

A DISCUSSION ON IDEAS FOR EPA'S COMMUNITY MONITORING GRANT OPPORTUNITY

With CLHO-EH
Feb 03, 2022

Enhanced Air Quality Monitoring in Communities Grant

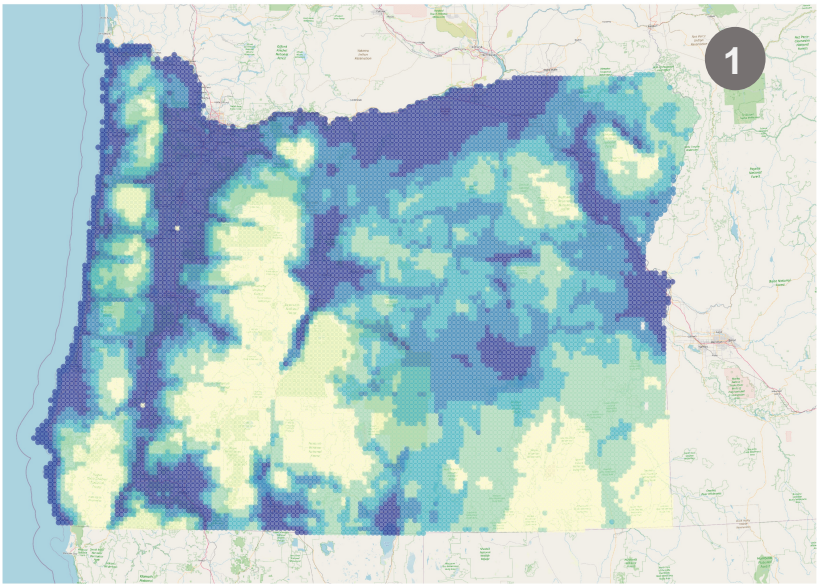
- Applications due Mar. 25, 2022
- \$20 million of total awards
- EPA expects to fund 50-70 grant proposal

EPA's objective is to enable communities to monitor their own air quality and to promote monitoring partnerships that:

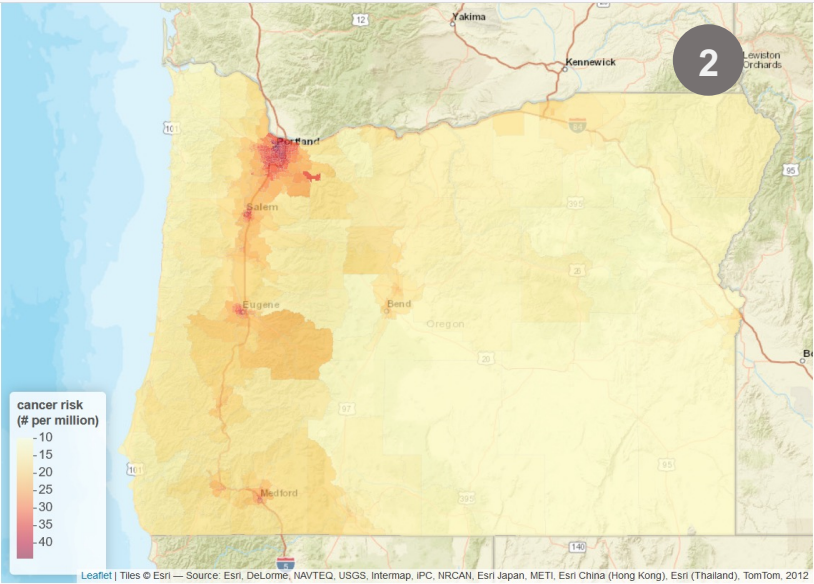
- Leverage existing air quality monitoring expertise;
- Give the community a voice in the monitoring their air quality; and
- Build a foundation of trusting relationships to develop sustainable solutions to community air pollution problems.

DEQ is planning to submit two grant proposals that:

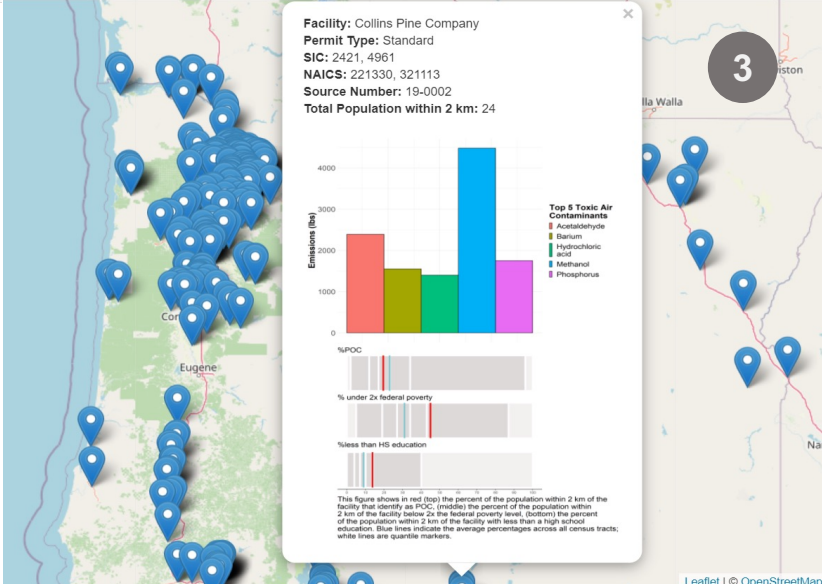
- leverage DEQ's air quality monitoring expertise;
- develop a process that gives the community a voice in the monitoring of their air quality,
- within the framework of trusting relationships between communities, advocacy groups, local and state agencies to develop sustainable solutions to community air pollution problems.



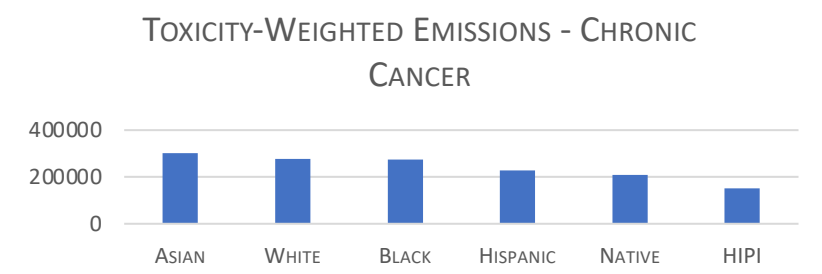
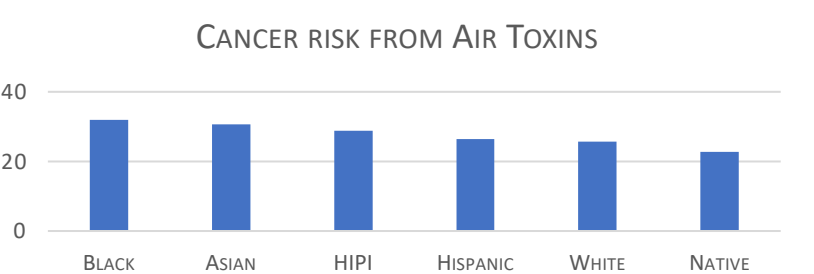
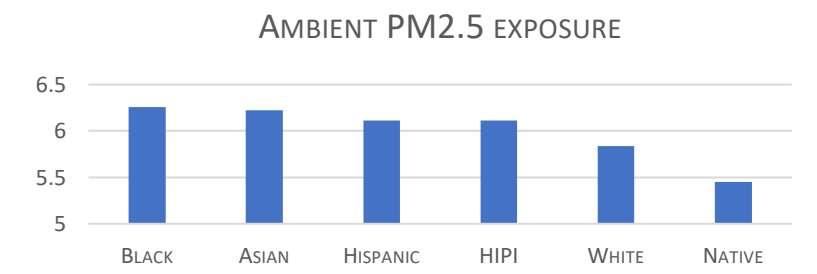
PM2.5: ~2000 premature deaths (Bowe et al, 2019)



Air toxics: cumulative cancer risk ~23/million (NATA 2014)



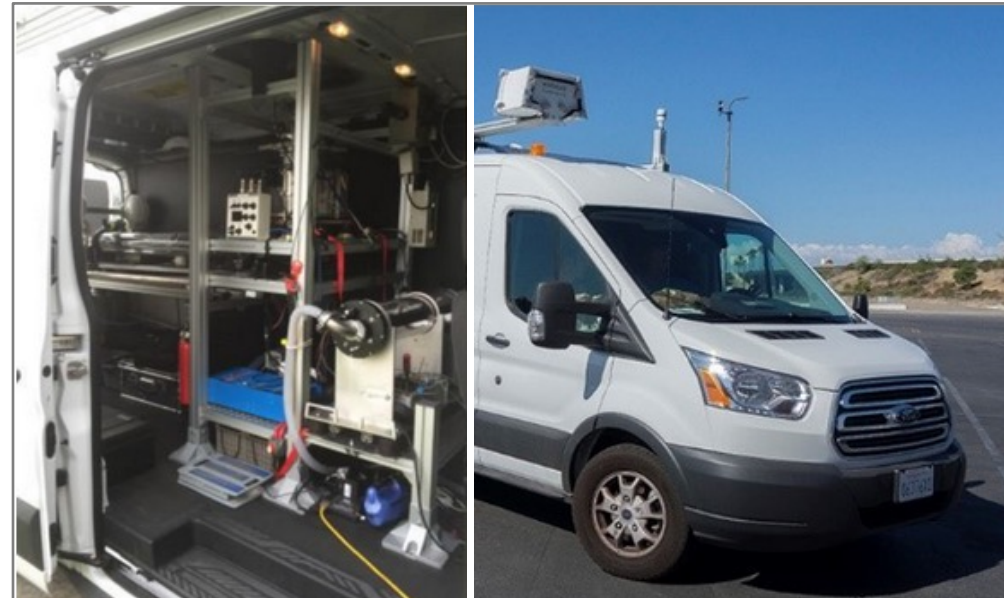
Air toxics emissions: acute risk, noxious odors



Images: SCAQMD website

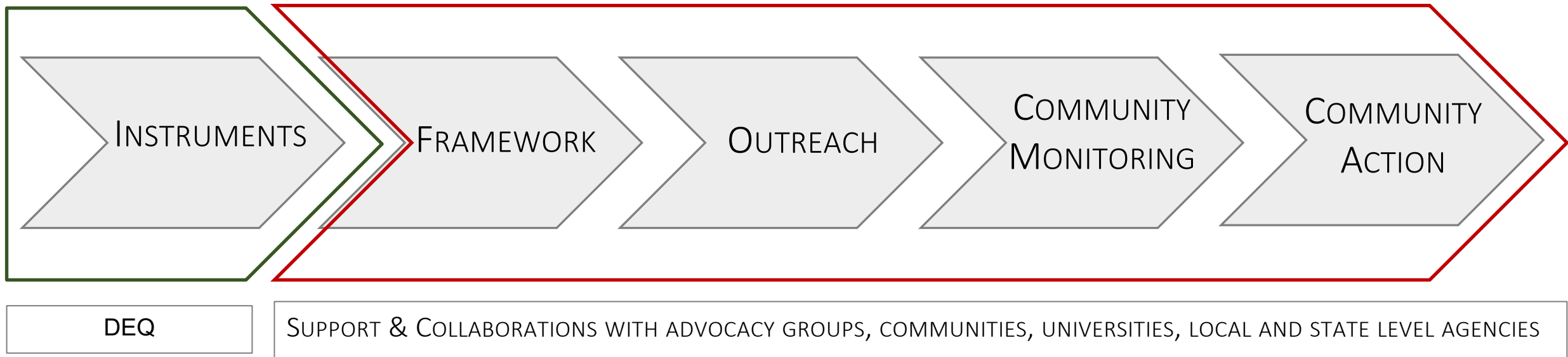


LENDING LIBRARY OF LOW-COST SENSORS



MOVEABLE MONITORING PLATFORM

Community Monitoring Collaboration



Requesting letters of support from interested partners by 4th March

Thank you!

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Community Monitoring Collaboration



2022

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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25 Mar - deadline

Aug - awards

Oct - funds

2023

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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Instrumentation + Framework + Outreach

2024

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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Community Monitoring in 2 communities

2025

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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Community Action + lessons learned