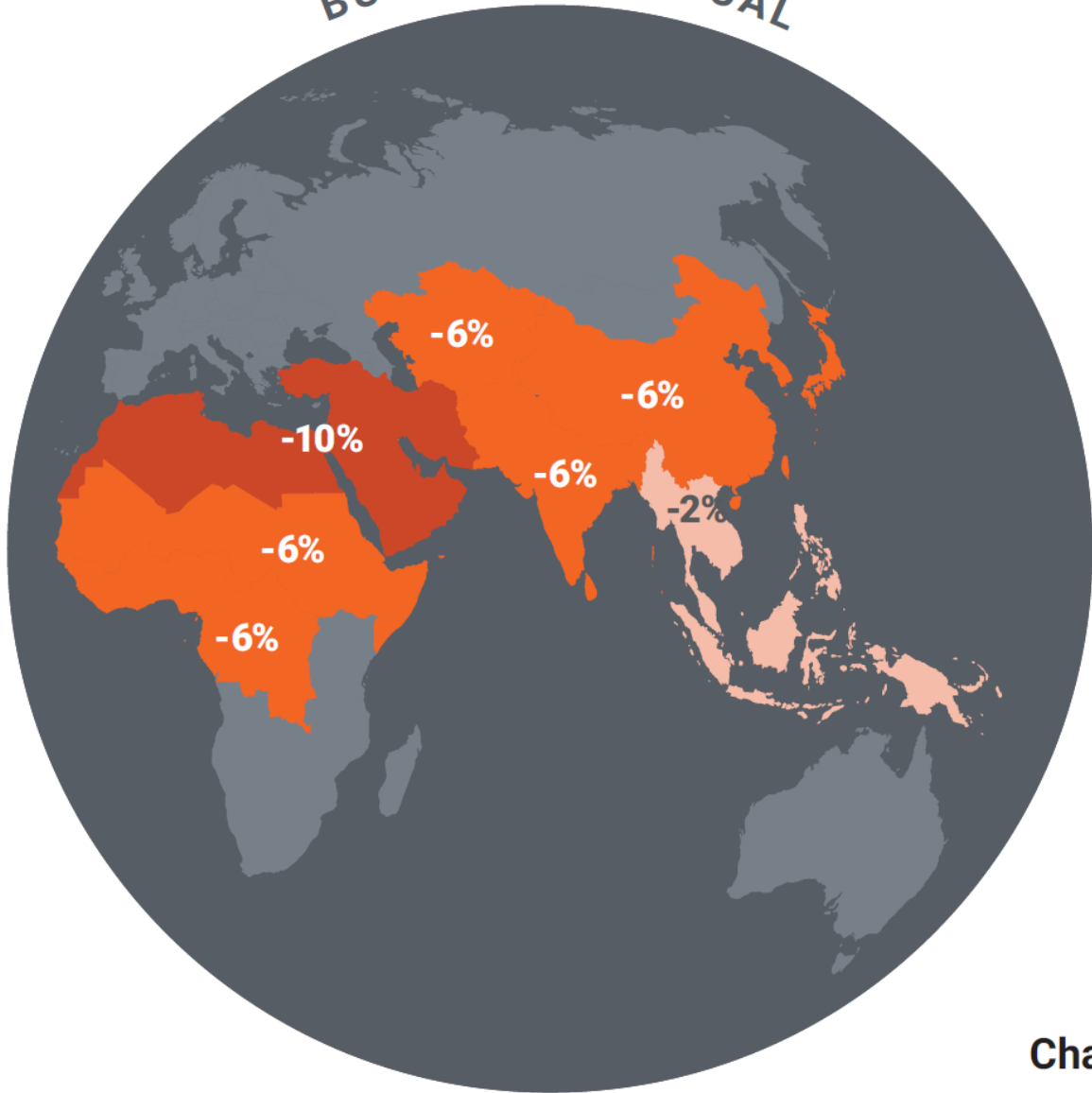


Paul Rübiger
Adviser to the Board

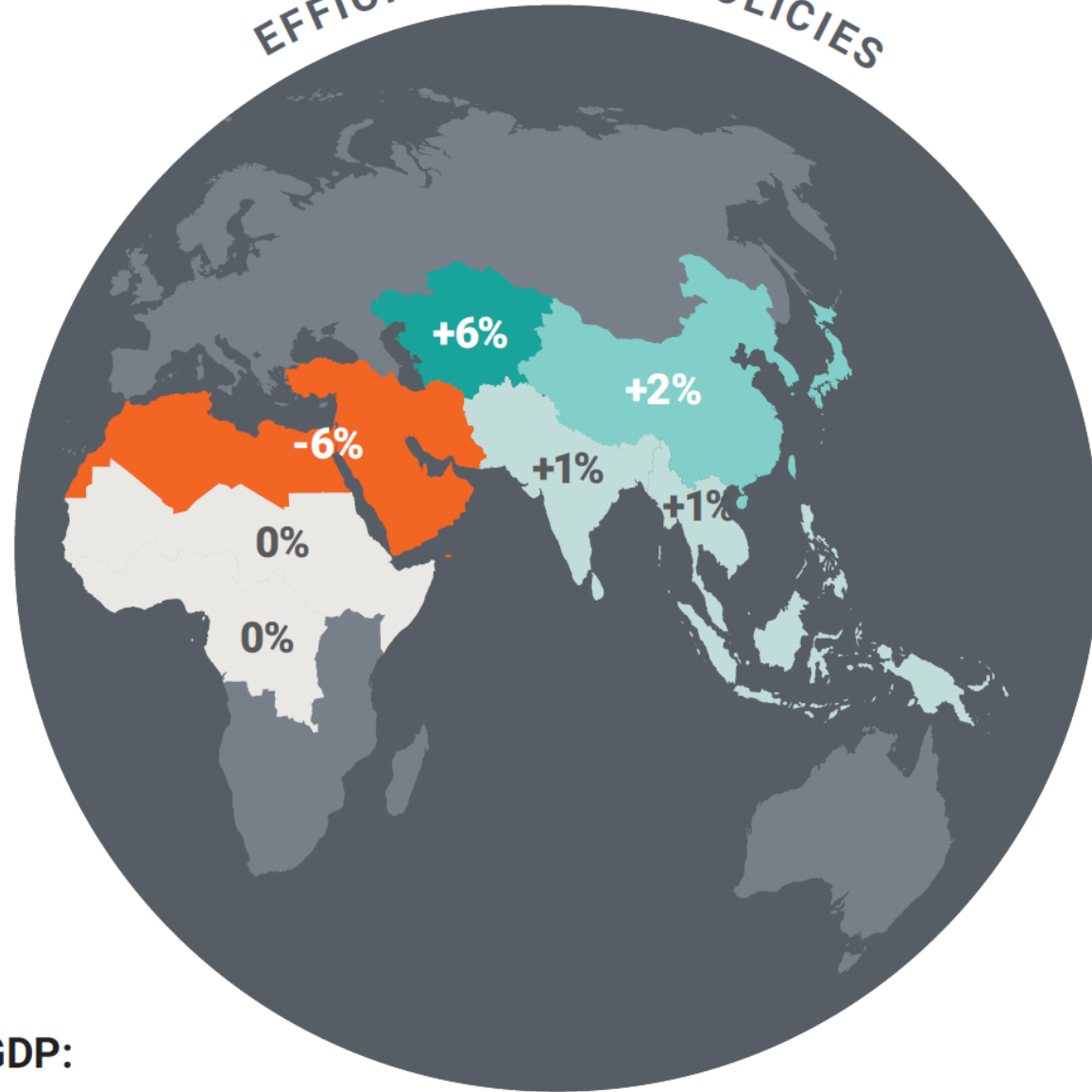


Tomas Michel
Past-President

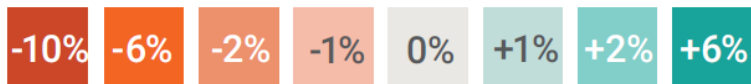
BUSINESS AS USUAL



EFFICIENT WATER POLICIES



Change in GDP:

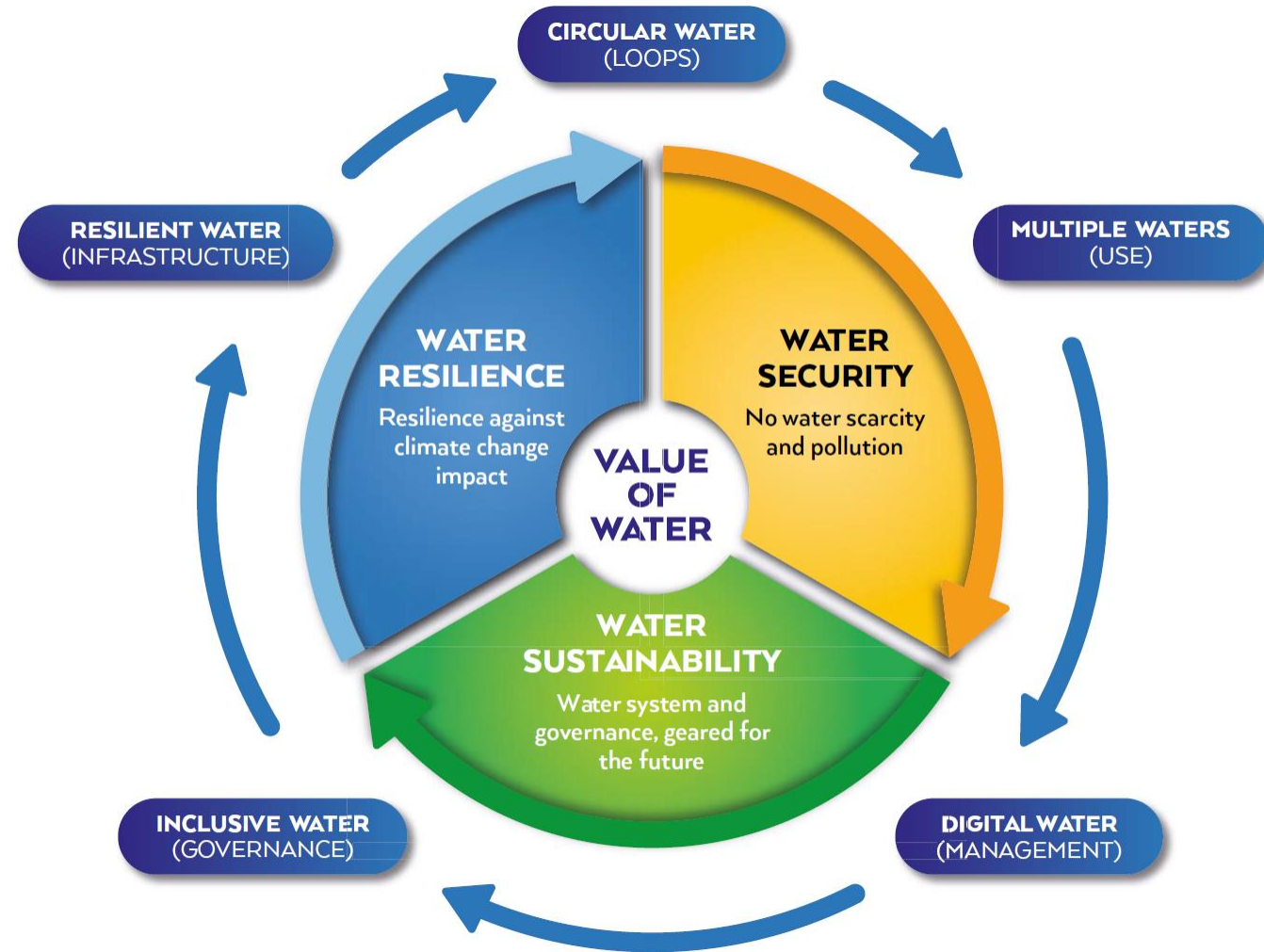


Source: Global Commission on Adaptation 2019, World Bank 2016.

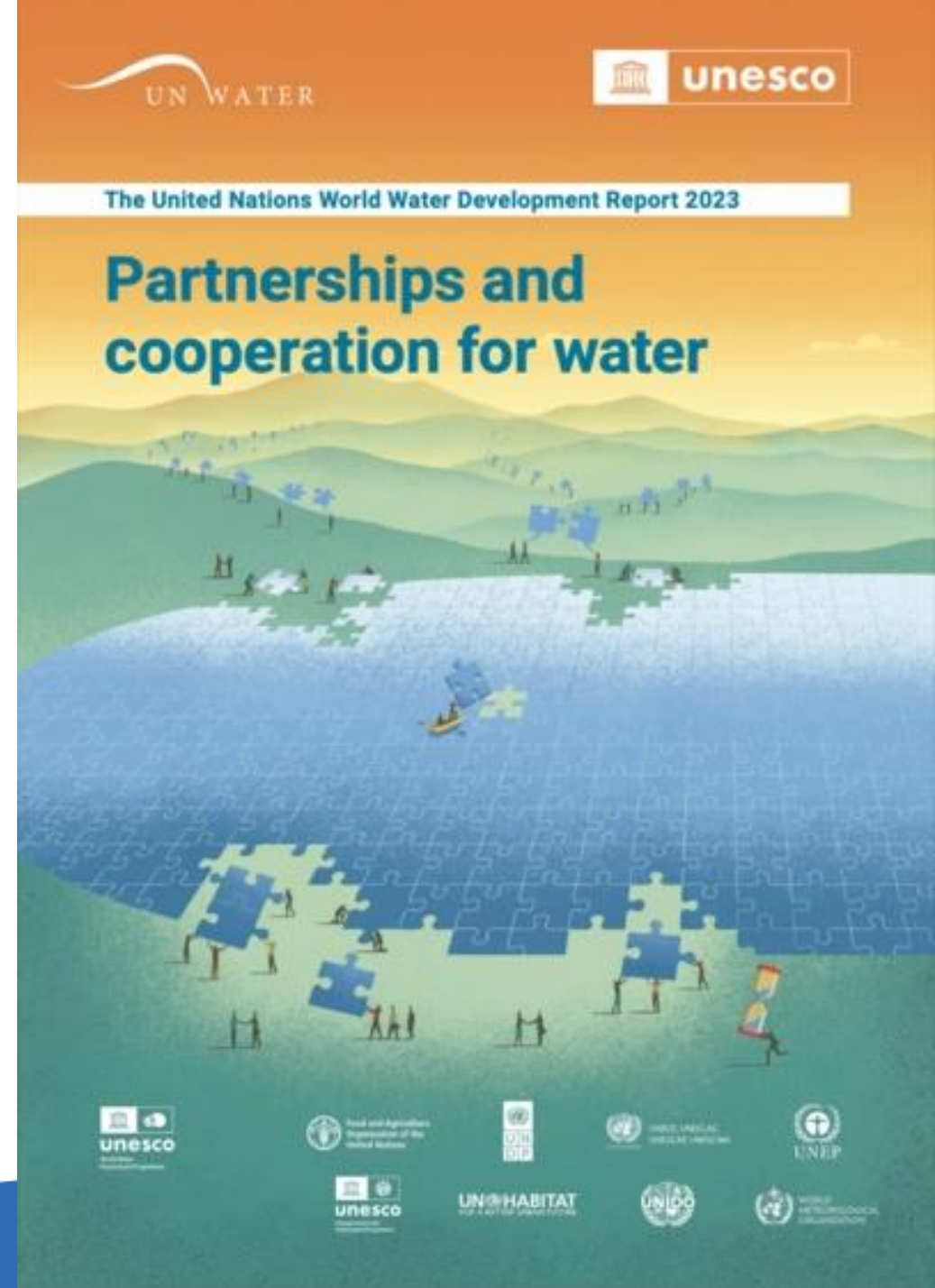
Water Vision 2023

Water-Smart Society:

- A society in which the **value of water** is recognised and realised to ensure water security, sustainability, and resilience.
- all available water sources are managed so that **water scarcity and pollution** are avoided.
- water and resource loops are largely closed to foster a **circular economy and optimal resource efficiency**.
- the water system is resilient against the **impact of climate and demographic change**.
- all relevant stakeholders are engaged in guaranteeing sustainable **water governance**.



Water Europe's Vision for **Water-Smart Society** and its implementation through **Water-Oriented Living Labs** (page 122) were recognised in the [UN Water Report 2023](#) on Partnership and Cooperation for Water as leading examples.



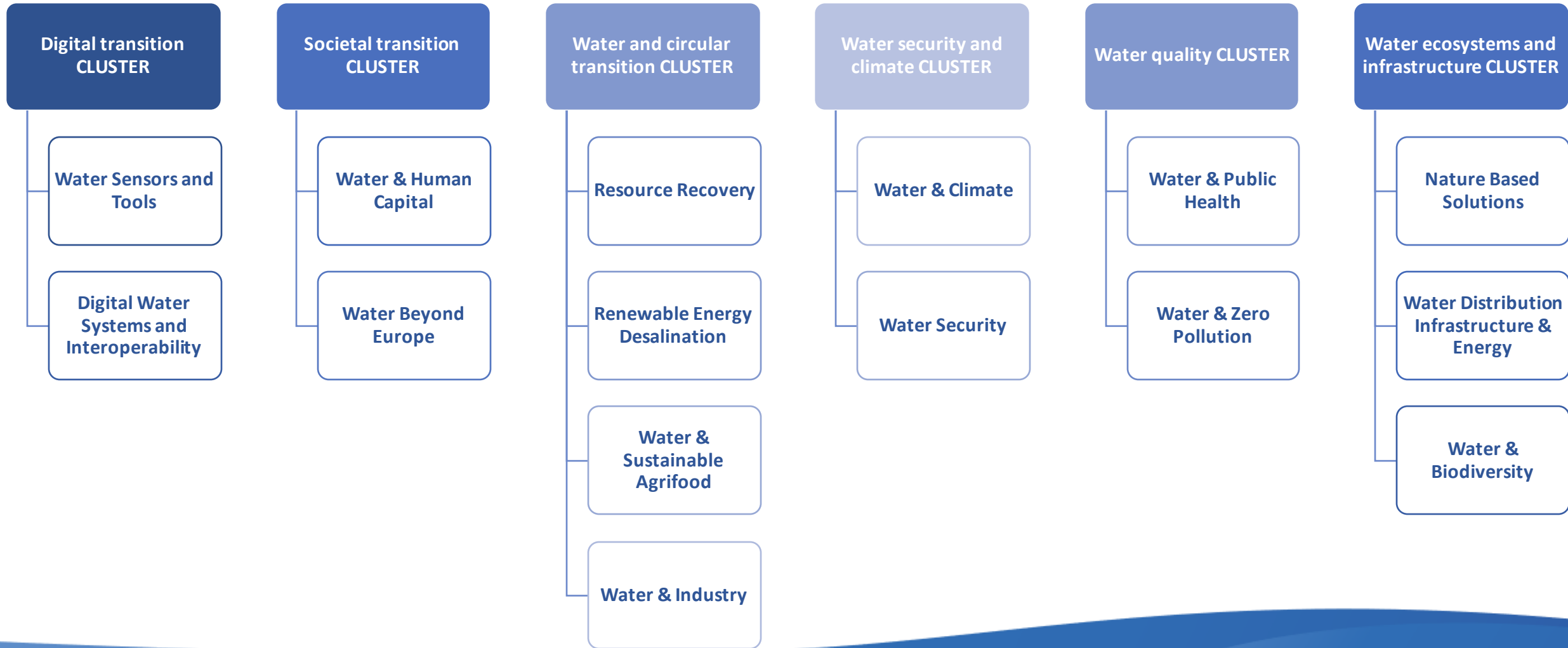
WE organisational matrix



WE Working Groups

2021 - 2024

Working Groups are **the operational level** for members' collaboration and coordination in WE. They are **fully member-driven**, the backbone of our WE community that provides **technical and scientific inputs on a series of themes that voice the water-related challenges, needs and opportunities** of each respective field at a European level.



WE Advocacy Programme

WE advocacy principles:

- WE positions must be based on WE vision and values.
- Systemic criteria to evaluate positions:
 - ✓ Societal responsibility
 - ✓ Evidence-based & technology neutral
 - ✓ Financially & economically sustainable

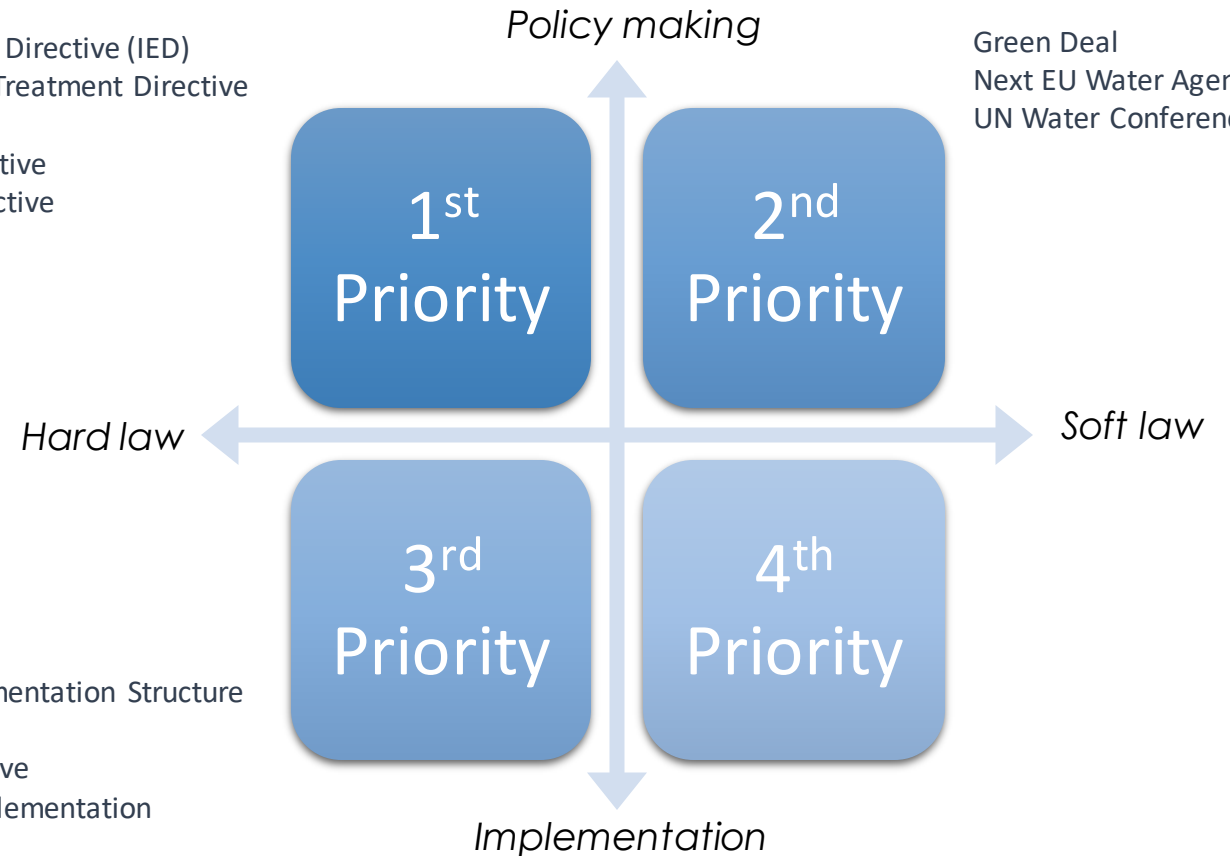
Tools:

- WE strategic publications, white papers, policy-oriented papers
- MEP Water Group, EUWA, Smart Water Alliance, (SPIRE, Process4planet, Water4all).

Industrial Emissions Directive (IED)
 Urban Wastewater Treatment Directive
 Health Soils Law
 Bathing Water Directive
 Sewage Sludge Directive

WFD Common Implementation Structure
 IED Art 13 Forum
 Drinking water Directive
 Reuse Regulation implementation
 Bathing Water - tbc
 UWWTD Expert group - tbc

Green Deal
 Next EU Water Agenda
 UN Water Conference



WE in research and innovation projects



Water Europe's support to its members' R&I projects:

- Letter of Support
- Consortium partner
- Subcontractor

Involvement:



Communication & Dissemination



Networking



Policy



Water-oriented Living Labs



75% of participants to successful water-related H2020 consortia are WE members



Completed projects



Ongoing projects

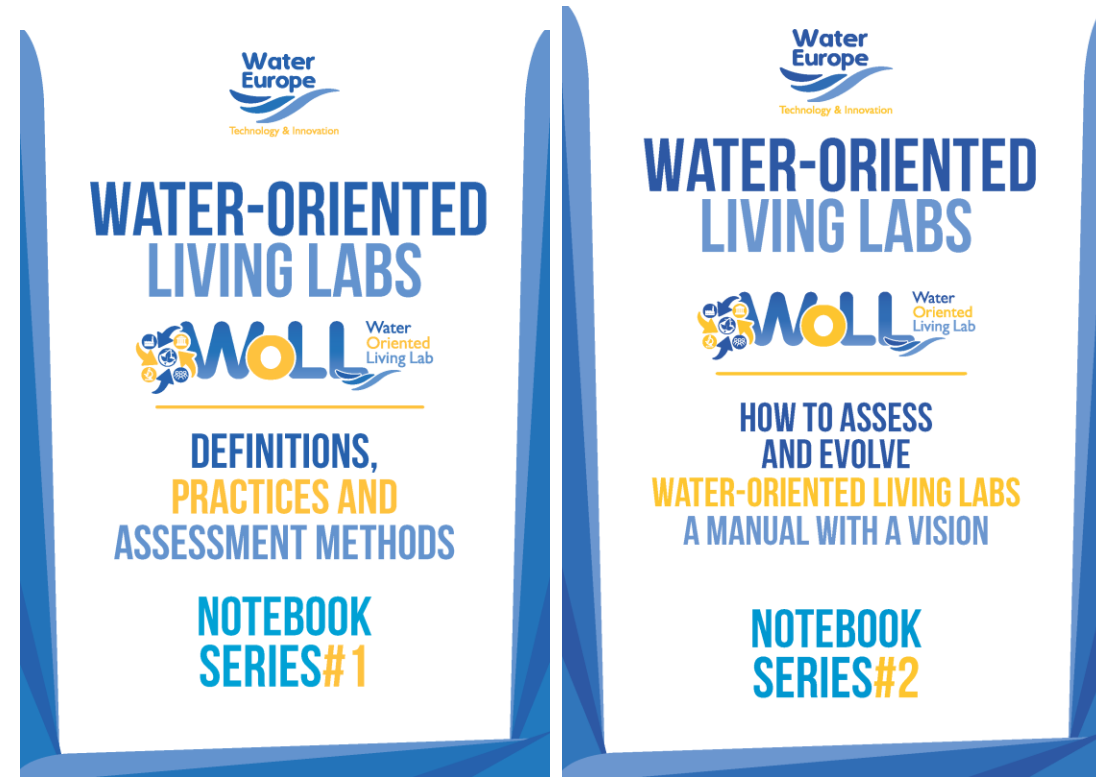


The next steps on WOLLs 2019 - 2022

2019



2022

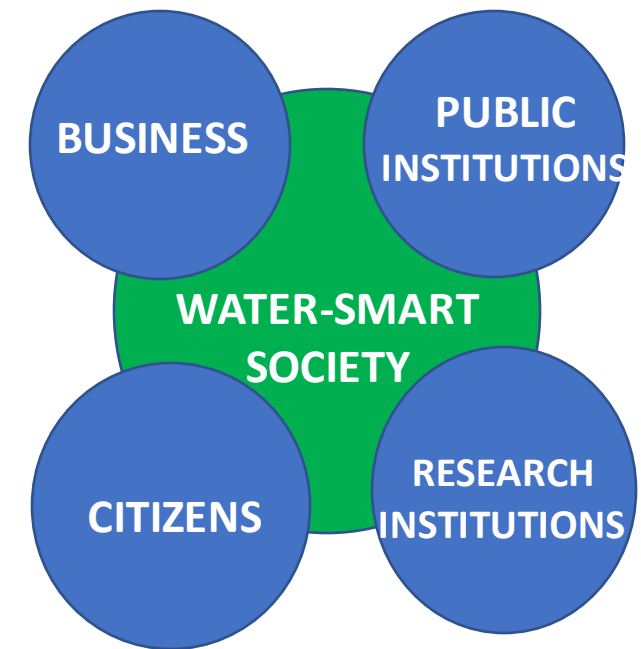


Water-Oriented Living Labs for a **Water-Smart Society**



Water-Oriented Living Labs have been defined by Water Europe as follows:

- 💧 **real-life** demonstration and implementation instruments
- 💧 **bring together** public and private institutions, government, civil society, and academia
- 💧 **jointly build structured grounds** to develop, validate, and scale-up innovations
- 💧 embrace new **technologies, governance, business models, innovative policies**



MANIFESTO

The European Union needs an ambitious Water-Smart Strategy

June 2023



Europe needs a Water-Smart Strategy

- **Water scarcity affected 29% of the EU territory** during at least one season on 2019, states the European Environment Agency (EEA).
- **EU policymakers must master the cross-sectoral water risks and challenges**, including their full economic impacts.
- **Water must become a top priority** for the European Union.
- **The nomination of an EU Vice-President in charge of the whole water dimension is required.**
- **A Water-Smart Strategy is a competitive asset for our European autonomy alongside the energy and critical raw materials strategies.**
- **Ensuring water security, resilience and sustainability will require leveraging financial tools, beyond the EU innovation policy.**

Water-Smart Strategy

Calling upon policymakers

While the EU has provided dedicated funds to key strategic sectors, one of our main resources has remained largely overlooked: **WATER**

- €43 billion is invested in the European Chips Act, while an integrated circuit on a **30cm wafer requires 8,300 litres of water.**
- €235 billion is dedicated to digital under the EU Budget 2021-2027, while a **1 MW data centre uses 5 million litres of water each year.**
- €130 billions of EU investments are directly associated with hydrogen projects, while **9kg of demineralized water is consumed for every kg of hydrogen produced.**

56%

GAP BETWEEN WATER SUPPLY AND DEMAND BY
2030.

World Resource Institute¹⁰

Thank You

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