

Utility of the Future

Center of excellence

Boosting knowledge, innovation and collaboration to accelerate Universal Access



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Federal Department of Economic Affairs,
Education and Research EAER
State Secretariat for Economic Affairs SECO



Utility of the
FUTURE



WORLD BANK GROUP
Water

The challenge



2.0 billion
People without access
to safely managed
drinking water

3.6 billion
People without access
to safely managed
sanitation



+ Climate change



Water scarcity



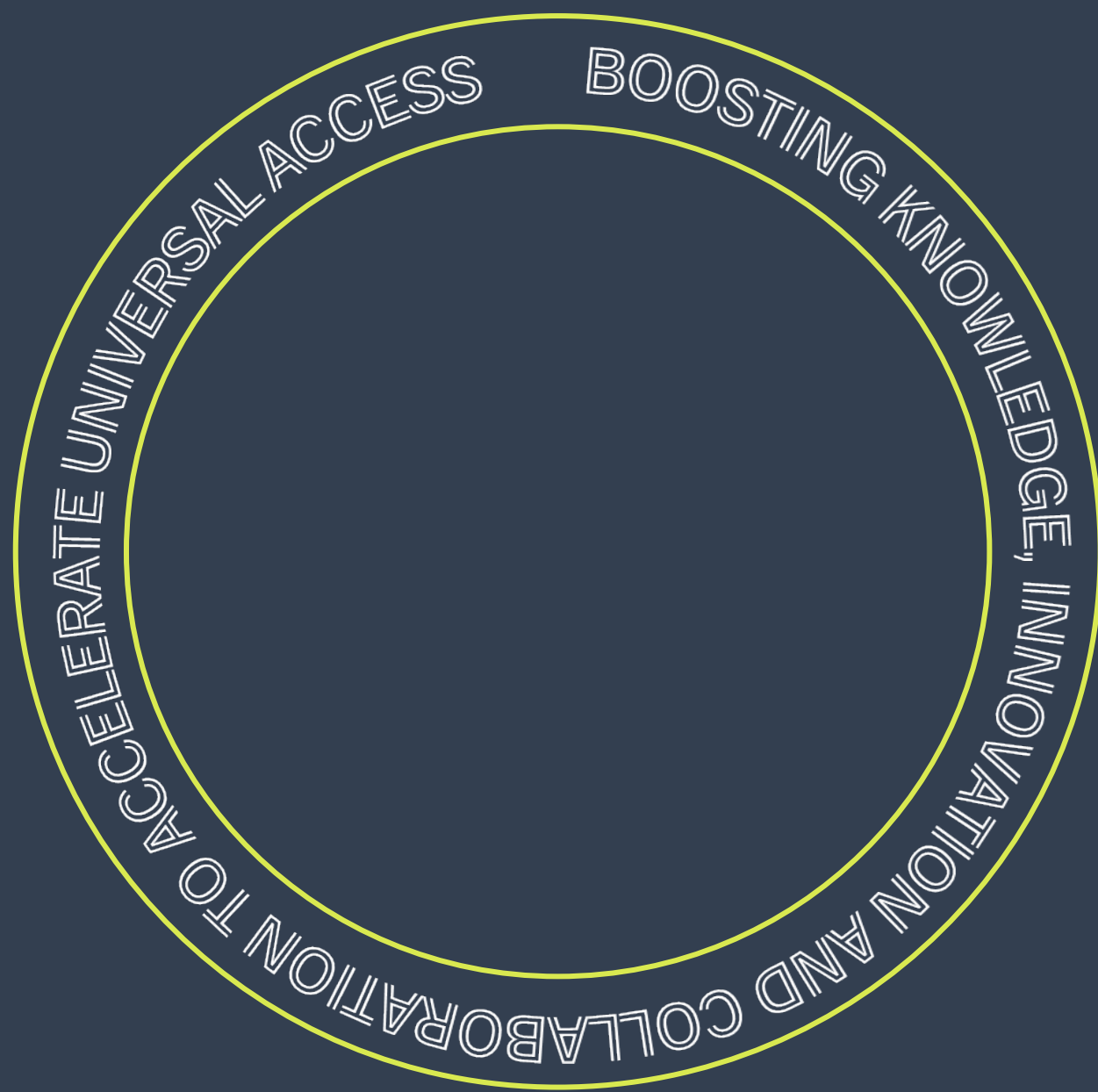
+ Energy crisis



Population growth





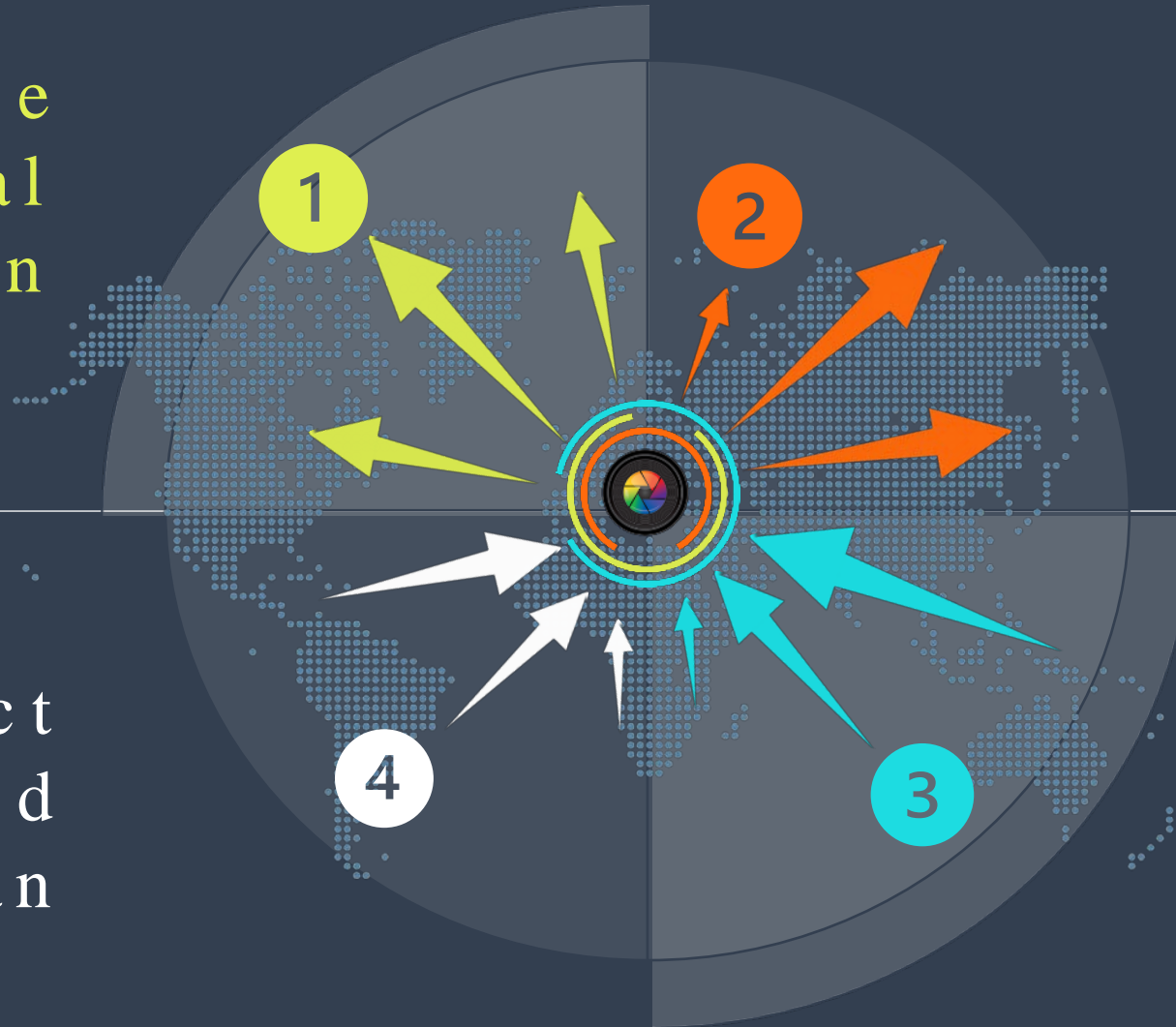


Uo f -Co E Co m p o n e n t s

Utility of the
future Global
Operation

↑ GLOBAL - g s g
↓ LOCAL - SCAWA

Project
Incubator and
business plan



Global
Knowledge,
Innovation and
collaboration
Hub

Performance
based Financial
Facility

Uof-coe components

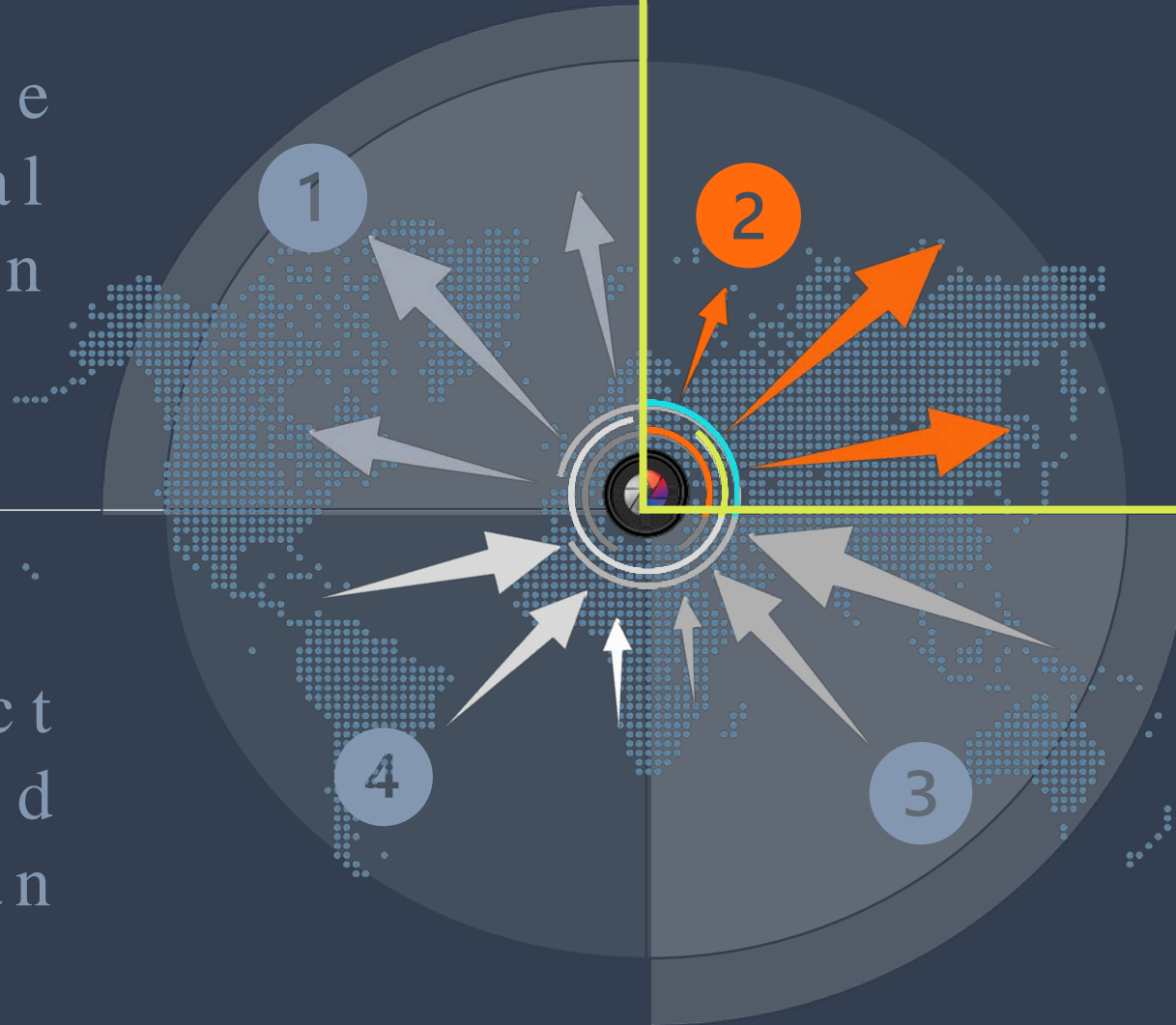
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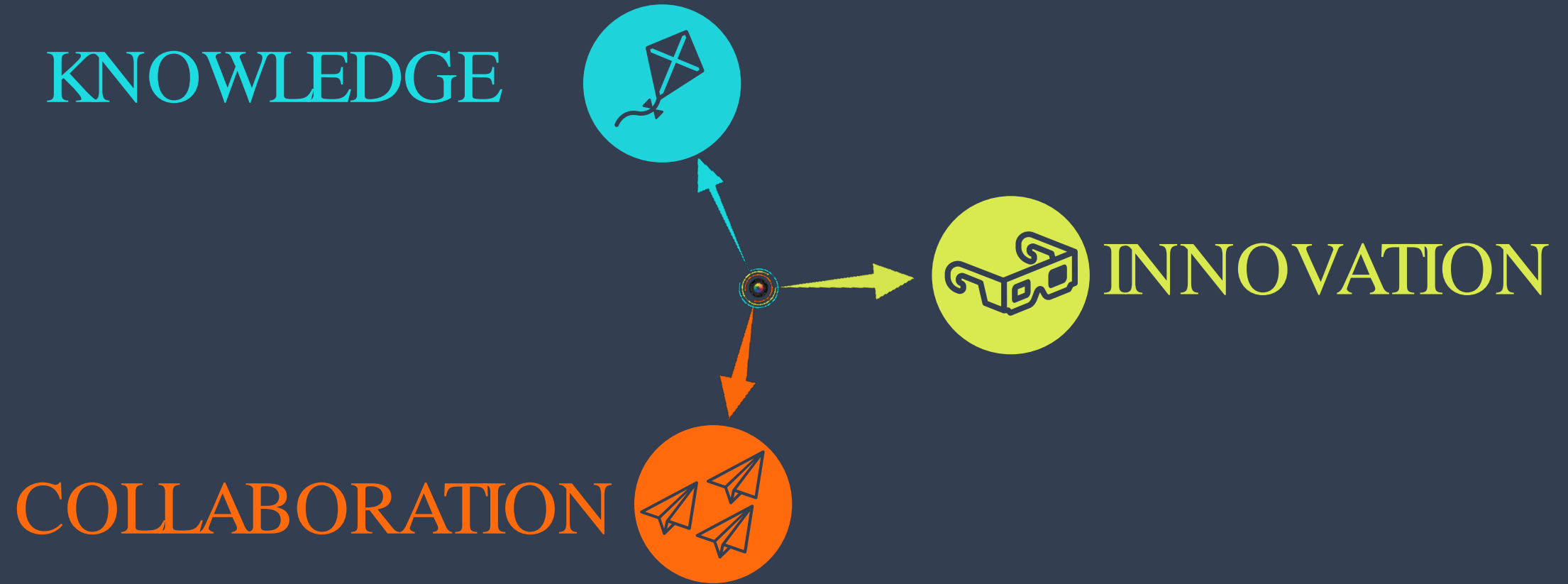
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Performance
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Strategic pillars





Knowledge



- Technical/non-technical skills
- Brain drain
- Knowledge transfer required

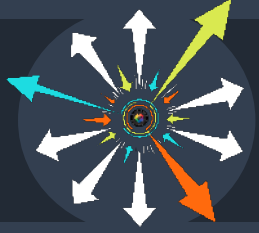


- Open knowledge
- Practical tools/material
- Cross-fertilization





Knowledge



Articulate, generate, disseminate and multiply practical and high-value knowledge accessible to all.

1. Uo F4.0: business planning, new, creditworthiness, digital transformation
2. Uo f implementation
3. Utility cross-fertilization and experience sharing
4. Training material (open access / replicable)



INNOVATION



- Lack leadership buy-in
- no incentives
- Sector environment

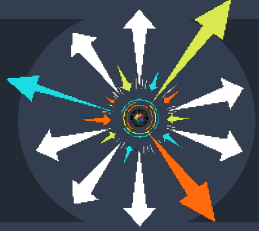


- Innovation culture
- Experimentation / prototyping
- scenarios for discussion





INNOVATION



challenge creativity to create impactful solutions for the water sector.

1. UoF Young water professional innovation challenge
2. Innovation pilots + Scaling up
3. innovative Projects: attraction and retention young professionals



COLLABORATION



- Silo mentality
- incentives/goals/priorities
- no clarity for beneficiaries

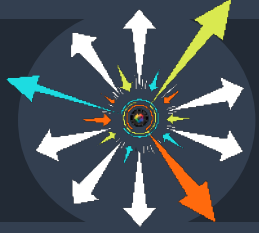


- Talk / share
- Development of synergies
- Meeting point





COLLABORATION



Develop synergies to unite diverse expertise and exploit the full potential of the collective strength.

1. Communities/networks – open/social:
 1. Global young water professional network
 2. Western Balkans project
2. Scenarios for collaboration

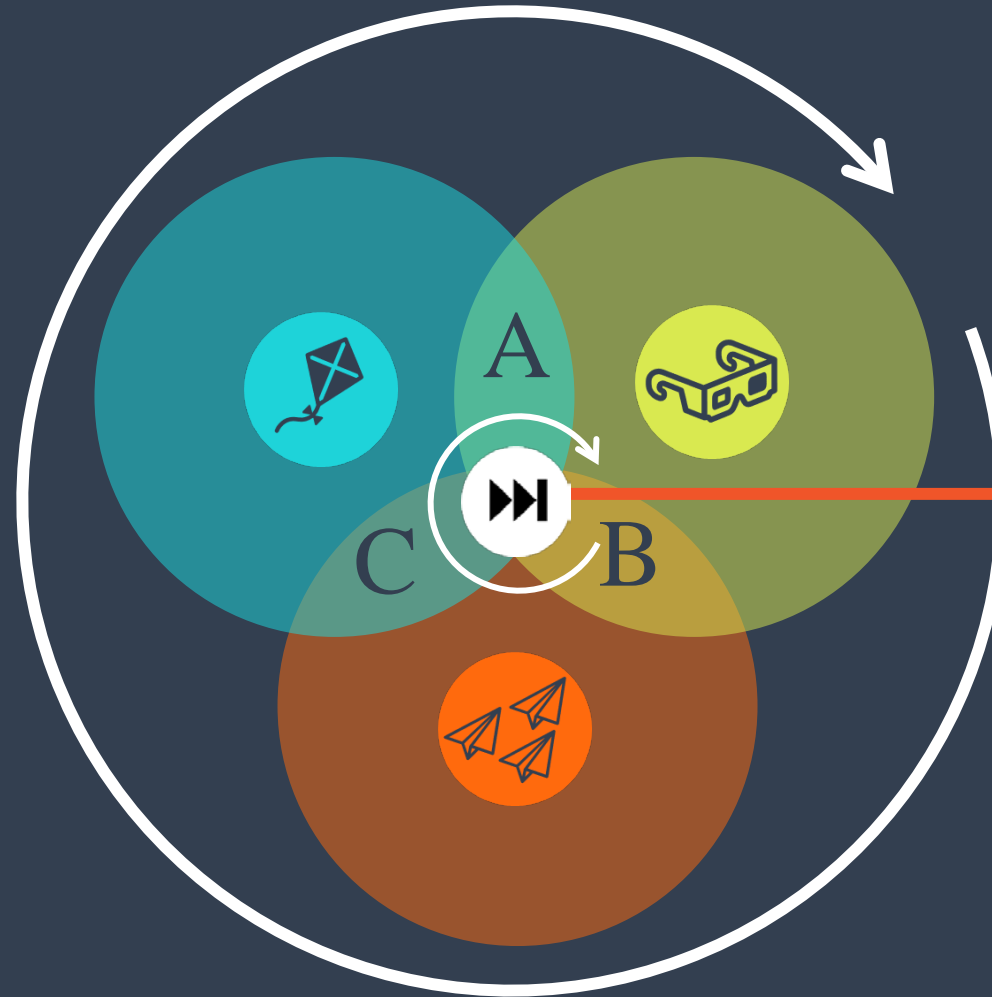


Knowledge + Innovation + Collaboration = Acceleration

Strategic
Thinking (DNA) **A**

replicability /
scalability **B**

Sustainable
capacities **C**



Accelerator
engine



World Bank UTILITY OF THE FUTURE Youth Water Innovation Challenge for the New Climate Reality

2023

The initiative

The challenge is designed to
accelerate water innovation
and unlock the potential of young
innovators aquapreneurs globally.



The initiative

We aim to
identify and support
young shooting stars
by providing them access to
technical training, networks, and
mentorship,
to pilot and scale transformative
water solutions.



The Challenge



To o l i t t l e



To o m u c h



To o p o l l u t e d



M i s m a n a g e d



Timeline

1

Connecting
young
professionals

Nov 2023

ECH2O
Young Water
Professional
Network

2

Registration
Global Call to
action

DEC 2023 – Feb 2024

COP28
Dubai

3

Presentations
And selection
short list

MAR 2024 – Apr 2024

International
World
Water day

4

Mentoring
and
acceleration

MAY 2024 – SEP 2024

Hybrid
Multiple
locations

5

Selection
winner
team

SEP 2024

World
Water Week
Sweden

Some Water-Tech CEO champions



Tatiana Estevez
CEO & Founder
Permalution



Navy McKee
CEO & Founder
Kai Pono
Solutions



Gabriela Almeida
CEO
NS2



Naysan Saran
CEO & Founder
Cann Forecast



Patrick Decker
President and CEO
Xylem

ECH₂O

Young Water
Professional
Network

