Clean Air
Platform
BENGALURU

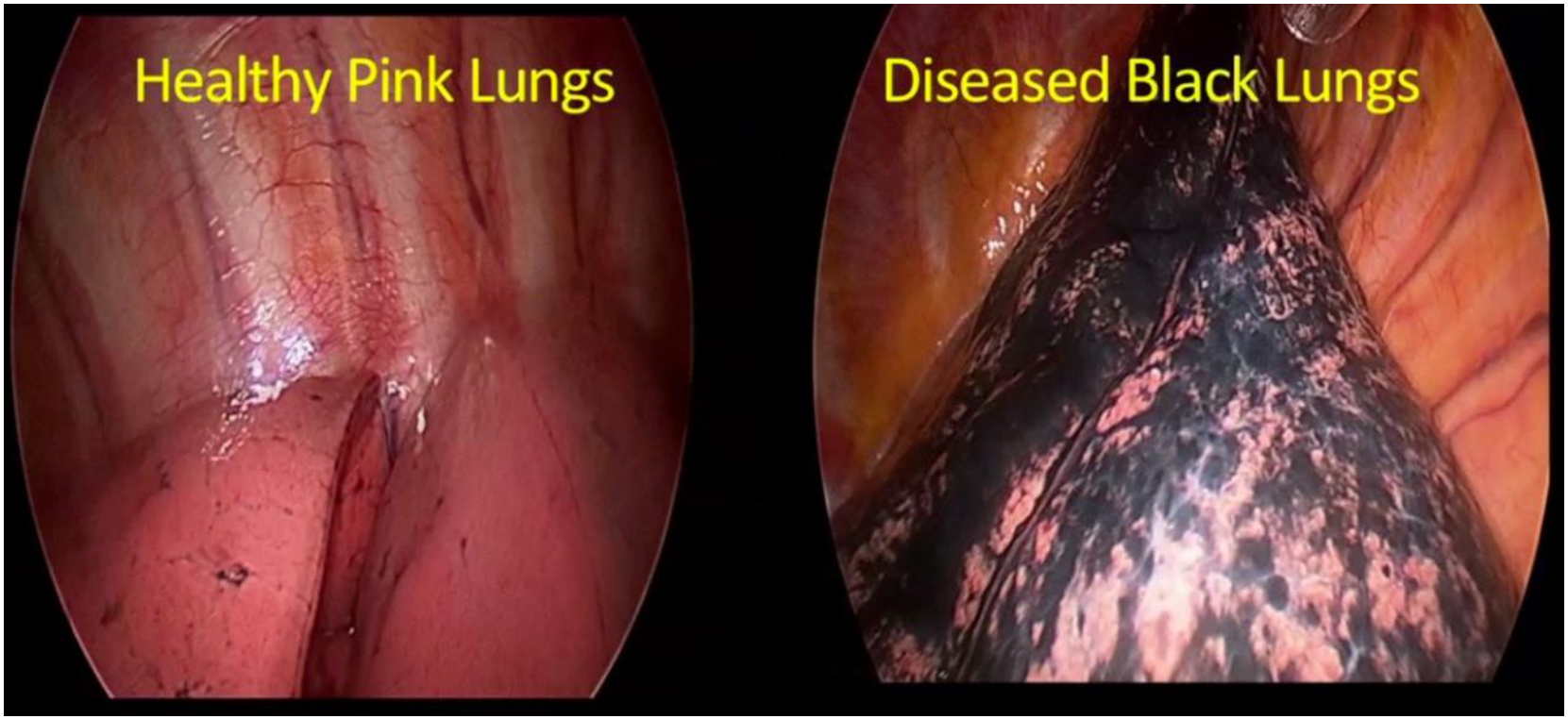
Bengaluru’s ‘blue sky’ problem

New mask

One week of exposure

Two weeks of exposure

Toxins deposited in our lungs cannot be cleaned



Source: Lung Care Foundation

Why is air pollution hard to fight in Bengaluru?

Insufficient air quality data

The city does not have required number of monitors to give us the real picture on air quality.

Lack of understanding of sources of pollution

With no emission database, we don't know the sources which contribute the most.

Insufficient low-cost sensor ecosystem

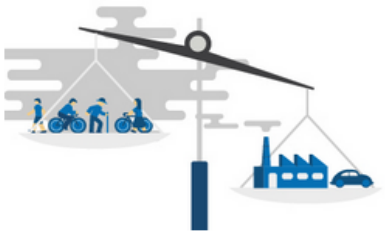
Low cost sensors are not accepted by regulators, while there is no independent evaluation of sensors.

Policy & administrative challenges

Policy makers lack the evidence and capacity to tackle air pollution through a multi stakeholder approach.

Limited citizen involvement

With not enough information on exposure and health impacts, the public perceives ambient air to be good.

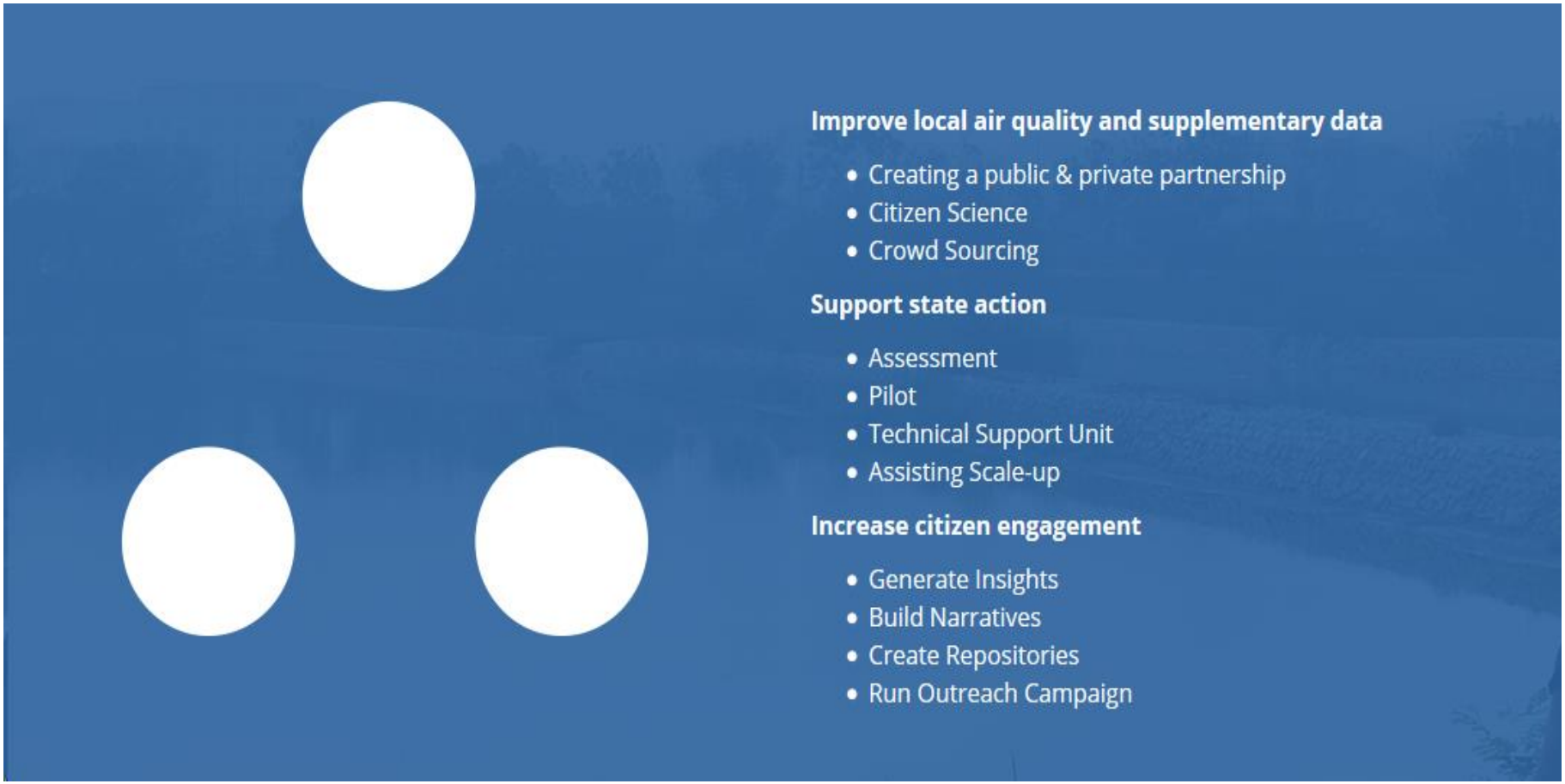


Skewed impact

Those affected worst contribute the least and are underrepresented in decision making.

Clean Air Platform

Building a public narrative that personalises air pollution and creates the momentum for informed actions.



Anchor Patrons

Dr. Kiran Mazumdar-Shaw

Biocon Foundation

Azim Premji Philanthropic Initiatives

Wipro Foundation

Mobile Monitoring: Creating hyper local AQ maps

- **Identify pollution hotspots by mapping pollutant concentration along routes across Bengaluru that can help generate a street wise air quality map**
- **A vehicle fit with a high grade air quality monitor to travel across the city measuring exposure**
- **Focus on 4 target pollutants - $PM_{2.5}$, PM_{10}, NOx and Black Carbon (BC) keeping in mind their exaggerated impact on public health**
- http://cleanairplatform.org/mobile-monitoring/

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