

# WATER HACKATHON

26-27 March 2022

Sponsored by :  
**EPF TECH FUND**

[WWW.EMPIREPARTNERFOUNDATION.ORG](http://WWW.EMPIREPARTNERFOUNDATION.ORG)  
[EPFTECHHUB.ORG](http://EPFTECHHUB.ORG)

## WINNERS

Busiswa Mwelase (Team leader)  
Ipeleng Lekalakala  
Siyanda Kunene  
Nonkululeko Shongwe

Tevin Hlebela  
Nkatego Rosemana  
Prince Moche  
Alina Mokhathi



# Empire Partner Foundation

- Hybrid Youth Hackathon creates innovative technological solutions to improve the quality of Water.
- From the 26th - 27th March, as part of solving socio-economic challenges affecting the public, 116 participants from around the country developed solutions to detect, assess and monitor water quality for human consumption.
- The Hybrid Youth Hackathon was organised by the tech NPO, Empire Partner Foundation at 35 Ferguson Road, Sandton, Illovo and virtually on Discord Digital Platform.
- Inclusive of 116 participants, there were 91 programmers (38 female and 53 male) as well as 25 other students from Marketing, Business and Finance.
- The teams were supported by mentors from EPF Incubation Hub with a range of expertise from The South African Water Chamber, Rand Water, Water Institute of Southern Africa (WISA) – Gauteng and BMF- Vaal.

## FAST FACTS

- 16 HOSTED HACKATHONS
- 8 UPCOMING HACKATHONS IN 2022
- 900+ TOTAL DIGITAL INNOVATORS
- ITWEB NEWS COVERAGE
- 131 SOLUTIONS DEVELOPED
- 17 NEW PARTNERSHIPS SECURED
- 47 KEYNOTE SPEECHES
- 16 INTERN OPPORTUNITIES CREATED
- 10 BURSARIES PROVIDED
- 16 WINNING TEAMS WITHIN OUR INCUBATION HUB



- “The teams participating in the Water Hackathon were very driven to achieve their visions. The results were impressive and provided an excellent example of what can be achieved when like-minded youth with the right mix of skills come together and work hard towards a common goal,” said Tshidi Bodibe, Head of Empire Partner Foundation, after the event.
- **The winning team**, Hydro-Dynamics was awarded R8000 cash prize and will be enrolled into EPF Incubation Hub, where they will get support to become Tech Entrepreneurs. Their solution is an application that will assess water quality, detection of burst pipes, monitor water usage and have a marketplace, where it will issue Reports to municipalities for burst pipes.
- “Perseverance and hard work really breed positive rewards. As a team we very happy that finally we’ve won such a prestigious award. The team is really satisfied and happy with winning this competitive hackathon. As the group leader I am more than happy for my team’s achievement”, said Busiswa Mwelase.
- **Second Place**, Mind optimizer awarded R5000. The solution is a dashboard and an IoT device for monitoring leakages, consisting of tutorials to fix urgent leakages from the basic fix to advanced, the site will also allow local plumbers to register their services and get platform verified.
- **Third Place**, AquaTech M awarded R3000. The solution is a PH sensors that are going to communicate with the website. The sensor detects leakages and sends them to the website which will also be used by the municipality that heads the specific community so they can be notified and go fix it.
- **Eight more monthly hybrid hackathons to be hosted in 2022 by Empire Partner Foundation. Next Hybrid Hackathon Theme is Energy on the 23rd to 24th April 2022.**



# EPF TECH HUB



EMPIRE PARTNER FOUNDATION

## Special thanks to:

- EPF Tech Fund for sponsoring the Hackathon.
- ITWeb for covering our Hackathon story.
- The South African Water Chamber.
- Rand Water.
- Water Institute of Southern Africa (WISA) – Gauteng.
- BMF- Vaal.

## PROUD SUPPORTERS



2022/04/05