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Project Objectives using Citizen Science

- 1. Public engagement
 - 1. Air Quality
 - 2. Finding alternatives
- 2. Increase trust in science
- 3. Identify major pollutant sources

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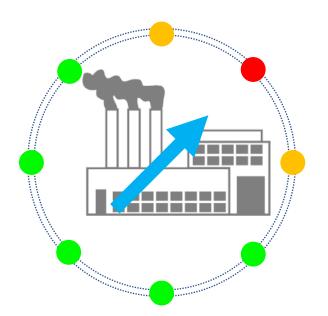
The Plan

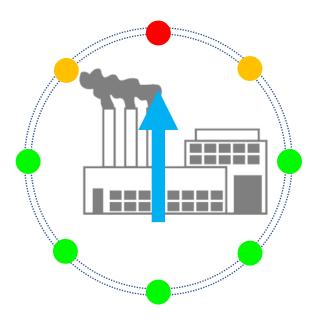
- 1. Develop an affordable open-source monitor
- 2. Engage the community
 - Fixed sensors (balcony, school, gardens)
 - School Campaign
 - Walking and cycling events
- 3. Analyse and disseminate to engaged audience
- 4. Measure impact

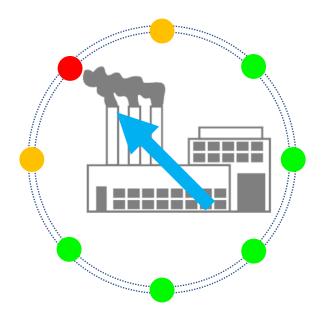




Method to identify source



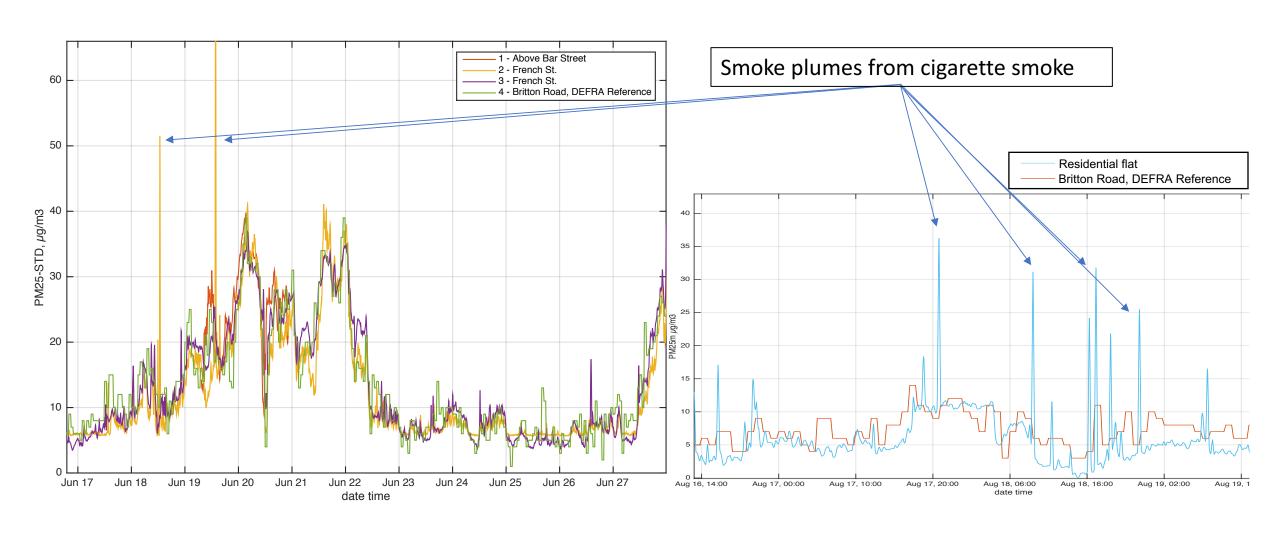




Sensor unaffected by source Sensor partly affected by source Sensor very affected by source Wind direction



Data analysis - Complexities



Questions / call to action

- We're looking for collaboration and funding opportunities please contact us for more information.
- We also need volunteers in PR, visual studies, health sciences, engineering and marketing to help develop our project. These make great student projects and internships. Please encourage your students to contact us.
- Many thanks

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openNMS