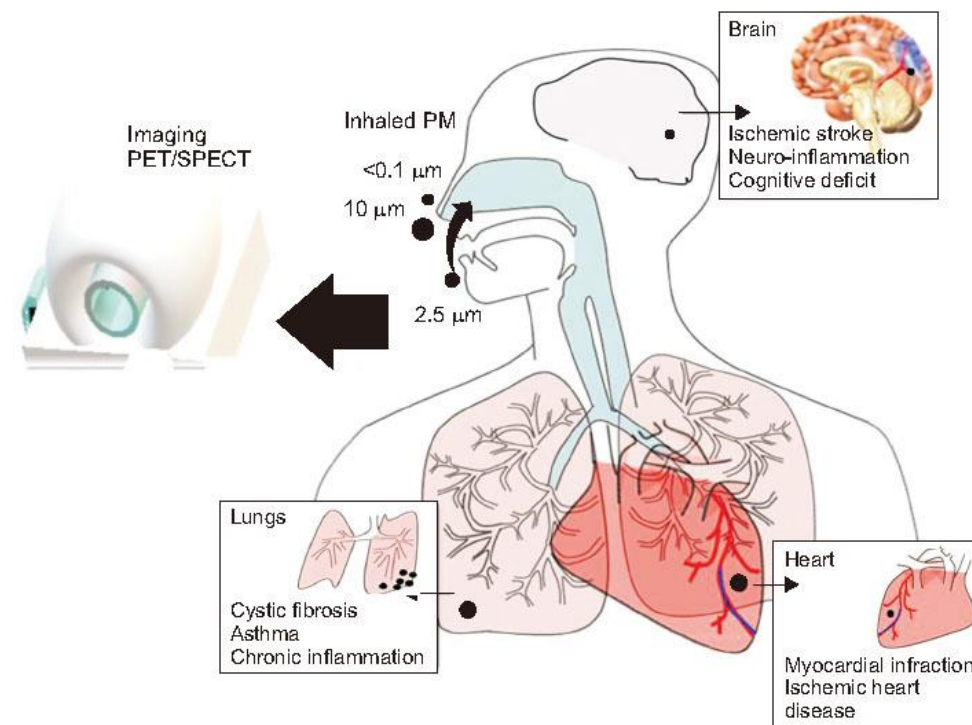
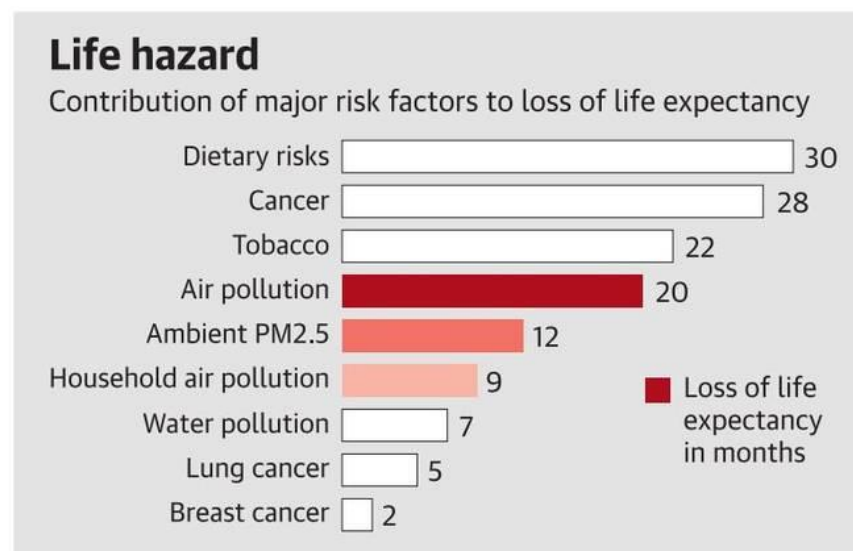
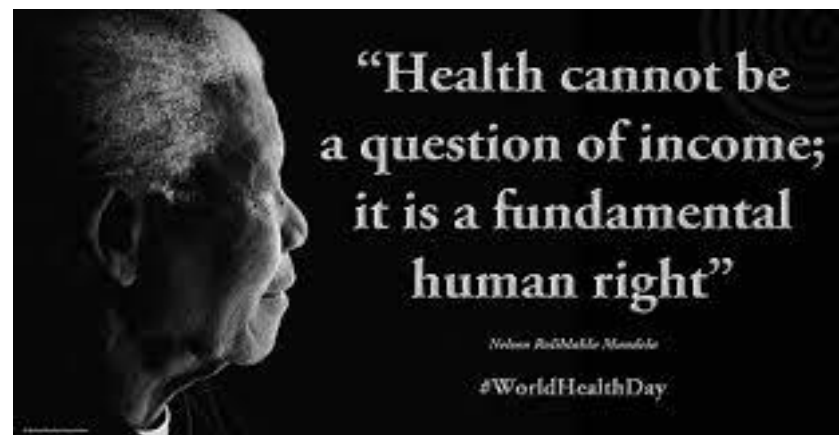


**SA EARTH**  
OBSERVATION  
CHALLENGE

# Integr8ion Technologies

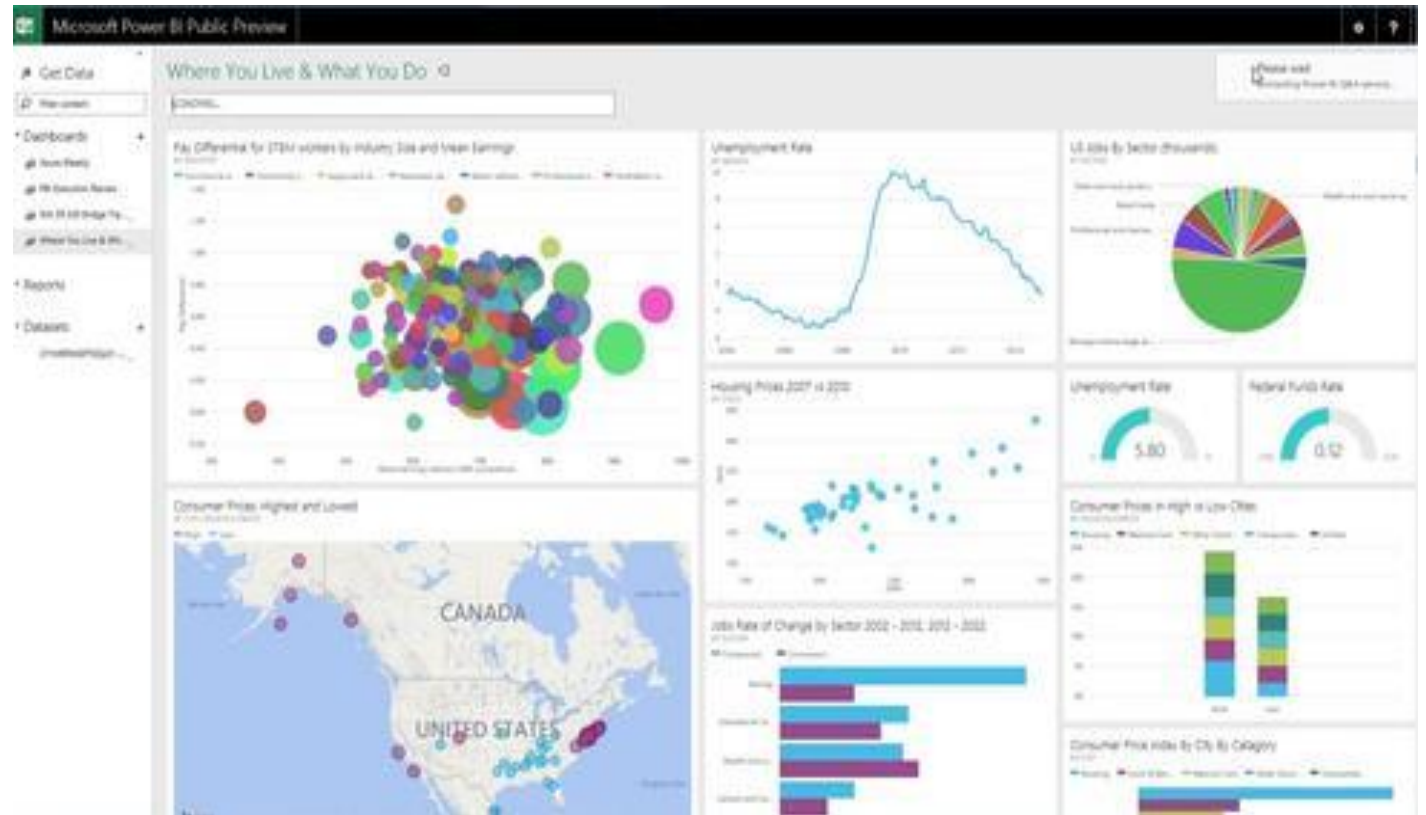
14 November 2019

# PROBLEM



# SOLUTION

- View of global and local conditions
- Computations Fluid Dynamics
- Automated dataflow
- Intelligent risk analysis
- S-a-a-S



# TOTAL ADDRESSABLE MARKET

- Healthcare
- Environmental services
- Energy and mining
- Disaster risk detection

Indian government spends **US\$ 4 B** GIS

## Global environmental monitoring

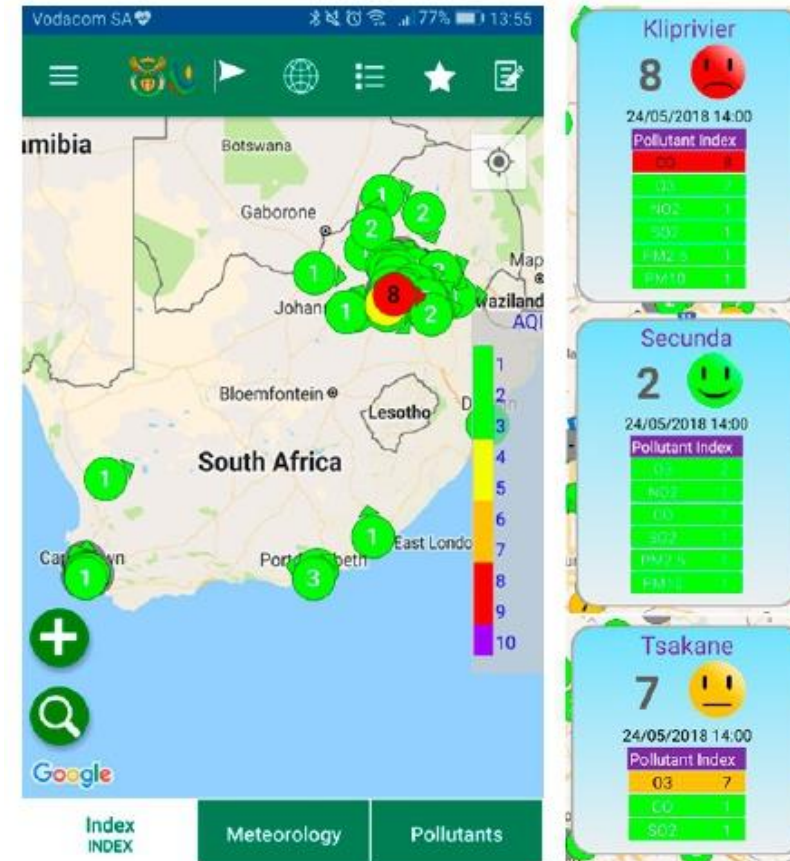
2018: US\$ 14.3 B ~ ZAR 213, 5 B



# OUR COMPETITORS AND ADVANTAGE

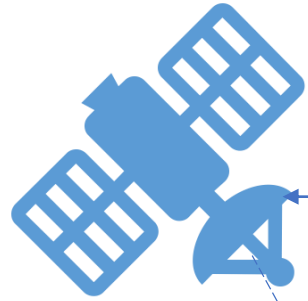
The South African Air Quality Information System (SAAQIS)

- Impact on health, mortality, environmental conservation
- Only government owned ground stations
- Correlation with independent sources
- Integration into enterprise environments

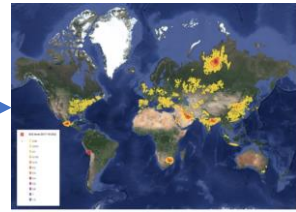


*Figure 2: Mobile device screenshot of SAAQIS application showing the state of air in South Africa as of 24 May 2018 at 13h55. Each monitoring station is represented by a circle colour-coded to the AQI of that station for that hour (greyed circles are stations that are not online at that moment).*

# DATA FLOW



Satellite

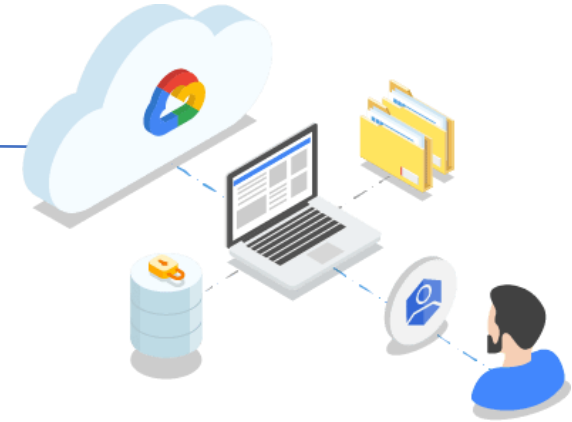


Global Pollution Maps

Integr8ion Data  
Operations Centre



Web Dashboard

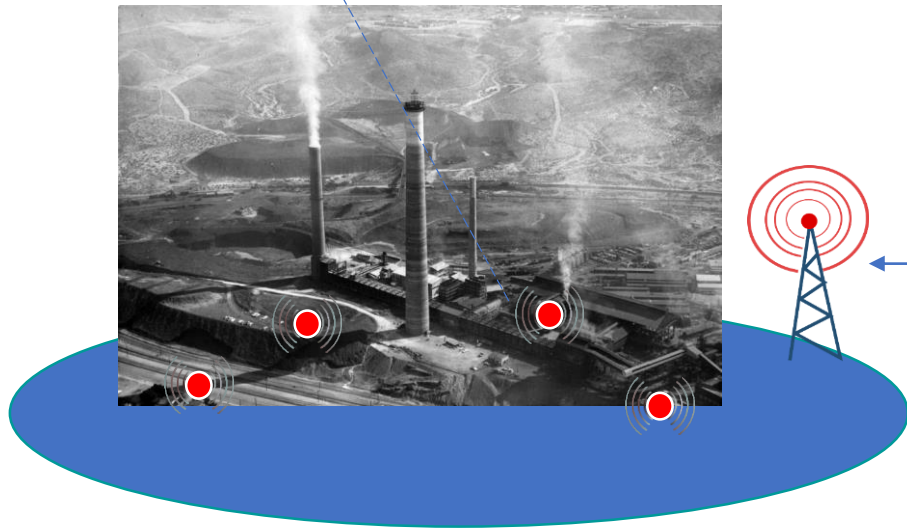


## User subscriptions

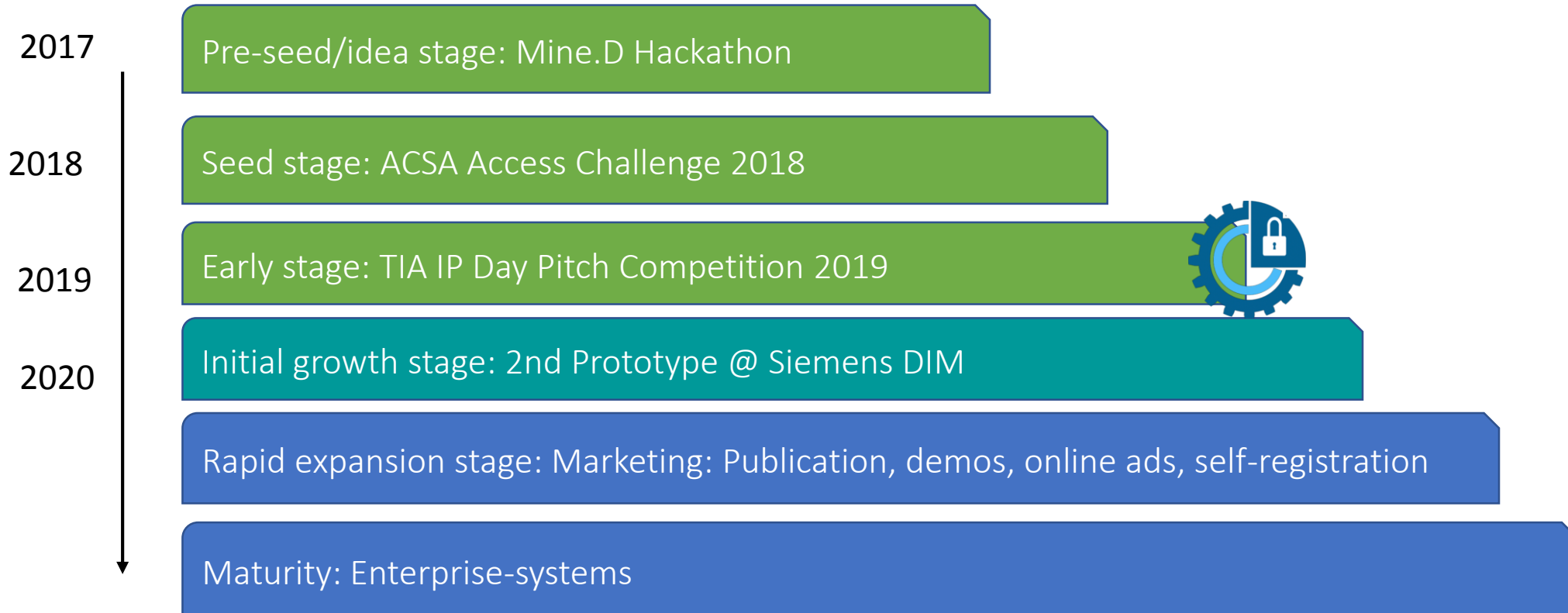
Environmental services  
Environmental  
Health

## Driving Trends

Increasing health awareness  
Stringent regulations  
Declining price of wireless connectivity



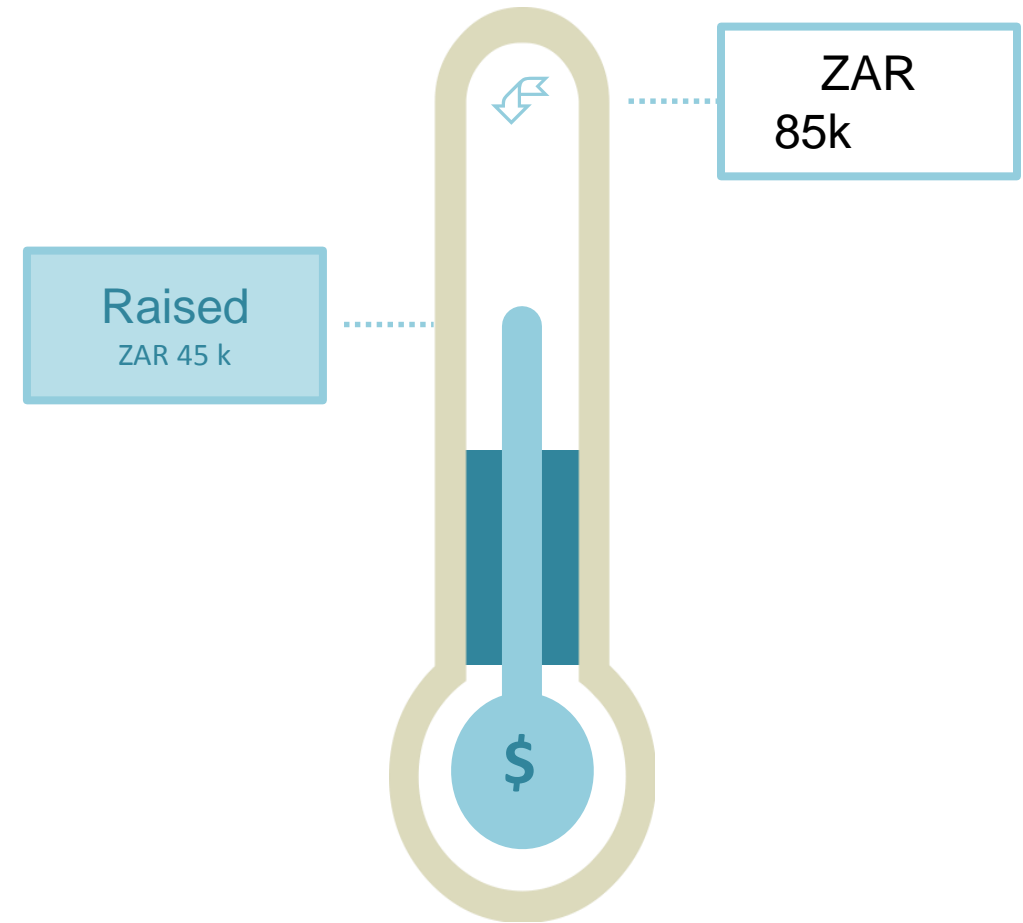
# Company Growth And Investment Stage



# FUNDING NEEDS

## Financial Projections 2017 - 2020

2017		Mine.D
2018	150	Access Challenge
2019	45	Partnership investment
2020	-100	SAEO
	85	





# OUR TEAM

## **MP Mathwana**

MSc Mining Engineering –Mine Ventilation

Applied research, software and project Management

3 years tech start-up experience

## **P.A Maluleke**

19 + years in mining instrumentation

Electronic sensor specialist

Hardware installations

10 years business experience



# CONTACT INFO

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(+27) 83 207-0388

# Supported By

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**MINERALS COUNCIL**  
SOUTH AFRICA

