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Low-Cost Sensors for Healthier Indoor Air Quality in Impacted Communities

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White Paper: Low-Cost Sensors for Healthier Indoor Air Quality in Impacted Communities

- Impacted communities are facing more challenges in achieving healthier IAQ.
- Readings from indoor low-cost sensors (LCS) could inform people about their indoor environment and motivate actions to reduce indoor air pollution.
- Use of LCS in impacted communities for indoor air quality is still limited, partially due to lack of access to resources such as funding, guidance, and technical support.

White Paper: Low-Cost Sensors for Healthier Indoor Air Quality in Impacted Communities

- Develop a white paper and guidance document to facilitate the use of LCS for monitoring IAQ in impacted communities
- Key tasks
  1. Conduct a market survey and comparative analysis of LCS for indoor applications
  2. Provide an overview of research efforts characterizing IAQ using LCS, including those performed in impacted communities
  3. Conduct stakeholder interviews with IAQ researchers, users of low-cost sensors, sensor manufacturers, and representatives from impacted communities
- Project Period: 4/1/2023 - 3/31/2024