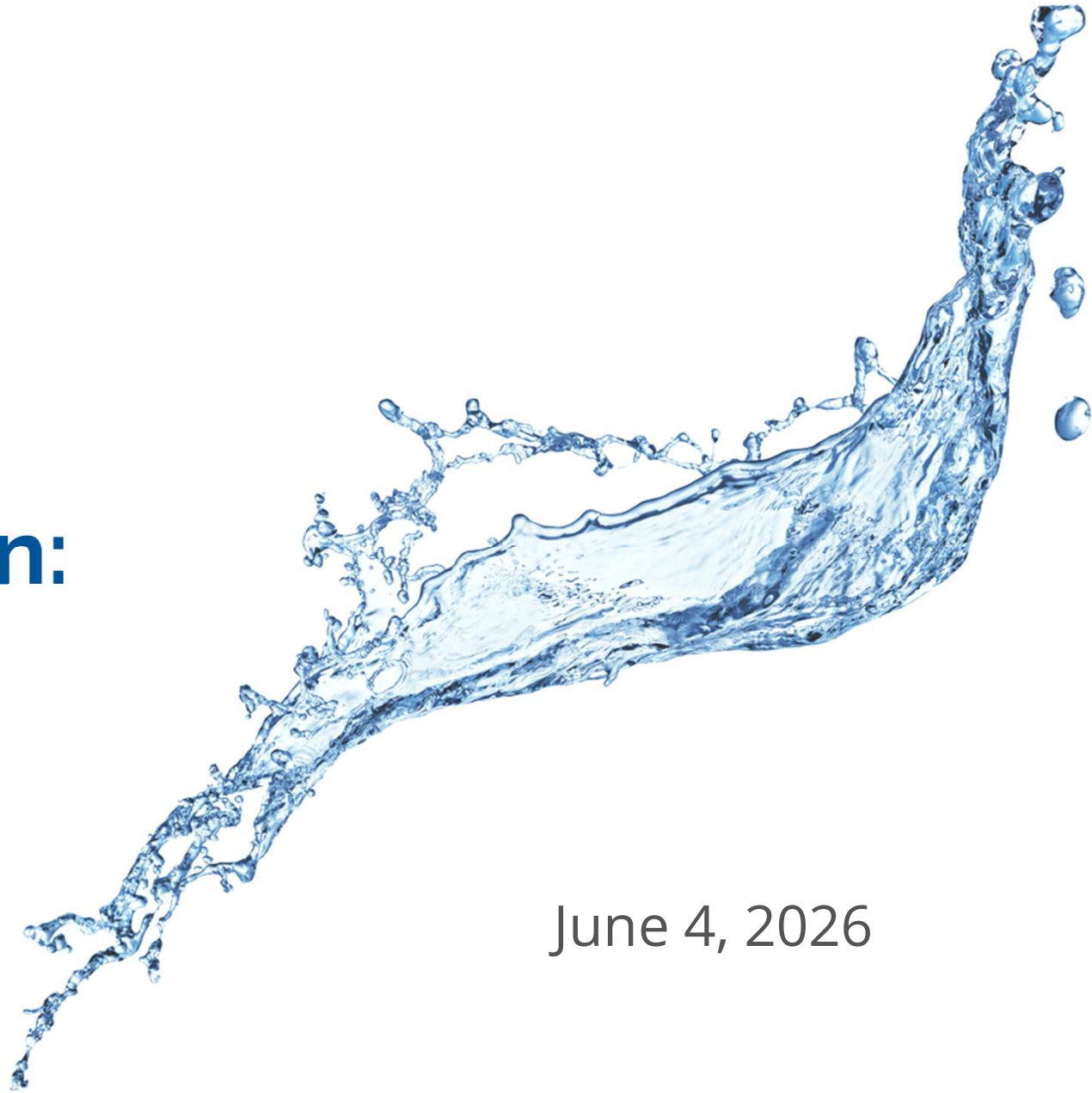




Climate Proofing Water & Sanitation:

Why Resilience Matters for Growth, Risk
Management, Impact and Fundraising

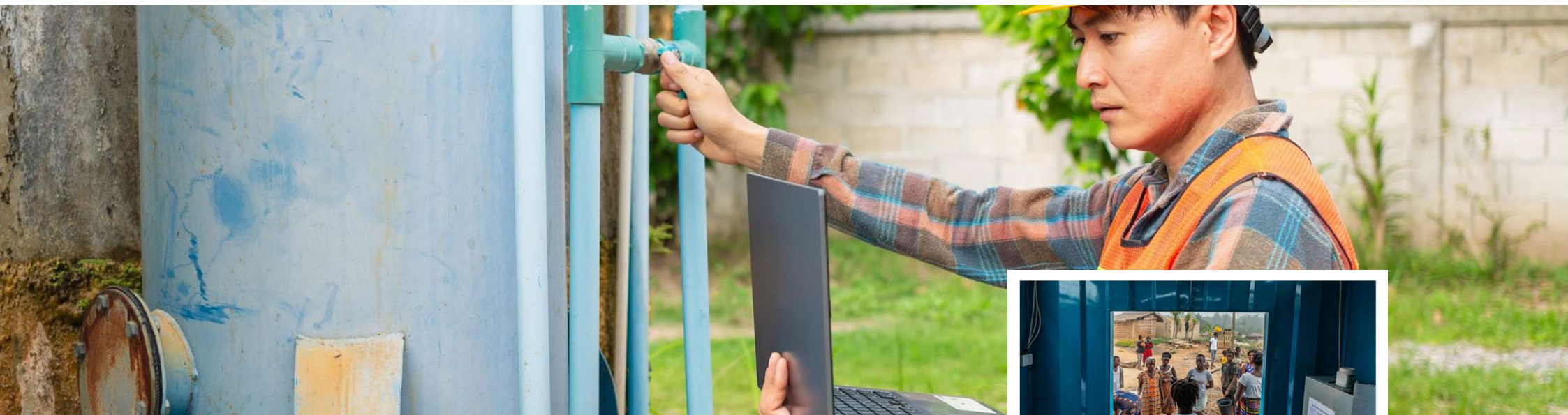


June 4, 2026



Agenda

5 mins	Introduction Aqua for All
5 mins	Polling - getting to know you
10 mins	Exploring climate-resilient WASH and why it matters
20 mins	Looking at how to assess and plan for climate risks to create resilience in SMEs
15 mins	Walk through the Climate Risk Assessment tool on mWater
5 mins	Q&A



This is Aqua for All.

We are an international foundation transforming the water and sanitation (WASH) sector into a sustainable and inclusive economy.

We leverage our funding through strategic granting and partnerships. We work with WASH enterprises and with financial institutions, asset managers and other finance vehicles.

By catalysing private capital for market development and increasing access to finance, we accelerate access to affordable, climate-smart, gender sensitive WASH services globally.



Our Climate Approach

Aqua for All ensures WASH investments are climate smart: avoiding emissions, reducing risks and building resilience.

The climate crisis is primarily a water crisis.

- **Communities** need access to safe WASH services to increase their **resilience to climate shocks and hazards.**
- **Service providers** need to be able to **continue providing high quality services** even in the face of an **unstable and uncertain climate**



Introduction to FLUSH



FLUSH is Aqua for All's technical partner on climate risk assessments, and adaptation planning and support for SMEs

- Global consulting company
- Experts in data-driven storytelling
- Specialties in water, sanitation, and climate
- Aqua for All hired FLUSH for climate integration in WASH SMEs
- Supports assessments, potential planning, and technical assistance

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www.menti.com

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Or use QR code

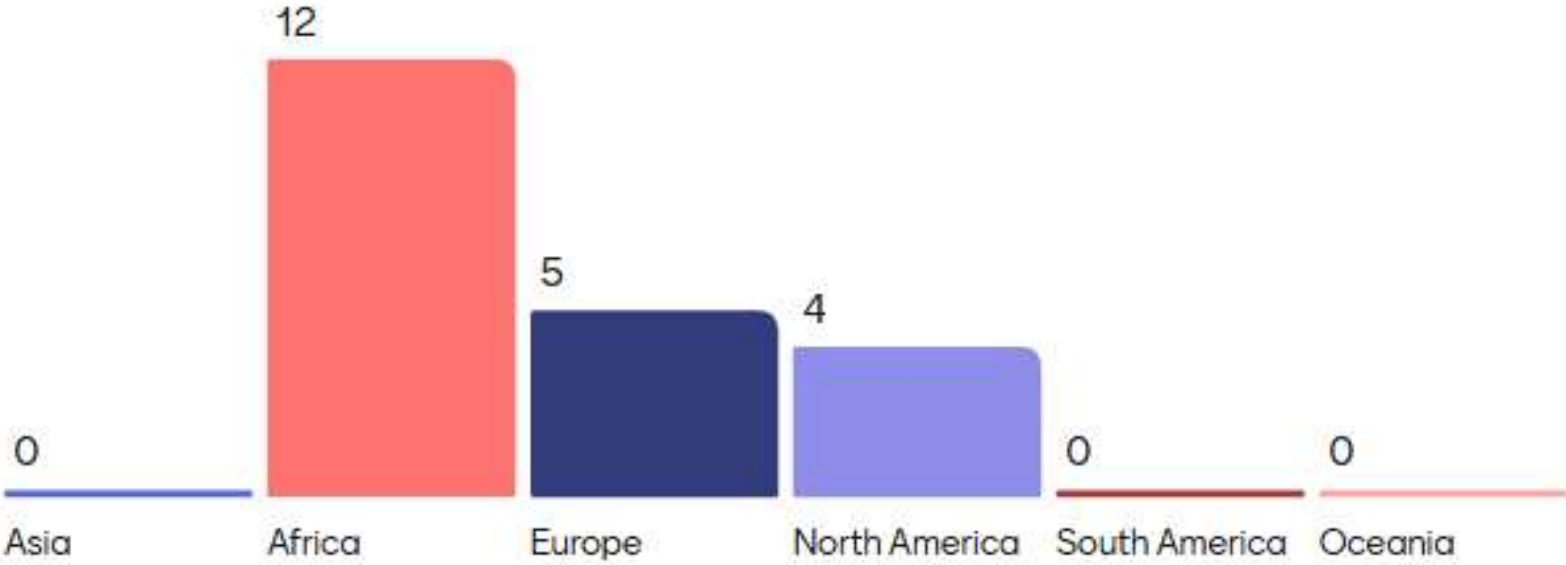
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Where are you joining us from?



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What does climate resilience mean to you?



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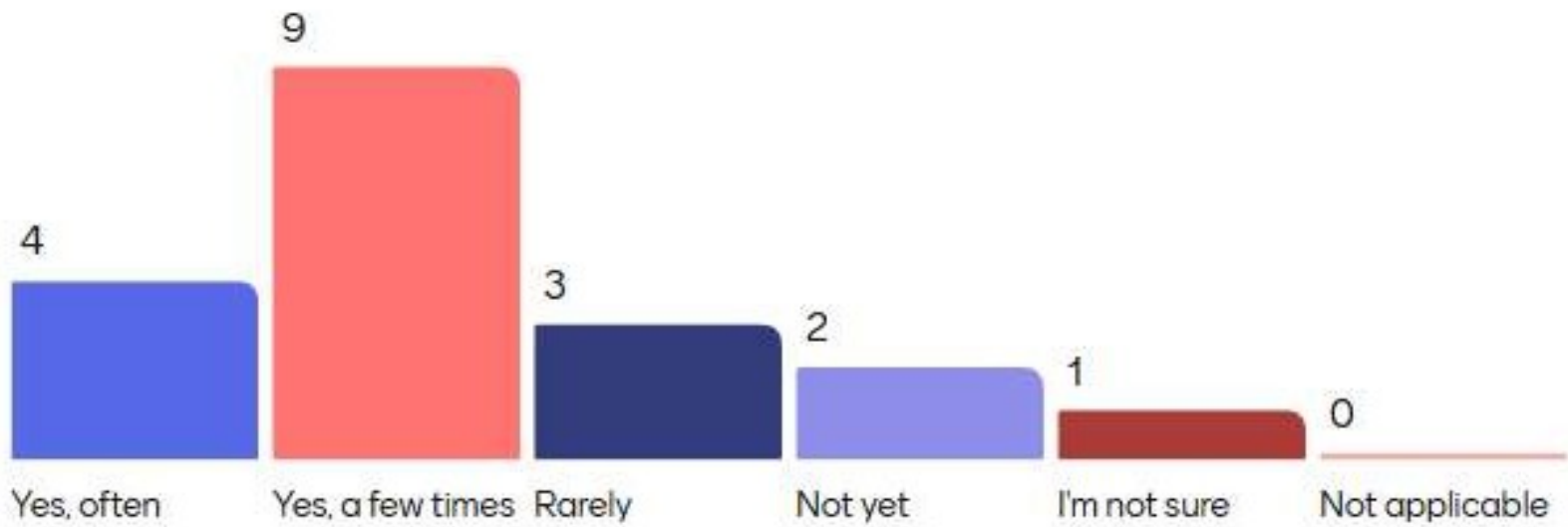


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Have you ever done something concretely on climate resilience, either in your own business, or funding/advising others?

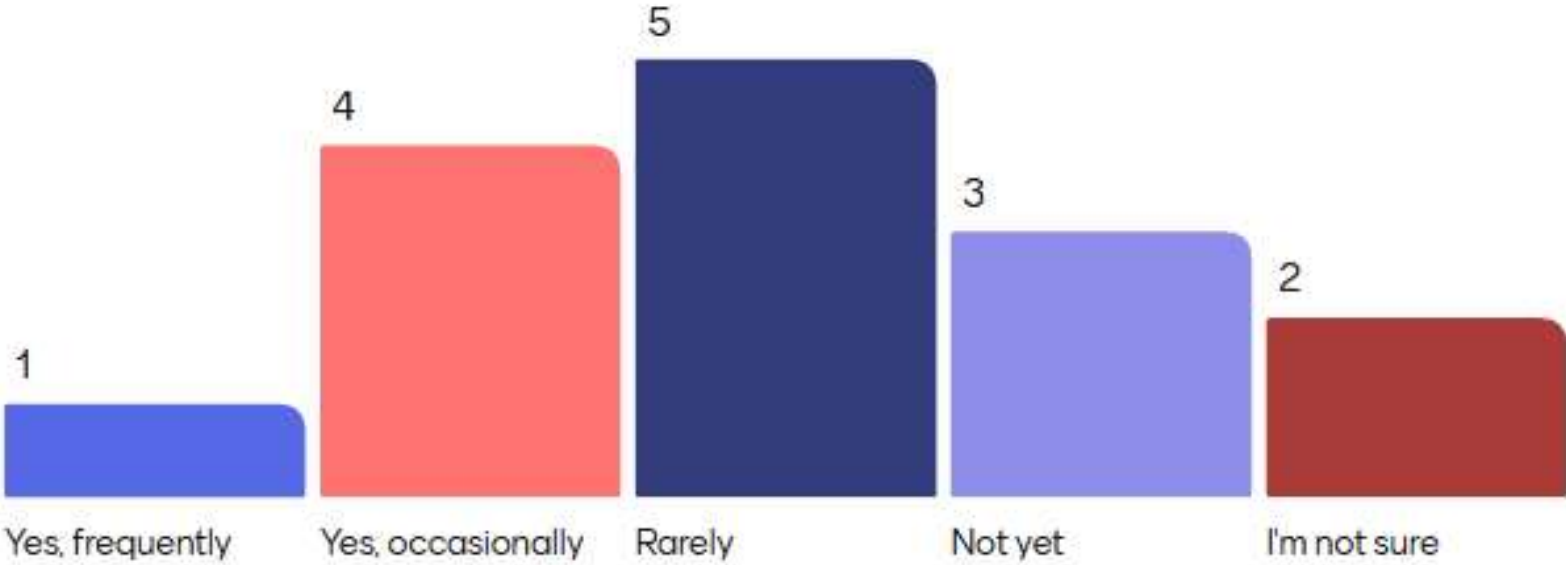


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Has your SME already experienced climate-related disruptions?



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Agenda

- 1. What is Climate-Resilient WASH?**
2. Climate Risk Assessment (CRA): why & how?
3. mWater tool for a CRA

Climate-Resilient WASH

Climate-Resilient WASH (from Sanitation & Water for All):

*“Services that **anticipate, respond to, cope with, recover from, adapt to or transform ...** based on climate-related events and trends - all while striving to achieve and maintain universal and equitable **access to safely managed services, minimizing emissions** where appropriate, and paying **special attention to the most exposed and vulnerable groups.**”*

Strengthening Business Resilience to Enable Climate-Resilient WASH Services



Resilience created *through* services

Your services ensure climate resilience for customers by providing access to water during heat stress and managing fecal sludge to prevent CO2 emissions and contamination

Resilience *of* services

Climate change poses risks to your business model, including damage to infrastructure and depletion of water sources.

Examples of Climate Resilience projects

Irrisol | Piped water supply company

Climate hazard: → Frequent river flooding

Impact: → Boreholes are damaged – disruption of water supply – displaced community

Their adaptation plan:

- Install additional water storage capacity
- Training staff on flood resilient infrastructure, and
- Community awareness workshops on flood preparedness.

Sibdou Distribution and Services | Safe water enterprise

Climate hazard: → Decrease in rainfall

Impact: → Falling ground-water tables – business reliant on groundwater

Their adaptation plan:

- Invest in the design and installation of rainwater harvesting systems
- Raise awareness about responsible water use in the community



Adaptation application and funding process

Eligibility Criteria:

- Registered entities/SMEs with at least **3 years of operations**
- Providing **water and sanitation products or services (SDG 6)** in a commercial and/or market-based approach

Eligible Countries:

- Benin
- Burkina Faso
- Côte d'Ivoire
- Ethiopia
- Ghana
- Mali
- Nigeria
- Senegal



Assessment and support

- Assessment of emissions and climate risks.
- Technical assistance (TA) support on understanding climate language and framing the climate change narrative.
- Support with the design of adaptation activities.



Apply for funding

- Submission of climate risk assessment, adaptation plan and budget.
- Adaptation activities can be technical or non-technical, e.g.:
- Plan for response in the event of extreme weather events, early warning systems
 - Adjustment of service/design or infrastructure
 - Customer awareness raising

~\$10k-30k value
(TBD after the
CRA/adaptation plan)



Implementation and monitoring

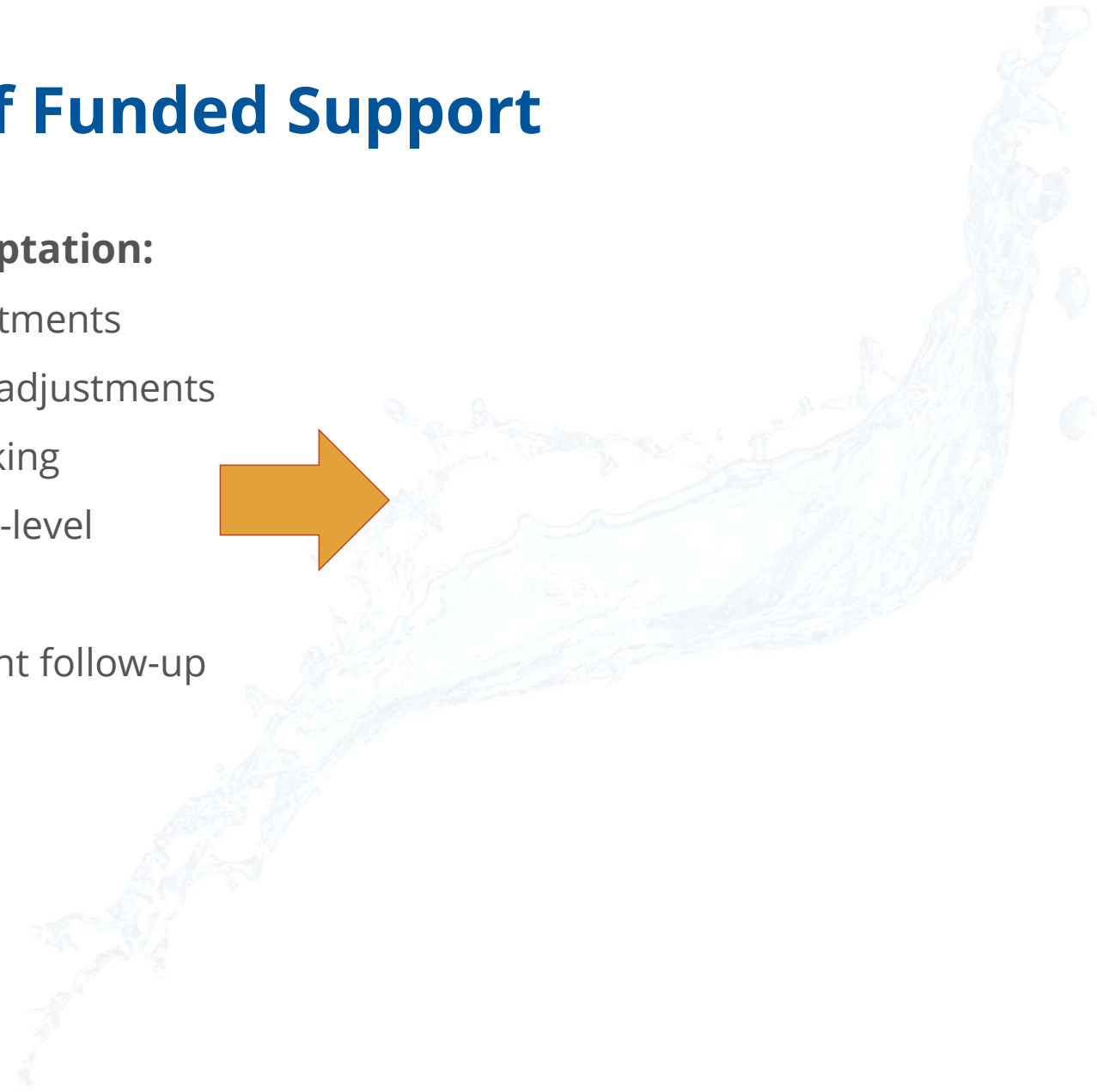
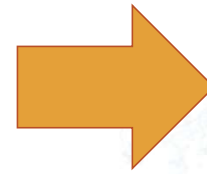
- Implementation of the adaptation activity
- Monitoring and sharing of the results



Potential Types of Funded Support

Focus areas for Climate Adaptation:

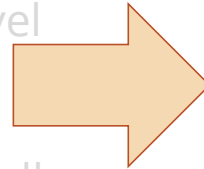
- Operational and infra adjustments
- Business model & financial adjustments
- Governance & decision-making
- Service delivery & customer-level resilience
- Data, tools & risk assessment follow-up
- Partnerships & funding



Potential Types of Funded Support

Focus areas for Climate Adaptation:

- Operational and infra adjustments
- Business model & financial adjustments
- Governance & decision-making
- Service delivery & customer-level resilience
- Data, tools & risk assessment follow-up
- Partnerships & funding



Examples for potential future support:

- Emergency continuity plans
- Staff training on specific adaptation activities
- Climate adaptation communications development for customers
- Researching best practices on particular climate hazards for local contexts
- Infrastructure upgrades and rehabilitation
- Environmental studies/ESIAs
- Landscape assessments and engineering surveys



Agenda

1. What is Climate-Resilient WASH?
- 2. Climate Risk Assessment (CRA): why & how?**
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What is a climate risk assessment?

To be resilient SMEs, you must:

1. identify vulnerabilities in operations and
2. develop an adaptation plan for long-term sustainability

Aqua for All developed a list of questions to assess risks, identify vulnerabilities, and design adaptation activities

This is the climate risk assessment we will discuss in this webinar

Aqua for All - Climate Risk Assessment

1. / 2. / 3. Climate Hazards

Climate Hazards

The first step is to identify the likelihood of the following climate hazards occurring in the location of your operations. For each of the following hazards, please score the likelihood of occurrence from very low to very high. Refer to resources such as [Think Hazard](#) for cross checking

N.B. This first step is only assessing the likelihood of the hazard occurring in the area of your operations, not the impact of occurrence.

Hazard

Likelihood

Floods

River/urban/coastal flood, extreme runoff

Very High ▾

Water Availability

Drought, water scarcity, groundwater reduction

High ▾

Water Quality

Saltwater intrusion, surface water quality risks, groundwater quality risks

Medium ▾

Storms

Cyclones/ hurricanes/storms, hail

Very Low ▾

Extreme Heat

High ▾

Other Climate Related Risks

Specify below

▾



What are climate risks?

Risk = Hazard Likelihood x Impact

Hazard Likelihood: The probability that a specific climate-related hazard will occur (such as flooding or drought) to which the WASH service may be exposed to within a defined time period

Impact: The severity of the negative effects on the WASH service, infrastructure, or users if the climate hazard occurs, and the capacity to recover from it.

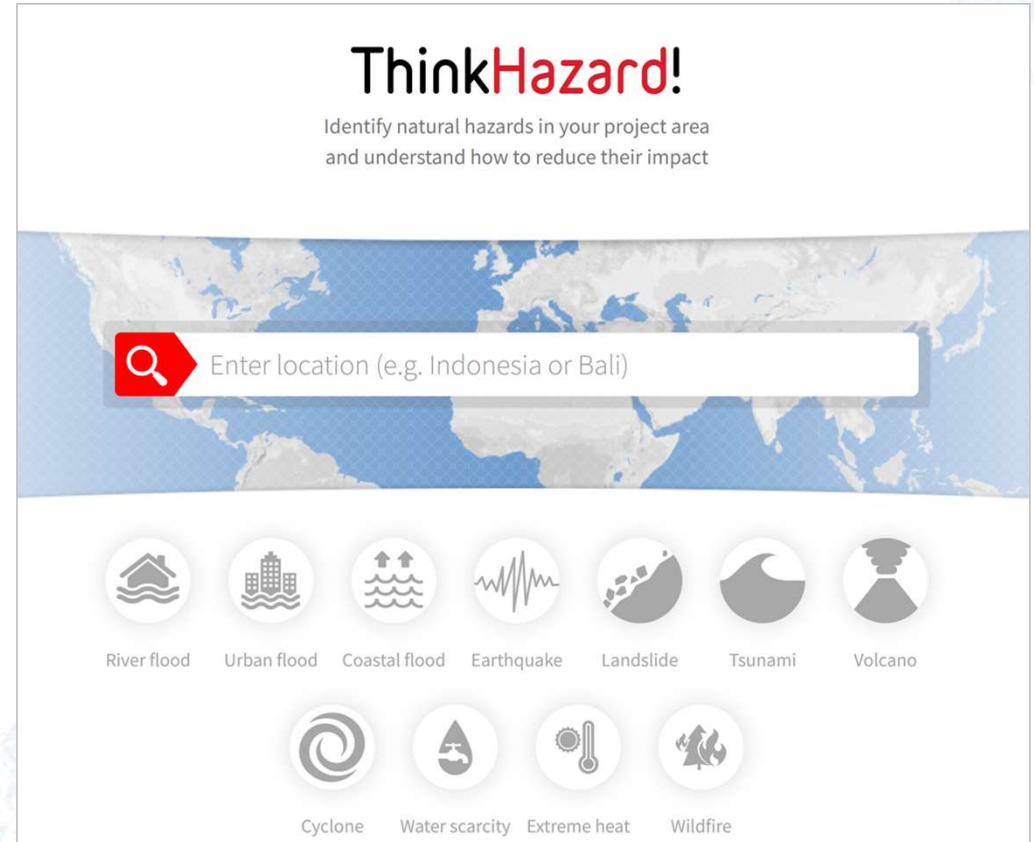
We will assess climate risks through the CRA by:

- 1. Defining the local scope and service*
- 2. Identifying climate hazards*
- 3. Assessing vulnerability*
- 4. Prioritising risks*

What are hazards?

- Floods
- Water scarcity
- Water quality
- Storms
- Extreme heat
- Other (landslides, wildfire, earthquakes, etc.)

NB: Not every climate impact has immediate consequences, like floods or droughts. There are also long-term effects, such as low water tables and worsened water quality.



ThinkHazard!
Identify natural hazards in your project area and understand how to reduce their impact

Enter location (e.g. Indonesia or Bali)

River flood Urban flood Coastal flood Earthquake Landslide Tsunami Volcano

Cyclone Water scarcity Extreme heat Wildfire

www.thinkhazard.org



How to assess organizational impact?

- **Environmental:** reliance on natural resources, environmental conditions
- **Social:** change in market demand, consumers' ability to pay, human workforce, community awareness
- **Technical:** infrastructure, supply chains, electricity grid
- **Institutional:** operational emergency plans, early warning systems, institutional support
- **Financial:** Repair costs, insurance, share of company's assets

Score	
1	No threat
2	Low threat
3	Moderate threat
4	High threat
5	Very high threat

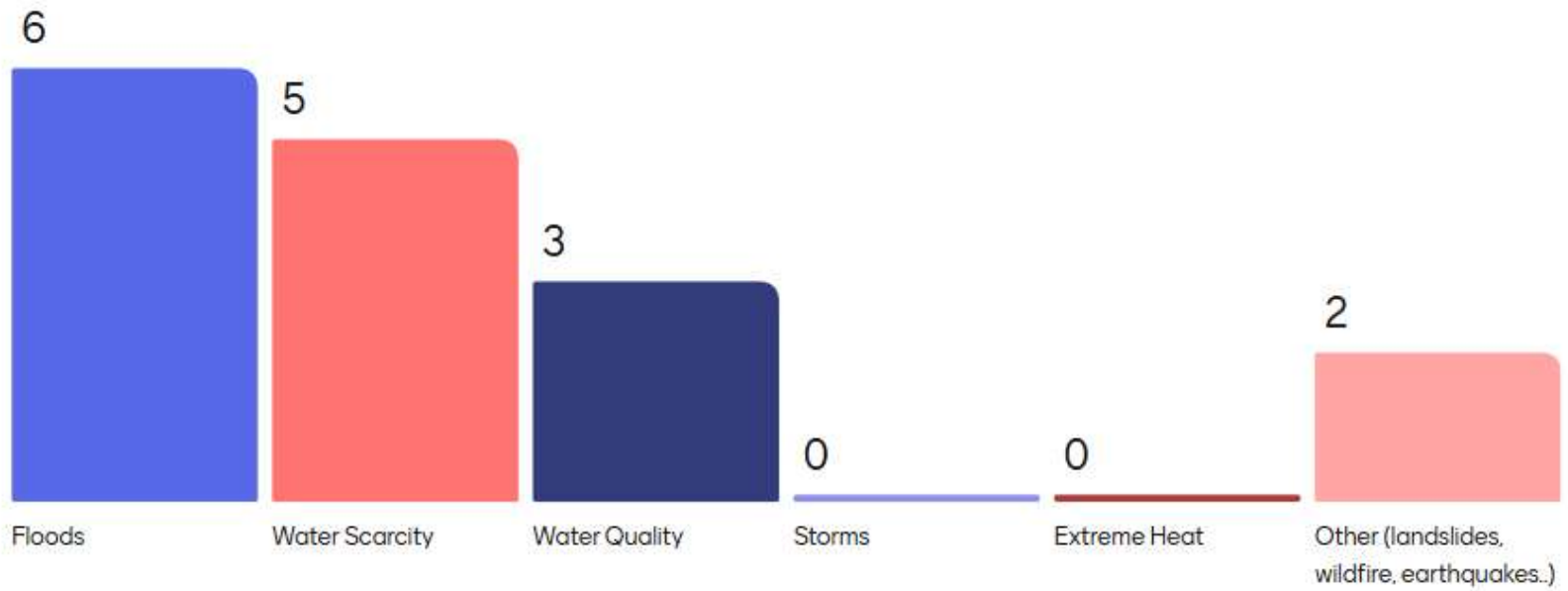


Climate Impact Example

Impact: The severity of the negative effects on the WASH service, infrastructure, or users if the climate hazard occurs, and the capacity to recover from it.

Hazard Type	Impact Dimension	Examples	Impact Score
Flooding	Environmental	location is in the floodplain of a river/close to the shore	Very High
	Social	Income for low-income and middle-income communities is reduced due to floods and reduces ability to pay for services	No threat
	Technical	Vehicle fleet can't operate in flooded areas	Low Threat
	Institutional	There is no (useful) early warning system for floods.	High Threat
	Financial	Enterprise does not have insurance for flooding.	Moderate

Which two climate hazards do you think pose the greatest risk to your operations?



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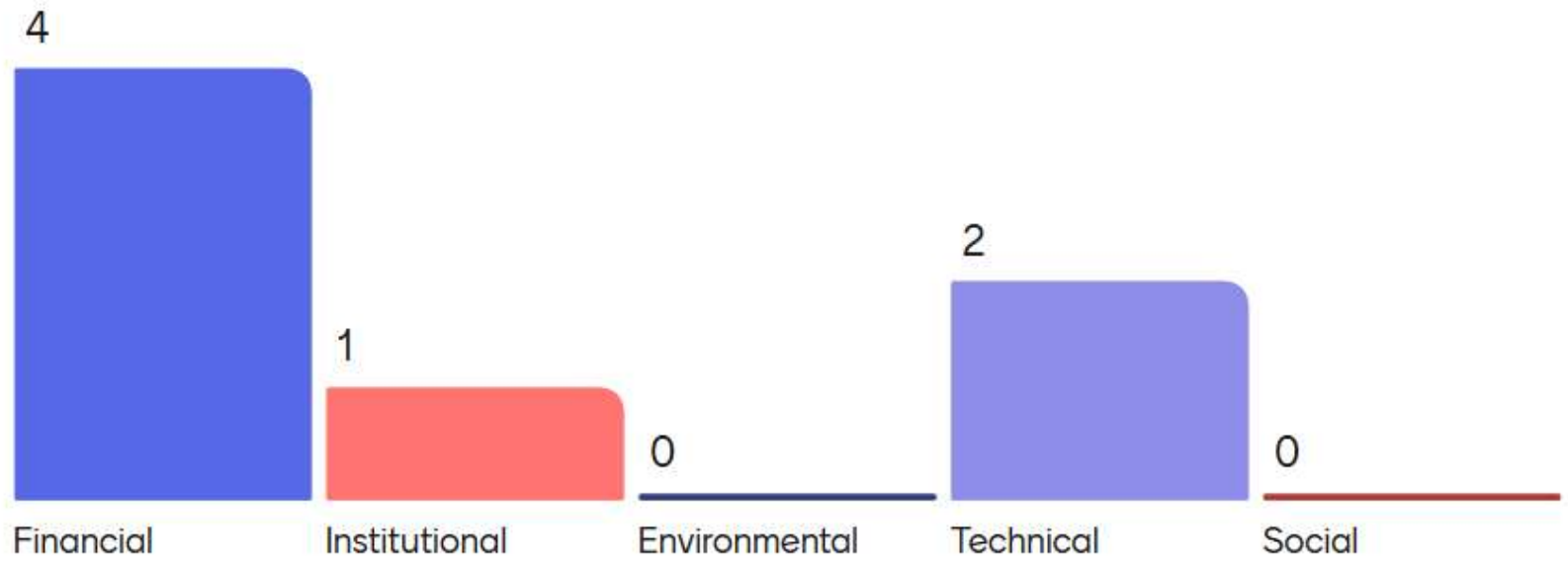


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Which impact dimension is most relevant your enterprise for your climate hazards?



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Agenda

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Completing the CRA survey on mWater

Option 1: Through the web-link
<https://go.mwater.co/climate/survey>

or QR Code



Option 2: Through the mWater App
<https://app.mwater.co/#/>

Access the survey by joining the mWater Climate Risk Assessment organisation with the code **570528582**

This option allows the user save and edit the survey in iterations

Once the survey is opened, you are able to select the language of English or French at the top of the screen.



Viewing the CRA results on mWater

Through the web-link

<https://go.mwater.co/climate/dashboard>

or QR Code



	Hazard Likelihood	Hazard Impact												Hazard Risk Rating	
		Technical			Environmental			Social			Financial			Risk Score	Risk Rating
		Infrastructure	Supply Chains	Electricity	Natural Resources	Environmental Degradation	Hazard Prone	Market Demand	Ability to Pay	Workforce	Operational Costs	Downtime	Financial Viability		
Flood	Very High	High Impact	Low Impact	Very High Impact	Medium Impact	Low Impact	High Impact	Medium Impact	High Impact	Very High Impact	High Impact	Medium Impact	High Impact	17.92	High
Water Availability	Low	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Water Quality	Medium	Medium Impact	Very High Impact	High Impact	High Impact	Very High Impact	High Impact	Medium Impact	Low Impact	No Impact	Medium Impact	High Impact	High Impact	10.50	Medium
Storms	Low	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Extreme Heat	Low	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Climate Related Disasters	Very Low	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Please note: The results of the assessment will be visible to those who visit the dashboard. Please contact Aqua for All if you would like to submit your CRA separately

What is one word that describes how you feel about Climate Risk Assessments?

helpful
informative clear practical
impactful insightful

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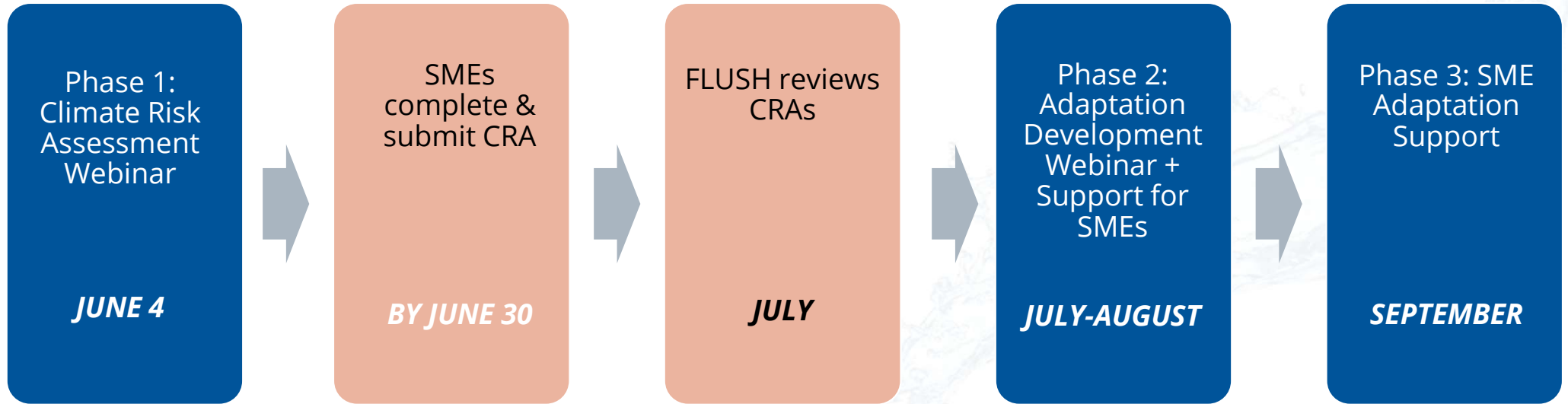
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Next Steps



Climate Risk Assessment
Walk-In Clinics

EN & FR:
JUNE 16



All you need to know: Applications

- **Website:** <https://aquaforall.org/news/build-a-climate-resilient-water-and-sanitation-business/>
- **Climate Risk Assessment Survey:** <https://go.mwater.co/climate/survey>
- **Climate Risk Assessment Dashboard:** <https://go.mwater.co/climate/dashboard>
- **Deadline:** 30 June 2026
- **Contact:** programmes@aquaforall.org

Additional resources

- **Practical Guide for Implementers:**

FR: <https://www.aguaconsult.co.uk/library/%C3%A0-l'intention-des-ong-pour--accro%C3%AEtre-l'impact%2C-la-collaboration-et-le-passage-%C3%A0-l%E2%80%99%C3%A9chelle>

EN: <https://www.aguaconsult.co.uk/library/a-practical-guide-for-ngos-to-drive-impact%2C-collaboration%2C-and-scalability>

- **(Urban) Water Safety Plans Guidelines:**

<https://www.who.int/publications/m/item/climate-resilient-water-safety-plans-guideline-urban-water-supply-system>

- **World Bank Climate and Disaster Risk Screening Tools:**

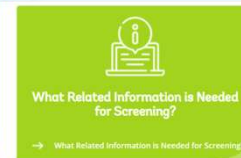
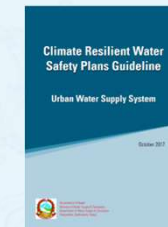
<https://climatescreeningtools.worldbank.org/>

- **Strategic Framework for WASH Climate Resilience:**

<https://gwpo-gwp.org/solutions/our-interventions/climate-resilience-through-water/wash-climate-resilience/>

- **JMP/GLAAS updated review of indicators for climate resilient WASH:**

<https://washdata.org/topics/climate-resilient-wash>





Questions?

www.aquaforall.org

Thank you!

