

APPLICANT GUIDE: COLOMBIA PILOT (PILOT 2)

QBE ACCELICITY HUMANITARIAN CHALLENGE 2027

Helping communities make better use of climate and risk information

The QBE AcceliCITY Humanitarian Challenge 2027 is seeking technology-enabled solutions that help communities generate, access, share and use climate and risk intelligence.

The winning solution will have the opportunity to participate in a funded pilot valued up to AUD \$100,000, delivered in partnership with the Colombian Red Cross and the Global Disaster Preparedness Center (GDPC).

The pilot will provide an opportunity to test solutions within real-world climate resilience, early warning, anticipatory action and disaster risk reduction initiatives.

The challenge

Communities need access to climate and risk information that is locally relevant, trusted, and actionable. National-level climate risk data is often too broad and lacks the hyper-local granularity needed for effective community-level adaptation and planning. At the same time, local knowledge, observations and lived experience are often underutilised in climate and disaster risk management.

As climate-related hazards become more frequent and complex, communities need more than access to information. They need the ability to generate, access, share and use information that supports preparedness, adaptation and response decisions.

We are looking for technology-enabled solutions that help communities become active contributors to climate and risk intelligence rather than passive recipients of information. By improving how local information is generated, shared, interpreted and used, solutions can support stronger preparedness, adaptation, decision-making and resilience outcomes.

Key dimensions of the Challenge

Your solution may address one or more of the following dimensions of the challenge.

Generate

How can communities contribute local knowledge, observations and information about climate and disaster risks?

We're interested in solutions that help communities capture, contribute and validate local information that can strengthen understanding of climate and disaster risks.

Access

How can communities access climate and risk information that is locally relevant, trusted, and usable?

We're interested in solutions that make climate and risk information more accessible, reliable, understandable and actionable for communities.

Share

How can communities exchange climate and risk intelligence across households, community networks, institutions and preparedness actors?

We're interested in solutions that improve how climate and risk information moves between people, communities and organisations.

Use

How can climate and risk intelligence support preparedness, adaptation, response and resilience decisions?

We're interested in solutions that help people turn information into decisions and actions that reduce risk and strengthen resilience.

What kinds of solutions might fit?

The challenge is intentionally broad. We welcome technology-enabled solutions from a wide range of sectors, disciplines and technology backgrounds. We're interested in any approach that helps communities make better use of climate and risk information.

Examples may include:

- Early warning solutions
- Community reporting platforms
- Participatory data systems
- Citizen science approaches
- Mapping and visualisation tools
- Artificial intelligence-enabled analytics
- Risk communication technologies
- Connectivity and information-sharing tools
- Decision support platforms
- Other approaches that help communities generate, access, share or use climate and risk information.

These examples are illustrative only. Solutions do not need to fit neatly into these categories.

Pilot opportunity

The winning solution will be eligible for a funded pilot valued up to AUD \$100,000.

Potential pilot locations being explored span multiple regions of Colombia and may connect with existing initiatives focused on:

- Climate resilience
- Early warning systems
- Anticipatory action
- Disaster risk reduction
- Community-based preparedness.

This challenge creates an opportunity to explore how community-generated information, local observations, climate science and risk intelligence can be combined in ways that are trusted, accessible and actionable.

What we're looking for

We are particularly interested in solutions that can:

- Demonstrate a clear link to the Challenge
- Create practical value for communities facing climate and disaster risks
- Be tested in real-world community settings
- Work within diverse and sometimes resource-constrained environments
- Generate evidence and learning that may support future adoption and scale
- Strengthen community decision-making, preparedness and resilience.