



CEO Water Mandate Endorsers' Meeting

June 22, 2022

AGENDA

- 0:00 Key Takeaways - World Economic Forum
- 0:10 Communications and Events
- 0:20 SBTN & Contextual Water Targets
- 0:30 Updates from the WRC
- Funding Projects & Net Positive Water Impact
- 0:55 Peer Connection
- 0:75 Project Updates
- WASH4WORK & Water Resilience Assessment Framework (WRAF)
- 0:90 Conclude Meeting





CEO
WATER
MANDATE

**Updates from World
Economic Forum**



CEO
WATER
MANDATE

Communications
and Events



UPCOMING EVENTS HIGHLIGHTS





World Water Week

OFFICIAL PROGRAM SESSIONS

OFF SITE EVENT

OFFICIAL PROGRAM SESSIONS

TUESDAY, 23 AUGUST (ONLINE SESSION)

20:00 – 21:20	WRAF Surviving Shocks and Stresses: A Corporate Guide to Resilience Assessment
---------------	--

THURSDAY, 25 AUGUST (ONLINE SEMINAR)

17:00 – 18:20	NBS Tools for valuing ecosystems and nature-based solutions
---------------	---

MONDAY, 29 AUGUST (ON-SITE / BROADCAST SESSION)

11:00 – 12:30	WASH4Work A Compelling Case for Business Investment in WASH
---------------	---

16:00 – 17:30	CWAC The Power of Unlikely Alliances: Public-Private Partnerships for Water Efficiency
---------------	--

TUESDAY, 30 AUGUST (ON-SITE / BROADCAST SESSION)

16:00 – 17:30	NBS Unseen Future Value: Forecasting the Benefits of Nature-Based Solutions
---------------	---



World Water Week

OFFICIAL PROGRAM SESSIONS

OFF-SITE EVENT

OFF-SITE EVENT

WEDNESDAY, 31 AUGUST (HYBRID EVENT)

09:00 – 12:00	Opportunities to scale water stewardship and resilience through technology and coalitions Convenors: WRC, Water Climate Coalition
12:30 – 14:00	The ROI of WASH for Business – Lunch and Dialogue Convenors: WASH4Work, WaterAid
14:00 – 14:30	Reconnecting – Networking Mingle
14:30 – 16:00	CEO Water Mandate Annual General Meeting
16:00 – 16:30	Networking Break
16:30 – 18.30	Topic in development*
18:30 – 19:30	CEO Water Mandate Reception



UN
**2023 WATER
CONFERENCE**

**NEW YORK
22-24
MARCH
2023**

ROUND 1 DEADLINE: 15 JULY 2022

Who doesn't need special accreditation?

- **NGOs in consultative status with ECOSOC**
- **Organizations accredited to the World Summit on Sustainable Development**

All other organizations **must** apply for special accreditation.

<https://indico.un.org/event/1001019/>

What you'll need

- **Letter stating intention to attend the conference in official letterhead**
- **Official documents of legal constitution**
- **List of water-related activities by the organization**

**SPECIAL
ACCREDITATION
PROCESS**

**BUSINESS
POSITION**



UN
**2023 WATER
CONFERENCE**

NEW YORK
22-24
MARCH
2023

SPECIAL
ACCREDITATION
PROCESS

BUSINESS
POSITION

BUSINESS POSITION MILESTONES*



AUGUST 2022

1st Workshop (Annual General Meeting)



NOVEMBER 2022

2nd Workshop (Water Pavilion / Water Day)



JANUARY 2023

High-Level Dialogue



MARCH 2023

Business Position on Water Presentation Event



CEO
WATER
MANDATE

Science-Based Targets for Water & Contextual Water Targets (Site and Enterprise)

Non-contextual

A target that does not consider surrounding water-related challenges but is rather influenced by exercises such as benchmarking, a desire for incremental improvements, compliance or general corporate-level ambitions.

Contextual

Informed by the surrounding catchment (basin) context and helps to focus resources towards the right water-related challenges in the right places and are strategically relevant to both the target-setting water user and other water users in the catchment (basin).

Science-based

A target as one that supports a company reduce their impacts on freshwater resources are considered science-based if they are in line with what the latest hydrological science says is necessary to meet the sustainable freshwater quantity and quality thresholds of the basin in which the city or company and its value chain operate.

Site level

Performance

TODAY

FUTURE

Coverage

Enterprise level

Who are you?

10% reduction in withdrawals across all facilities by 2030

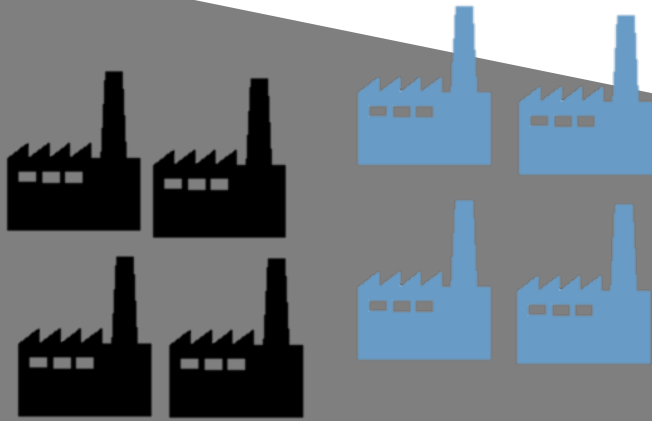
Recognising the SDGs, 10% improvement in discharge quality across all facilities by 2030

Recognising the SDGs, 10% reduction in withdrawals in 2 basins 2030

Recognising the SDGs, 10% reduction in withdrawals in x basins and 10% improvement in discharge quality in x basin 2030

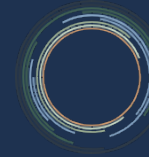
By 2030, reduce water use in high impact parts of the value chain by x% as determined by the basin threshold and our company contribution

Coverage



Performance

Science-based targets for Nature



SCIENCE BASED TARGETS NETWORK
GLOBAL COMMONS ALLIANCE

We need to transform the way we use natural resources *alongside* decarbonizing our economy.

By setting science-based targets for the whole Earth System, companies contribute towards:



Halting
global
warming

SBTi



Preserving
freshwater
resources and
water security



Supporting
biodiversity



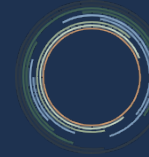
Preserving and
regenerating
land systems



Security healthy,
diverse oceans

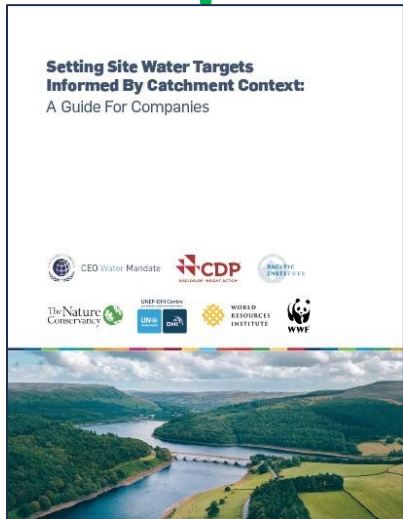
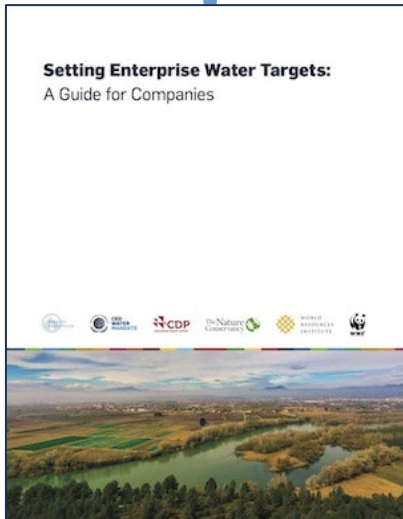
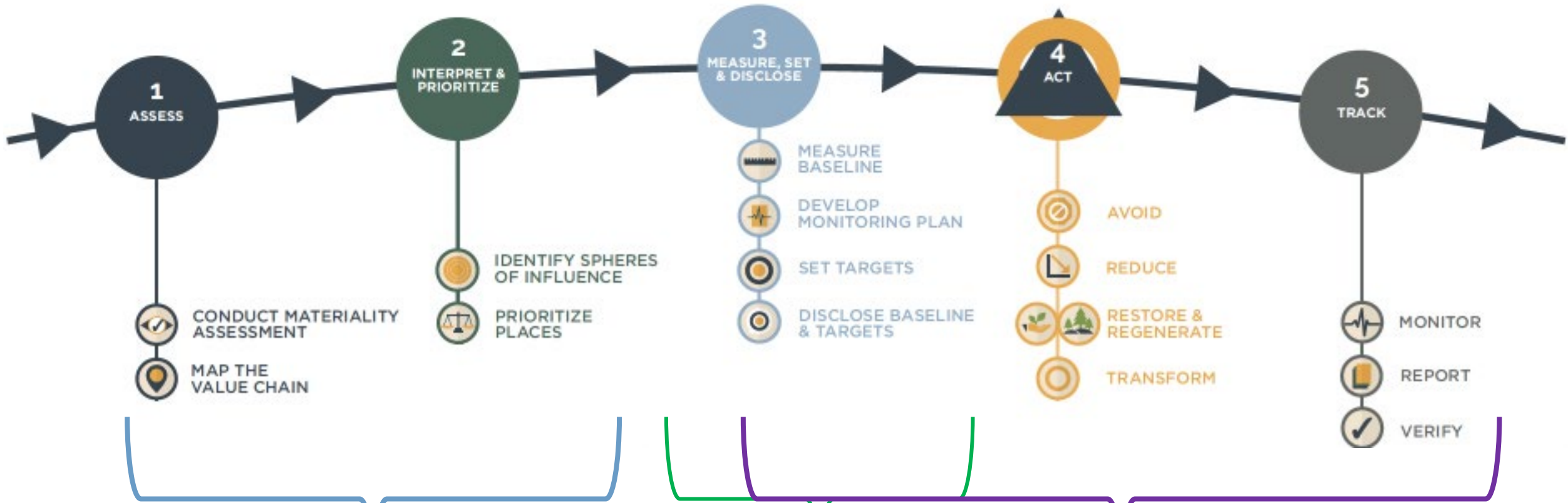
SBTN

Steps for setting SBTs for Nature



SCIENCE BASED TARGETS NETWORK
GLOBAL COMMONS ALLIANCE





Steps for setting SBTs for Nature, Contextual Targets & AWS

SBTN	Assess		Interpret & Prioritise		Measure, set, disclose				Act				Track		
	Materiality Assessment	Map Value Chain	Identify spheres of influence	Prioritise places	Measure baseline	Develop monitoring plan	Set targets	Disclose baseline & targets	Avoid	Reduce	Restore & regenerate	Transform	Monitor	Report	Verify
Enterprise Targets	Green	Green					Green	Green					Green	Green	
Site Level Targets	Yellow	Grey	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Align with public policy and contribute to existing efforts				Yellow	Grey	Grey
AWS		Blue			Blue	Blue			Implement the water stewardship plan				Blue	Blue	Blue

What is different?

Contextual Targets (Enterprise + Site)

- Companies
- Water only
- SDG 6*
- Guidance

SBTN

- Companies + cities
- Nature = water, land, oceans + biodiversity
- Water quantity + quality
- **Prescriptive method**

AWS

- Companies
- Water only
- SDG 6*
- Guidance

*(water quality, quantity, important water-related areas, governance, WASH)

Advantages and disadvantages of a prescriptive method

Advantages

- Method can be applied “quickly”
- Method generates numeric targets
- Method can be readily validated by an external party

Disadvantages

- Method only allows a limited number of tools to be applied, some of which may be very imprecise
- Method is currently limited in scope of water issues addressed (e-flows for quantity and nutrients for quality)

What is the role of the CEO Water Mandate?

Within the SBTN Technical Team:

The CEO Water Mandate co-authored both the Enterprise and Site Water Target Guidance documents. We have been supporting the SBTN Freshwater Technical team in ensure alignment.

We are also supporting the development of a suite of response options once companies have identified their targets.

External to SBTN:

We will continue to support companies in setting water targets within their Enterprises and Sites

We will continue to connect companies with each other through the Water Action Hub to explore collective action opportunities that may help in meeting their targets.

Upcoming Key Milestones for SBTN

**May
2022**



**Freshwater SBTs
methods review**

*Share draft methods to
SBTN partners &
corporate engagement
program for review*

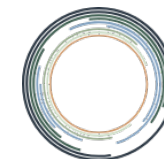
**Q3
2022**

**Public consultation on
Freshwater SBTs
methods
and Steps 1 & 2
technical supplements**

*Release freshwater SBTs
methods & Supplements
publicly, via SBTN
website & webinars*

**By Q1
2023**

**Companies can
start setting
science-based
targets for nature,
starting with
freshwater**



SCIENCE BASED TARGETS NETWORK
GLOBAL COMMONS ALLIANCE



**CEO
WATER
MANDATE**

Water Resilience Coalition Projects

- WRC Investment Portfolio Strategy
- Net Positive Water Impact (NPWI)

- WRC Investment Portfolio Strategy



WRC'S 2030 ROADMAP FOR COLLECTIVE ACTION: FOUR KEY STRATEGIES



S1: Scaling Proven Solutions in Basins



S2: Multiplying Impact of Business Expertise and Innovations



S3: Leveraging Investment via Innovative Finance



S4: Influencing via Collective Measurement & Advocacy



2030

**Net Positive Water
Impact in 100
basins supporting
3 billion people
+
Resilient WASH to
300 million people**

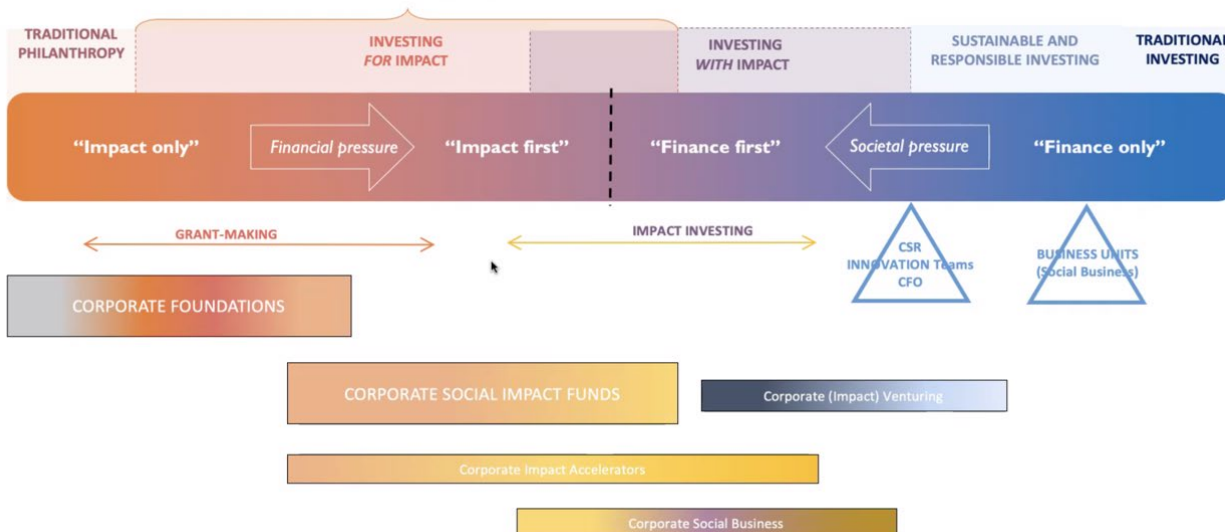


WE WILL BRING INNOVATIVE FINANCING & COLLECTIVE INVESTMENTS FOR SCALE

WHY A WRC INVESTMENT PORTFOLIO?

Charity will never be enough.

- It would cost \$114 billion a year until 2030 to achieve SDG6.
- Current development assistance spending levels average just \$14 billion.



STRATEGY

3

Leveraging Investments



BUILD WRC INNOVATIVE INVESTMENT PORTFOLIO

1. Currently **most companies are funding projects directly** (i.e., expensing) to implementing partners
2. We propose to **leverage balance sheets for impact investment**, which multiplies scale and earns a return, which is then reinvested to achieve WRC goals
3. **Start with proven financial models** (i.e., using balance sheets) with trusted partners, and **develop new innovative models over time**



CEO WATER MANDATE

WATER RESILIENCE COALITION



OVERVIEW OF EXISTING IMPACT INVESTMENT MECHANISMS

CORPORATE BOND

Company investment from balance sheet (that is returned at end of investment period) where interest is donated to finance projects *i.e. \$50M investment = 3.5M in interest to finance projects*

BLUE BOND

Utilized to finance projects related to ocean conservation. *Globally, issuances of blue bonds have already crossed USD\$10 billion as of 2020*

DEVELOPMENT IMPACT BOND

Finance raised from investors is guaranteed (usually by international development agencies) who pay a return on the investment once development outcomes are achieved. *Globally, Brookings reports 214 DIBs raising \$473M across 6 development sectors as of 2021*

CORPORATE IMPACT INVESTMENTS VIA INNOVATIVE FINANCING MECHANISMS

PRIVATE EQUITY

The Circulate Capital Fund raised *\$100M from 13 companies to finance SME solutions* for plastics in the oceans in Asia

CAUSE-RELATED MARKETING

Portion of product sales allocated to fund impact projects – *Engaging consumers*

CARBON/WATER CREDITS

The Danone initiated Livelihoods Fund raised *\$10M from 10 companies to fund conservation projects* where the companies were paid in carbon credits as a return on outcomes

WATER REUSE CERTIFICATES

2030 Water Resource Group has proposed water reuse certificates as an innovative market-based mechanism – to promote the trading of recycled wastewater. *Currently being piloted in Maharashtra, India*



MOBILIZING CATALYTIC & COLLECTIVE CORPORATE INVESTMENTS

WRC member companies *commit \$XXM of balance sheet capital* (over time to 2030)
to *innovative impact investment mechanisms* focused on water resilience,
which will be *returnable capital, and produces a return* that can be re-invested to meet water goals

Financial case:

\$10M x 150 members = \$1.5 billion in new financing for water resilience to 2030

\$1.5B in catalytic capital from companies can be leveraged 2:1 = \$4.5B in new financing for water to 2030

Business Case:

- **Unlock additional financing** for water resilience projects via interest and returns gained
- **Capital invested is returned** while making progress on water goals
- **Solve for corporate challenges in financing** water goals - Reduce dependency on the business – via innovative financial vehicles
- Corporate capital can be **catalytic to attracting increased private and public capital**

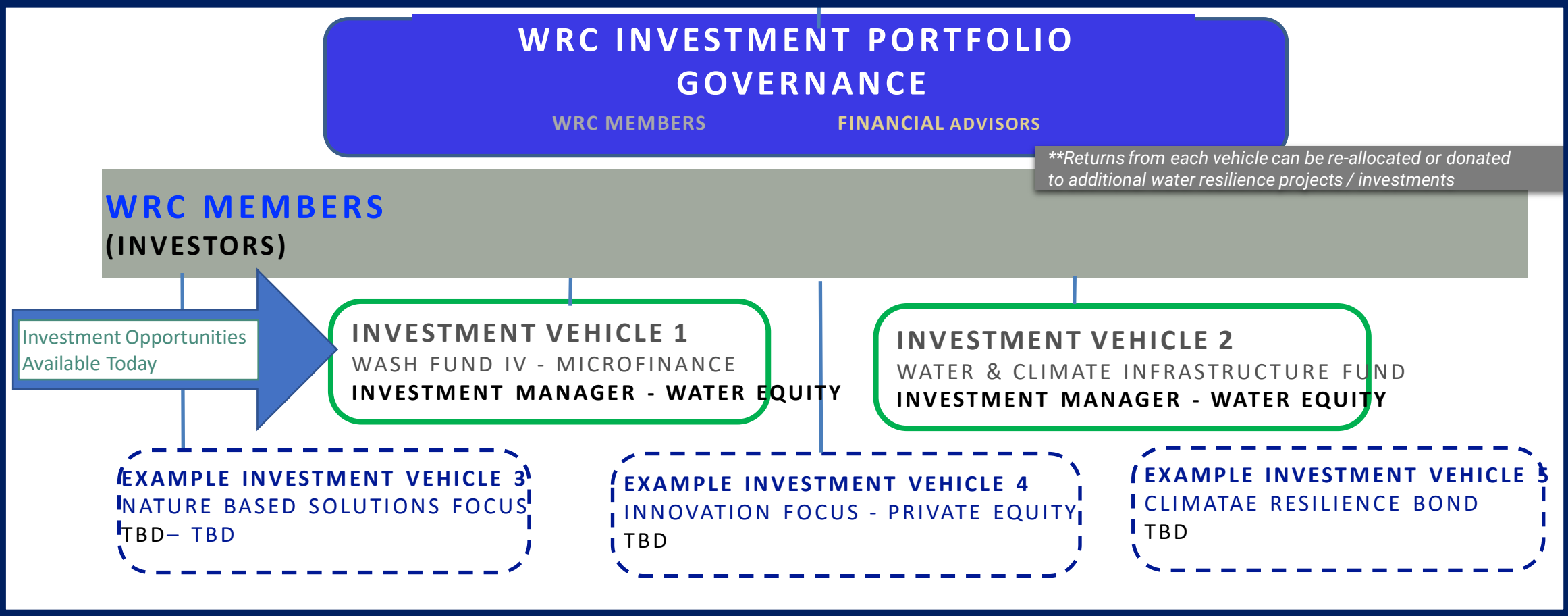


**CEO
WATER
MANDATE**

**WATER
RESILIENCE
COALITION**



WRC INVESTMENT PORTFOLIO STRUCTURE



WRC INVESTMENT PORTFOLIO GOVERNANCE

*WRC will form an **investment governance committee** to provide oversight and expert advice on investment recommendations to members:*

- **WRC Member Representatives**
- **Member CFOs**
- **Impact Investment Experts**
- **Financial Advisors**

TERMS OF REFERENCE:

- The investment governance committee will provide **oversight** on ensuring investment product recommendations meet **WRC goals**
- Corporate finance and impact investment experts will provide **expert advice on the risk/return profile of different investment products / mechanisms** to inform investment recommendations to members
- The investment governance committee will also be tasked with **investment decision-making** related to any investment returns donated back to the WRC for follow on investments.



**CEO
WATER
MANDATE**

**WATER
RESILIENCE
COALITION**



IMPACT MEASUREMENT & REPORTING

*The impact on WRC water resilience goals
- of investments made by WRC members into
water investment products -*

*will be tracked according to the WRC's net
positive water impact measurement
methodology*

- This will require **specified reporting from investment managers** where WRC member funds are invested.
- Pre-WRC investment recommendation of a particular investment product, the WRC will work with the investment manager to agree **specified reporting of impact against WRC water resilience goals**.
- **The impact of WRC member investments** in investment products recommended by the WRC (which make up the WRC Innovative Investment Portfolio) will be reported publicly on an annual basis by the WRC.
- Individual investment managers will provide specified impact reporting to the WRC, but **also their standard impact reporting** to member investors.



**CEO
WATER
MANDATE**

**WATER
RESILIENCE
COALITION**



WRC INVESTMENT PORTFOLIO PATHWAY 2022

1st Investment Opportunity 2022

Water Equity WASH FUND IV

- WRC WASH Goal : 5-8M People
- Microfinance: 7% IRR
- 2:1 leverage of WRC member investments w/ additional investors

TODAY



Identify Additional Investment Opportunities (2022/2023)

- Aligned with WRC goals across Net Positive Water Impact
- Proven investment mechanisms
- Experienced Investment Managers
- Diversified risk / return

Q3/4 2022



WRC Investment Portfolio

- Governance / Investment Committee (Members & Financial Advisors)
- Multiple Investments aligned with WRC goals / 2030 Ambition Targets
- Impact Measurement & Reporting
- Potential to re-invest returns into WRC projects / Increase private investment

Q3/4 2022

- Net-Positive Water Impact (NPWI)



NET POSITIVE WATER IMPACT (NPWI) PLEDGE KEY TO 2030 AMBITION

NPWI Concept launched (10/26/2021), and it is about:

- Reducing water stress in its three dimensions – availability, quality, and accessibility
- It is achieved when a **company's contributions exceed direct operational footprint impacts in all water-stressed basins** - once achieved it needs to be maintained.

WRC is advancing the industry standard by creating the collective framework for action on water that will coalesce previously fragmented efforts in water stressed basins

UNITED NATIONS GLOBAL COMPACT

NPWI Principles

- NPWI is an enterprise **ambition** that **manifests in water-stressed basins** to create impact where it matters most.
- NPWI is **quantifiable** against the three dimensions of water stress (availability, quality, and accessibility), **aligns with established methodologies** (e.g., **context** and science-based water targets), and **can be measured via both short-term outputs and long-term outcomes**.
- An enterprise achieves NPWI through a **combination of investments** in its own operations and through **collective action partnerships/initiatives** within basins.

16



NPWI – OPERATIONALIZATION

Water stress dimensions	Company impacts on environment and communities	<u>Minimum</u> requirements to achieve NPWI *	Sample approaches
Availability	<ul style="list-style-type: none"> • Water consumption (not water withdrawals) beyond sustainability thresholds for the watershed 	<ul style="list-style-type: none"> • “Avoid” and/or “Reduce” company water consumption that is in excess of sustainability thresholds for the watersheds; and/or • “Restore” and/or “Regenerate”, in the watershed, a volume of water greater than the company water consumption in excess of sustainability thresholds for the watersheds. 	<ul style="list-style-type: none"> • “Avoid” and/or “Reduce” via internal action, e.g., reuse, recycling, efficiency • “Restore” and/or “Regenerate”, via unilateral action and/or multilateral / collective actions in the watershed; e.g.,
Quality	<ul style="list-style-type: none"> • Water pollution in areas facing water pollution beyond natural assimilation capacity 	<ul style="list-style-type: none"> • “Avoid” and/or “Reduce” company water pollution in excess of the watershed’s natural assimilation capacity; and/or • “Restore” and/or “Regenerate”, in the watershed, a volume of water quality greater than what the company pollutes in excess of the watershed’s natural assimilation capacity. 	<ul style="list-style-type: none"> • “Avoid” and/or “Reduce” via internal action e.g., wastewater treatment. • “Restore” and/or “Regenerate”, via unilateral action and/or multilateral / collective actions in the watershed.
Accessibility	<ul style="list-style-type: none"> • Water consumption and/or pollution in areas with unimproved access to WASH 	<ul style="list-style-type: none"> • “Avoid” company impacts on access to WASH • “Restore” the human right to water by increasing access to WASH in an amount that is proportional to the company’s scale and sphere of influence in the watershed (e.g., informed by company water consumption, contribution to GDP, or number of employees in local community). 	<ul style="list-style-type: none"> • “Avoid” via internal actions, e.g., WASH at workplace; and external actions e.g., eliminate impacts on water sources shared with communities. • “Restore” the human right to water via external actions in the watershed e.g., community WASH



NPWI – METRICS JOURNEY





CEO
WATER
MANDATE

Peer Connect



- 3-4 People
- Introduce yourself (name, company & role)
- Briefly describe your company's water goals
- Share one current challenge
- Share one recent success



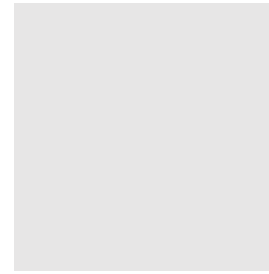


CEO
WATER
MANDATE

Key Project Updates

- **WASH4WORK**
- **Water Resilience Assessment Framework (WRAF)**

- WASH4WORK



ABOUT WASH4Work: Our Vision

WASH4Work is a multi-stakeholder initiative, launched in 2016, to mobilize business action on water, sanitation and hygiene (WASH) in workplace operations, in communities where companies operate, and across supply chains.

WASH4Work aims to:

- **Demonstrate business leadership on WASH in the workplace**
- **Share knowledge, leading practice and advocate best-in-class standards**
- **Continuously evolve the business case for prioritising WASH in corporate water stewardship**
- **Connect members to scale up WASH impact**
- **Build consensus and support the implementation of resilient WASH actions**



WASH
4WORK

Who are the WASH4Work Coalition Partners?

34 multi-stakeholder partners collaborating to elevate private sector leadership on WASH

22 business leaders demonstrating best practice on WASH in the workplace, value chains & communities

12 global WASH expert organizations

WASH4Work Secretariat hosted by the UN Global Compact CEO Water Mandate Initiative

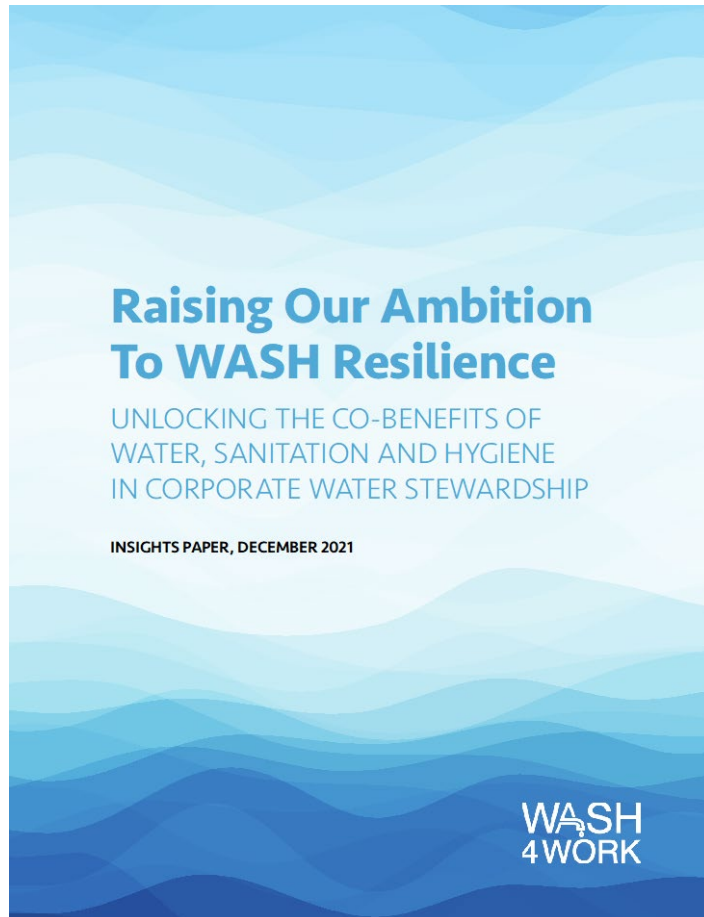
WASH4Work Co-Chairs: **WaterAid & Diageo**

WASH4Work Steering Group: **CWM, Coca-Cola, Diageo, GAP, TBC, UNICEF, Unilever, WaterAid, Xylem**

WASH 4WORK



Insights 2020-2021



Goals 2022

- Concrete Linkages: WASH in corporate water stewardship goals
 - **Establish leading practice on WASH in supply chains**
 - **Develop Business guidance on climate resilient WASH**
 - **Demonstrate performance and impact - standardized impact measurement for WASH**
 - **Optimize partnerships in communities via WASH4Work platform**
- Unleash the knowledge and expertise of the membership





3 New Projects 2022

1. Standardized Accounting Method for Co-benefits of WASH
2. Climate-Resilient WASH Framework for Business
3. WASH in the Supply Chain & WASH Pledge for Suppliers



Standardized Accounting Method for the Co-Benefits of WASH

Project Partners:

**WASH4Work, CEO
Water Mandate, LimnoTech, Water.org**

Objectives:

- **Strengthen the business case for investing in WASH**
- **Go beyond beneficiary counting to impacts, outcomes and co- benefits**
- **Link WASH to volumetric water benefits and corporate water stewardship goals**
- **Systems level approach of climate resilient WASH**
- **Guidance for business on the use and implementation**





Scope of Work / Working Group:

Phase 1: **(May-July 2022) Landscape review & WASH sector stakeholder engagement to align on the scope of co-benefit indicators**

Phase 2: **(Sept 2022 – March 2023) Development of standardized accounting method to launch at UN Water Conference May 2023**

Phase 3: **Guidance on use & implementation**

Valuing WASH in Corporate Water Stewardship





WORKING PAPER

VOLUMETRIC WATER BENEFIT ACCOUNTING (VWBA): A METHOD FOR IMPLEMENTING AND VALUING WATER STEWARDSHIP ACTIVITIES

PAUL REIG, WENDY LARSON, SAMUEL VIONNET, AND JEAN-BAPTISTE BAYART

EXECUTIVE SUMMARY

Highlights

- Volumetric water benefits (VWBs) are the volume of water resulting from water stewardship activities, relative to a unit of time, that modify the hydrology in a beneficial way and/or help reduce shared water challenges, improve water stewardship outcomes, and meet the targets of Sustainable Development Goal 6.
- Volumetric water benefit accounting (VWBA) provides corporate water stewardship practitioners with a standardized approach and set of indicators to quantify and communicate the volumetric water benefits, complementary indicators to measure nonvolumetric outputs, and elements of effective water stewardship activities that increase the likelihood of generating social, economic, and environmental benefits and solving shared water challenges.
- The method we propose includes recommended indicators and calculation methods for each water stewardship activity, communication guidelines, and a three-step process for implementation: (1) identify shared water challenges and understand local context; (2) define water stewardship project activities and partners; and (3) gather data and calculate volumetric water benefits.
- The limitations of VWBA include the lack of calculation methods for sanitation and hygiene, agrochemical management, and in-stream channel rehabilitation activities, as well as the need for additional assurance to guarantee the associated social, economic, and environmental benefits.

CONTENTS

- Executive Summary1
- Abbreviations6
- Introduction7
- Approach11
- Method14
- Communication and Aggregation25
- Discussion26
- Appendix A: Calculation Methods and Illustrative Examples26
- Glossary45
- References46
- Acknowledgments48
- About the Authors50





Working Papers contain preliminary research, analysis, findings, and recommendations. They are circulated to stimulate timely discussion and critical feedback, and to influence ongoing debate on emerging issues. Working papers may eventually be published in another form and their content may be revised.


Suggested Citations: Reig, P., W. Larson, S. Vionnet, and J.B. Bayart. 2019. "Volumetric Water Benefit Accounting (VWBA): A Method for Implementing and Valuing Water Stewardship Activities." Working Paper. Washington, DC: World Resources Institute. Available online at www.wri.org/publications/volumetric-water-benefit-accounting.

WORLD RESOURCES INSTITUTE WORKING PAPER | August 2019 | 1

Benefit Accounting of Nature-Based Solutions for Watersheds Landscape Assessment

AUGUST 2020



WASH 4 WORK

Development of a Standardized Method for Accounting for the Multiple Benefits of WASH Activities

Informational Webinar
November 18, 2021






Climate-Resilient WASH Business Framework

Co-Conveners:

WASH4Work, Water Resilience Coalition

Objectives:

- **Develop consensus on new targets for WASH best practice in corporate water stewardship that includes climate resilience.**
- **Create a business specific framework and guidance on how to design and implement Resilient WASH strategies into water stewardship action plans - and integrate with global frameworks.**
- **Create a database of practical solutions for developing and implementing Resilient WASH programming.**
- **Produce a position paper outlining a Climate-Resilient WASH Framework for Business to present publicly during the COP27 Climate meetings in November 2022**

Scope of Work / Working Group:

Phase 1: (May-Sept 2022)

- **Review of existing guidance tools;**
- **Development of business specific framework for climate resilient WASH targets and guidance**

Phase 2: (Aug-Nov 2022)

- **Collect and share existing business expertise, solutions, and leading practice**
- **Develop position paper for COP27**

WASH in the Supply Chain

Opportunity:

- **Develop best practice for engaging suppliers in WASH implementation**
- **Increasing impact of WASH via SMEs**

Objectives:

- **Define leading practice on how to implement WASH actions across supply chains**
- **Share learnings on how to engage suppliers via the WASH Pledge mechanism**
- **Develop support materials for suppliers' WASH Pledge implementation journey.**

Scope of Work / Working Group:

Phase 1: **(Feb-June 2022)**

Understanding the support needs of suppliers who have signed the WASH Pledge

Phase 2: **(July-Dec 2022)**

Working Groups

- **Defining leading practice for extending WASH actions to the supply chain, across different sectors**
- **Creating a WASH Pledge implementation engagement and support program specific to suppliers**



Calendar of Working Group Meetings



June

July

August

September

October

November

December

WASH in the Supply Chain: Working Group for WASH4Work Members

WASH Pledge: Working Group for Suppliers

Standardized Accounting Method for the Co-Benefits of WASH Project

Climate-Resilient WASH Framework for Business - Working Group



Schedule of Events 2022



August 29: 11:00-12:30
“A compelling case for business investment in WASH”
August 31: 12:00-13.30: WASH4Work session at CEO Water Mandate off-site event

Stakeholder engagement meeting of the Standardized Accounting Method for the Co-Benefits of WASH project

Climate Resilient WASH Business Framework and Position Paper



- Water Resilience Assessment Framework (WRAF)





WORLD
RESOURCES
INSTITUTE



**CEO
WATER
MANDATE**



International Water
Management Institute



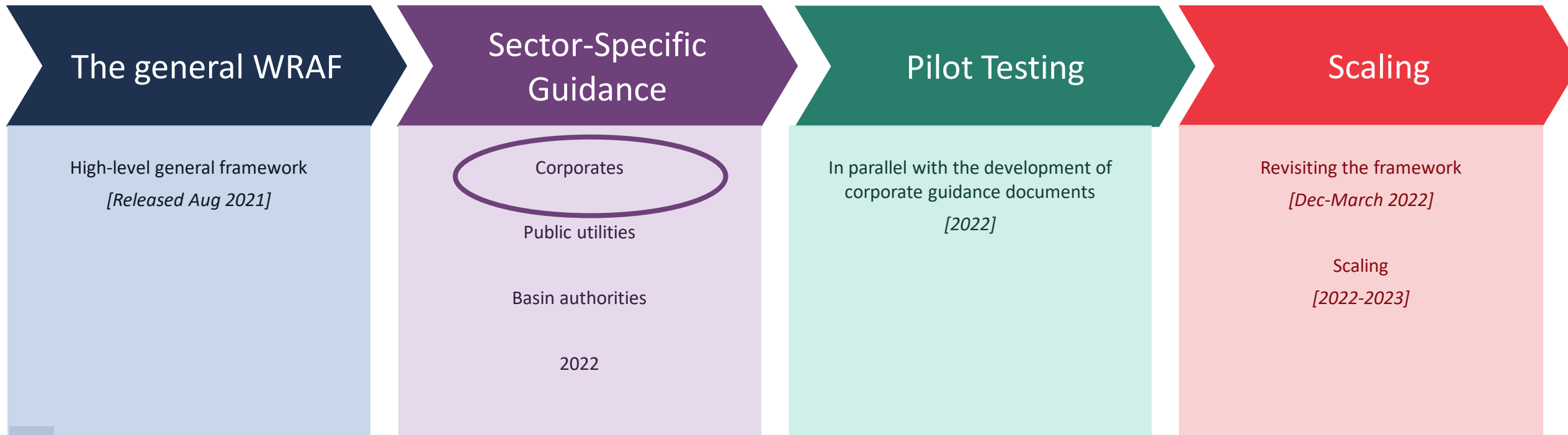
- Climate change, population growth, other anthropogenic impacts and extreme events can bring **dynamic changes to water systems**.
- Shocks and stresses can **change the system either gradually, abruptly, or unpredictably**.
- Organizations need to think about **how to build resilience** to future shocks and stresses.

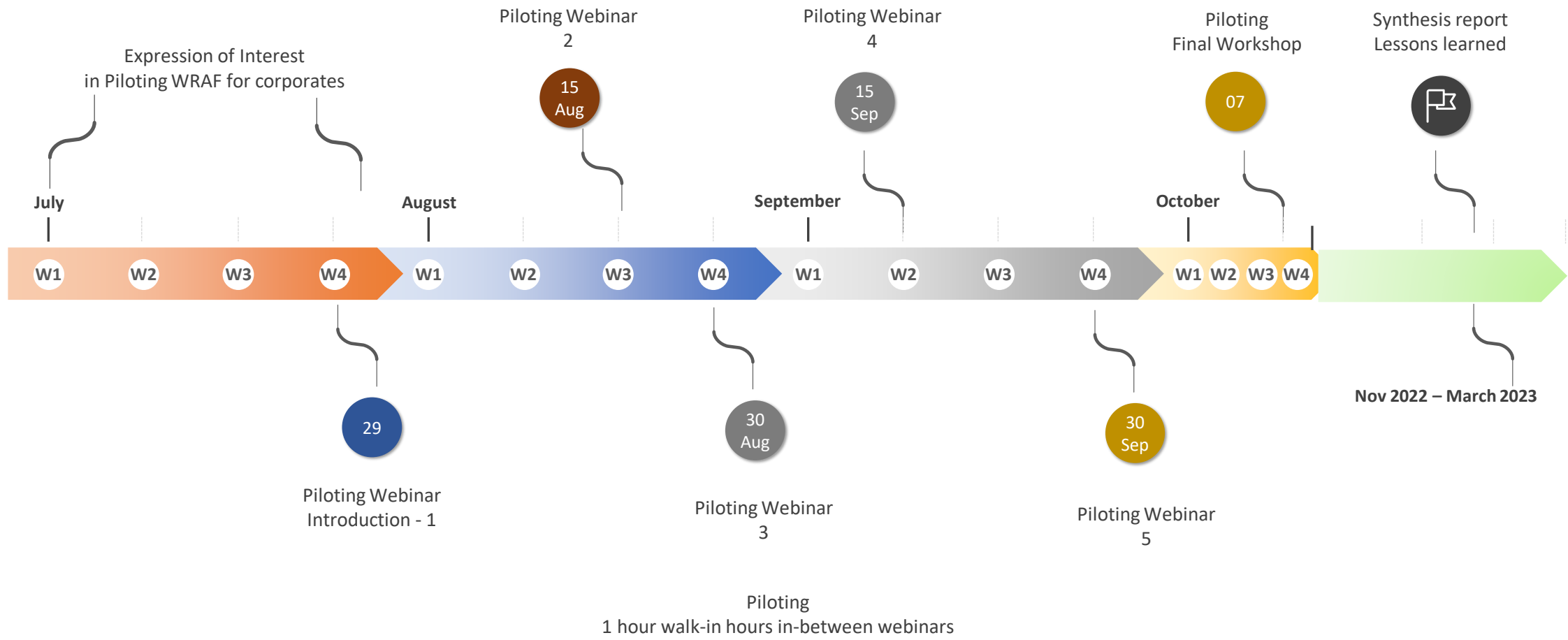
The Water Resilience Assessment Framework (WRAF) informs resilient decision-making to avoid shocks and stresses from becoming crises.



A globally accepted **Water Resilience Assessment Framework (WRAF)** that supports consistent and coherent measures and strategies to assess basin-level water system resilience and to encourage the contribution of stakeholders, individually and collectively, to resilience.

Key deliverables/timelines







CORPORATE SECTOR



WATER UTILITIES
AND URBAN
SECTOR



BASIN AUTHORITIES
AND PLANNERS



Piloting in one specific
corporate setting



Piloting jointly in a
basin with corporate
and public utilities



Collaborating or
funding in upscaling
and outreach
activities



Engaging in
developing the
guidance document
for basin authorities

Contact: **Ashok Chapagain**
Project Coordinator – WRAF
akchapagain@pacinst.org



**CEO
WATER
MANDATE**

Thank You

