

HACK TO THE RESCUE

in collaboration with



This is not an ADB material. The views expressed in this document are the views of the author/s and/or their organizations and do not necessarily reflect the views or policies of the Asian Development Bank, or its Board of Governors, or the governments they represent. ADB does not guarantee the accuracy and/or completeness of the material's contents, and accepts no responsibility for any direct or indirect consequence of their use or reliance, whether wholly or partially. Please feel free to contact the authors directly should you have queries.

Air Quality Hackathon

Build cutting-edge technology to fight the world's silent killer.

Time: **Dec 6-8th, 2023**

Form: **Online Event (CET)**

Registration: hacktotherescue.org

About Tech To The Rescue



Tech To The Rescue is the world's largest organisation enabling tech companies to have a positive impact by providing pro-bono tech services for nonprofits.

With more than 1200 technology companies registered to Tech To The Rescue, **nonprofits can access a wide range of tech services**, from software development, to cybersecurity, mobile applications development, data and cloud solutions to name a few.

We have facilitated the creation of more than 300 impactful tech solutions in Latin America, India, South America, the US, Ukraine & many more.

1200

TECH COMPANIES
from 58 countries

↑ 480% growth

900

NONPROFITS
from 75 countries

↑ 266% growth

250+

PROJECTS
in 28 countries

↑ 350% growth

>4M

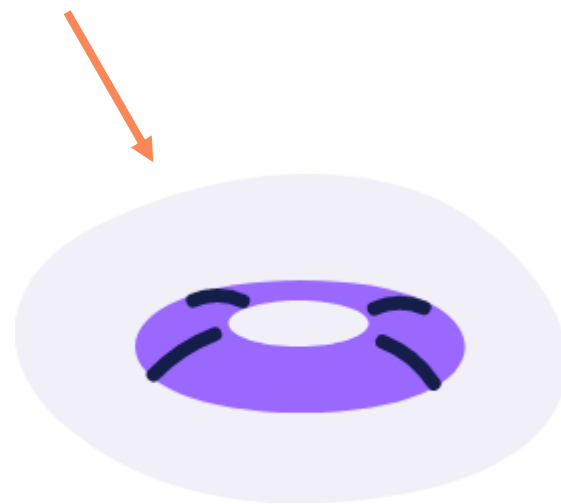
**HUMAN LIVES
IMPACTED**
(estimated)

How does Tech To The Rescue work?

Nonprofits



Register and get verified



Prepare a project brief



Nonprofit & Tech Company are matched and start the project!

Tech Companies

Pledge engagement and declare areas of interest/competence



Browse a list of open projects





Air Quality Hackathon

Dec 6-8th, 2023

This top-tier event is organized by **Tech to the Rescue** in collaboration with **Amazon Web Services (AWS)**. The hackathon is 100% online and gathers tech teams from all over the world.

We are engaging tech industry leaders as speakers and mentors as well as Air Quality experts to support teams to solve burning Air Quality challenges coming from the world's leading nonprofits.

The goal is to develop innovative tech solutions which will increase the nonprofits' positive impact.

[Visit event website here.](#)



30+ Tech Companies

Air Quality challenges from leading nonprofits

3 days of hacking for good

Why Air Quality?

Air pollution is a silent killer considered one of the World's most significant health and environmental dangers. It is causing 6.7 million premature deaths worldwide.

Our goal

To develop innovative tech solutions to 10 burning Air Quality Challenges, sourced from world's leading nonprofits.

Our secret weapon

Early access to Bedrock AI by Amazon.

HACK TO THE RESCUE

The impact story

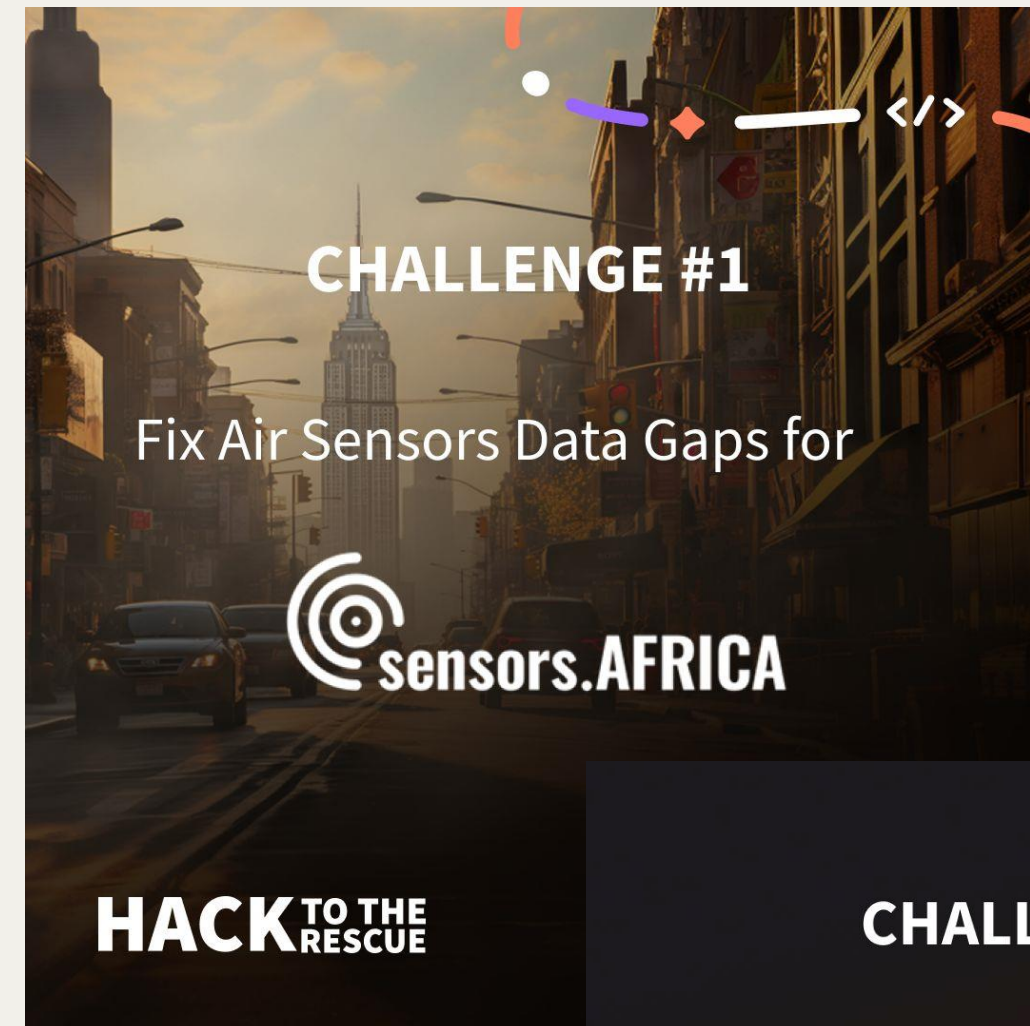
We source burning Air Quality challenges from areas mostly impacted: South East Asia & Sub-Saharan Africa from world leading nonprofits.

Tech solutions developed will be ready to be implemented by the nonprofit organisations.

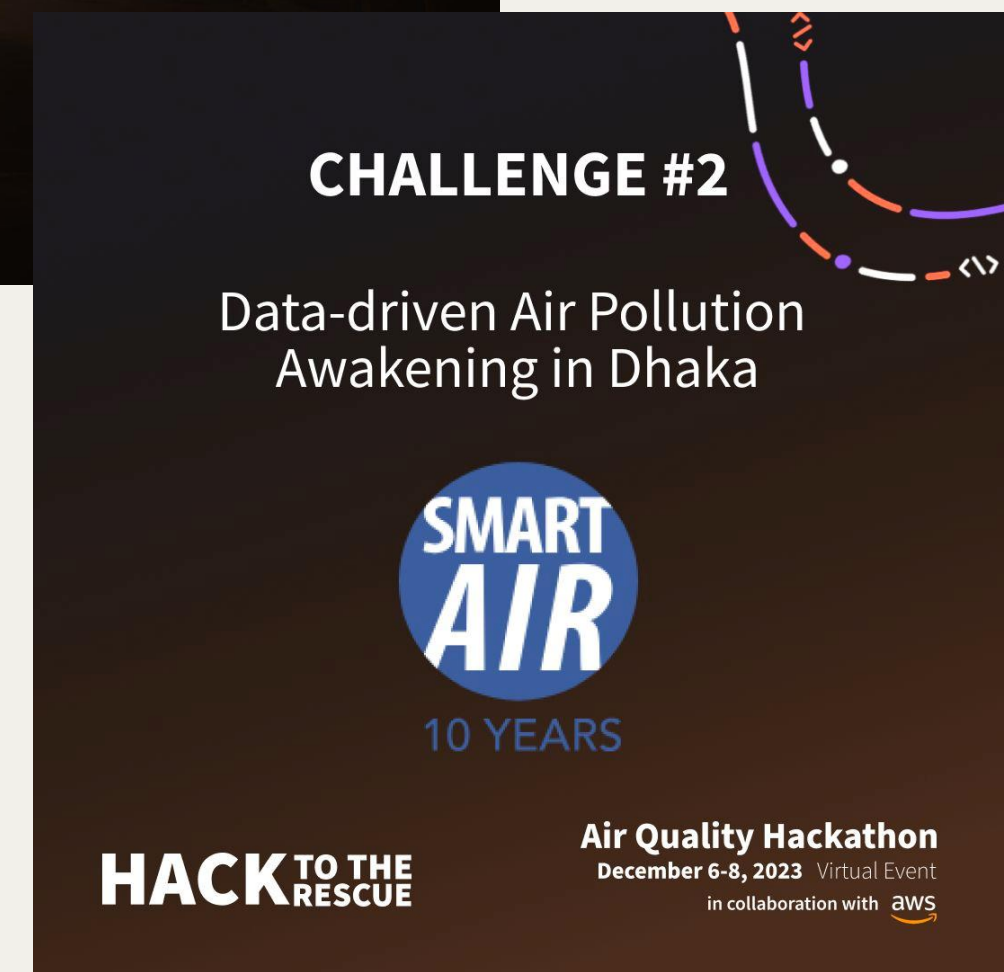
To boost the impact, we will be publishing an open access report to promote these solutions worldwide.

Air Quality Challenges will be announced starting Nov 7th 2023.

Hack to the Rescue is a tech activation programme of Tech To The Rescue.



2 Examples of Air Quality challenges from our Tech To The Rescue nonprofits.



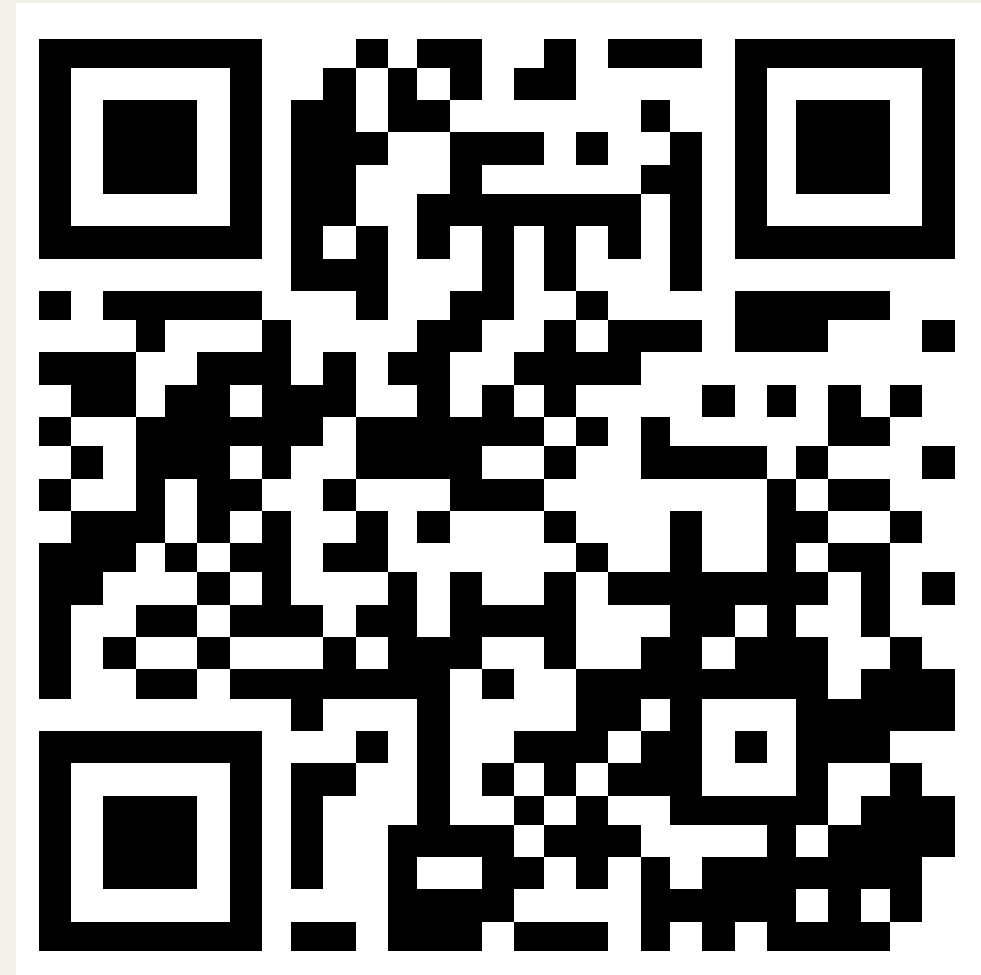
HACK TO THE RESCUE

Submit a project

If you're a registered non-profit, charity or non-governmental organization, you can request support via Tech To The Rescue.

Start by registering here:

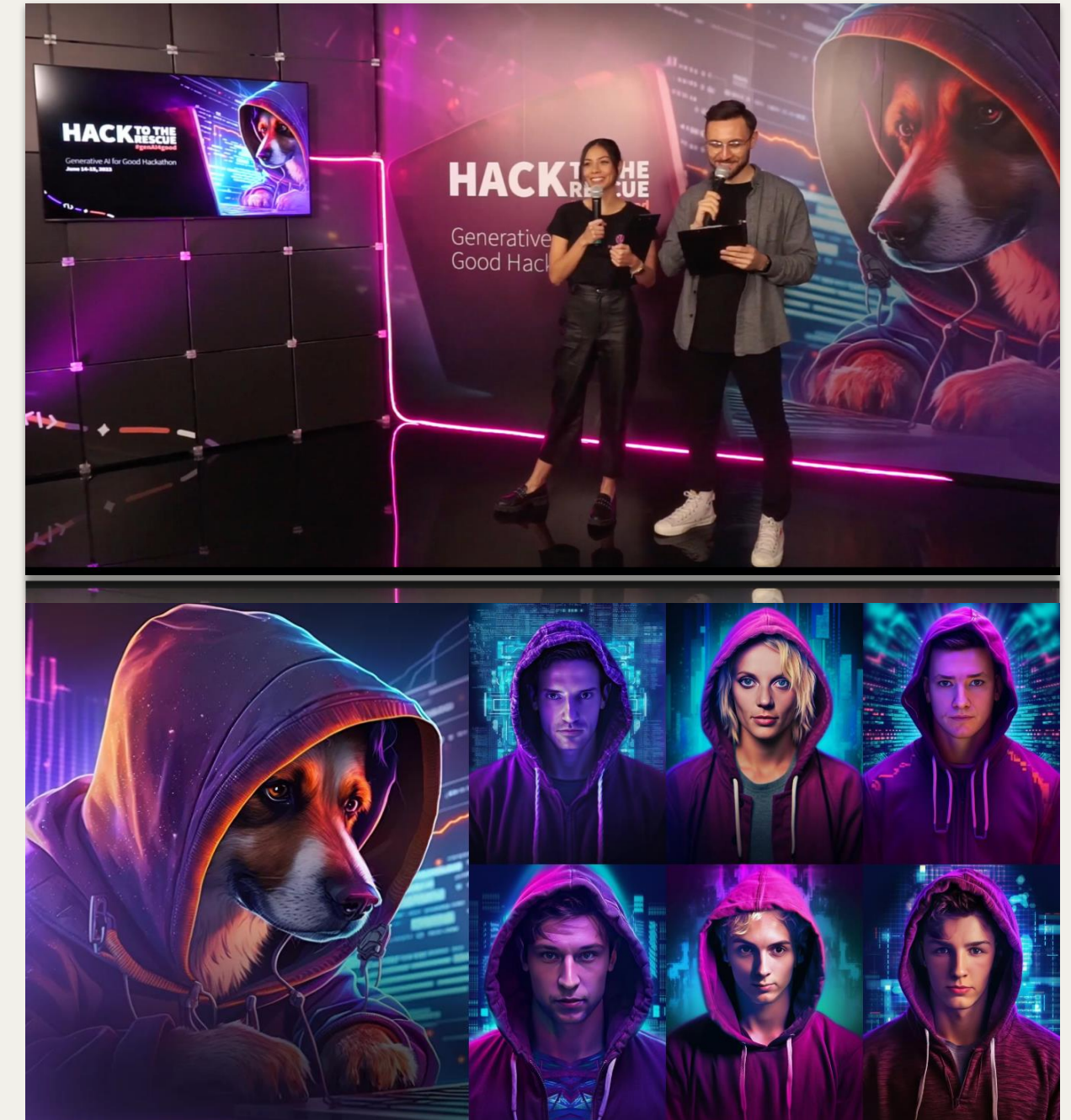
<https://www.techtotherescue.org/ngo#join>



HACK TO THE RESCUE

Working in teams, Air Quality Hackathon participants will benefit from:

- A dedicated **AI workshop** on the new **Amazon Bedrock** and **AWS Credits** to build their solutions
- Access to top industry **speakers and mentors**, who will be working closely with the teams (interactive sessions, private mentorship, chat)
- Challenges to hack sourced from **leading nonprofits** working on tackling air pollution
- 40 hours of a **shared online space and tools** for collaboration, learning and software development - competing with other leading tech players



AI Hackathon, Hack the Rescue, June 2023 © Tech To The Rescue

HACK TO THE RESCUE

Sign up (a company)

Registrations close on Nov 30, 2023 at 23:59 CET

We do not accept individual registrations. Need help convincing your boss? Contact us :)

Start by registering your company here:

<https://hacktotherescue.org/>



Air Quality Hackathon

Dec 6-8th, 2023

Be a Mentor!

Provide mentorship and spark the innovation! Before the hackathon, you will be assigned to 1 Air Quality challenge. During the hacking days, you will share your knowledge and provide support to tech teams.

Participants can lean on your experience for advice, brainstorming, and expert opinions as they work towards their solution.

Benefits:

- Inspire the next generation of innovators
- Stay updated on industry trends and needs
- Expand your professional network

Be available and active during these event phases:

- **Wed, Dec 6th: 2:45pm - 5pm CET** - Intro & Mentor tech teams
- **Thu, Dec 7th: 9am - 5pm CET** - Mentor tech teams
- (optional) **Fri, Dec 8th** Hacking stops at 8am CET. You are invited to watch the winners' announcements at **4PM CET**

Be a Judge!

As a judge, you hold the key to recognizing innovation. During the hackathon, your task will be to identify the most promising solutions created by hackers.

Your expertise will drive change towards cleaner, healthier air through the selection of projects that will shape the future.

Benefits:

- Champion innovation in Air Quality
- Be a catalyst for transformative change
- Gain fresh insights and inspiration

Your presence is crucial on: Friday, Dec 8th

- **8AM- 12PM:** Within this timeframe, you will evaluate submitted solutions to your Air Quality challenge and shortlist the top three finalists (*asynchronously with other judges from your challenge*)
- **2PM - 3PM:** Attend finalist presentations and chose the best solutions from your Air Quality Challenge within a small group of 3 Judges.

Become an expert

- Be the subject matter expert on the submitted hackathon challenges and assist the NGOs and tech companies in the sustainable development of the projects.
- Benefit from exposure from top tier organizations and enhance your profile with subject matter expertise



AI Hackathon, Hack the Rescue, June 2023 © Tech To The Rescue

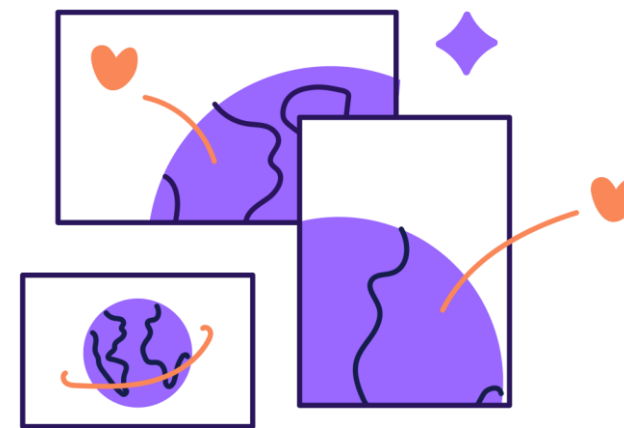
Accelerating a Global Tech For Good Movement Through 3 Interventions



Changemaker Empowerment

Growing global movement of Tech Companies to support thousands of Non-profits worldwide with technology implementation to help solve some of the world's most pressing problems faster

Members: **Netguru, Divante, Objectivity, 15 more**



Crisis Response

Partnership of global humanitarian relief Non-profits and leading Tech Companies to coordinate crisis response efforts and make more impact from every dollar invested

Members: **Google, Twilio, NGO Forum, Ashoka, others**



Systemic Change

Coordinating body of industry stakeholders to drive systemic change and make pro-bono tech for good engagement an industry standard

Members: **Alliance in the making**

**Join us on our mission
to use technology to
save the world.**



Elizabeth Kalnozola

Matching Manager

elizabeth.kalnozola@techtotherescue.org

+60182661098



**TECH TO
THE RESCUE**