Bengaluru’s ‘blue sky’ problem
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.

**Improve local air quality and supplementary data**
- Creating a public & private partnership
- Citizen Science
- Crowd Sourcing

**Support state action**
- Assessment
- Pilot
- Technical Support Unit
- Assisting Scale-up

**Increase citizen engagement**
- Generate Insights
- Build Narratives
- Create Repositories
- Run Outreach Campaign
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