

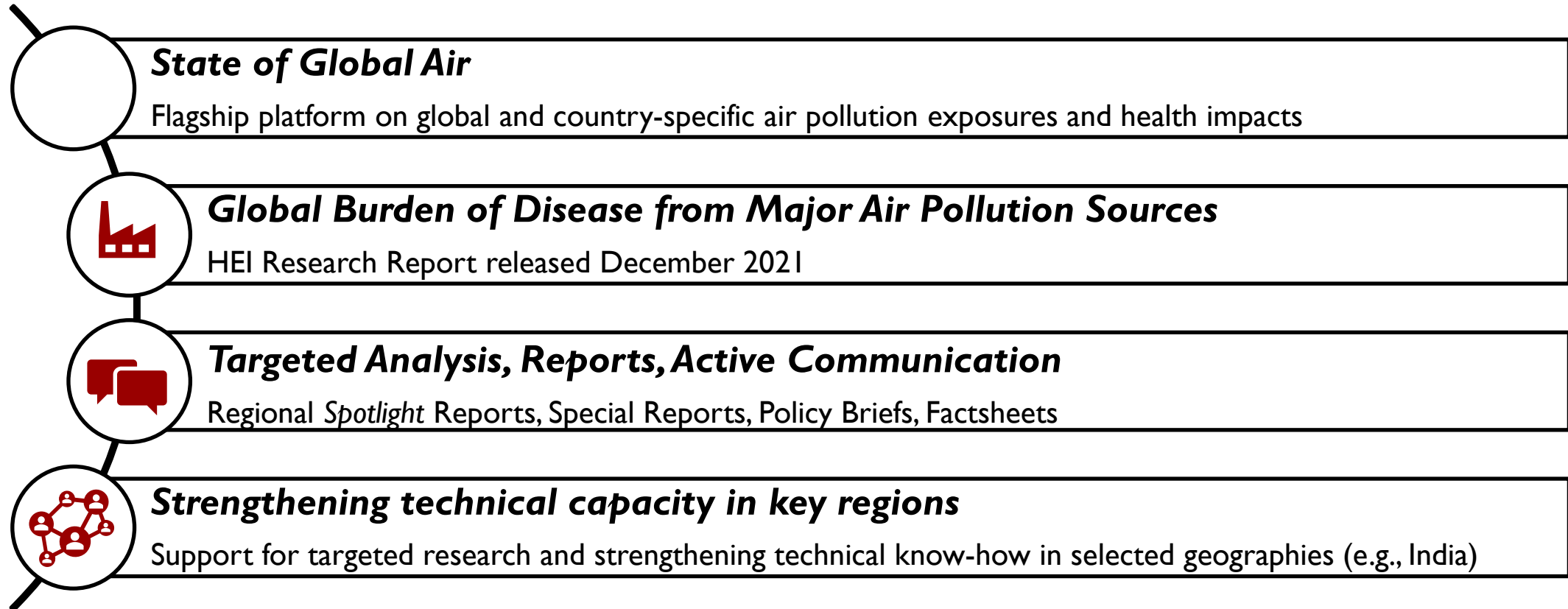
Update on HEI Global Health Program

HEI Annual Conference 2022 | June 26-28, 2022

Pallavi Pant, PhD
Senior Scientist

HEI Global Platform

Supported by: Clean Air Fund, UN Environment, Children's Investment Fund Foundation

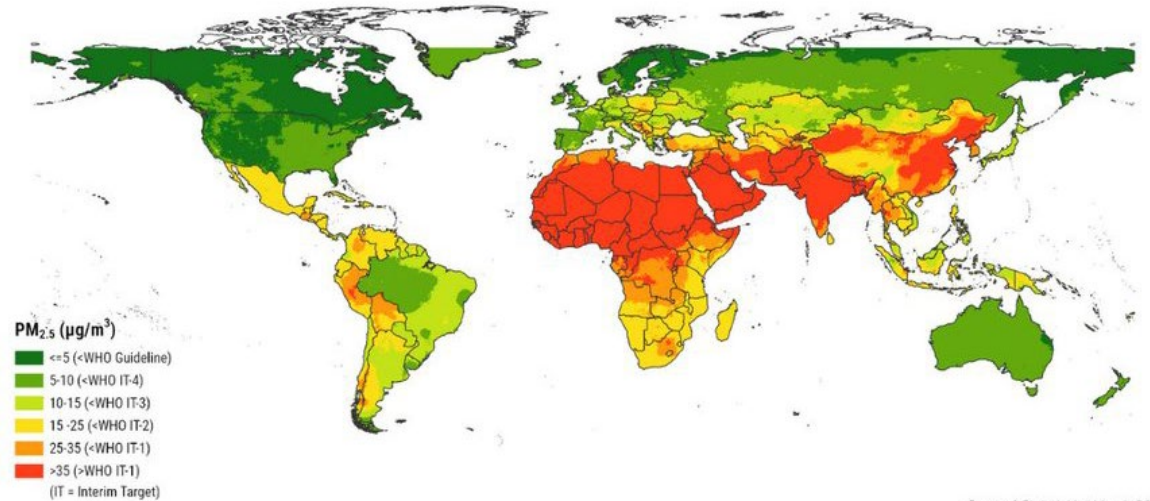


State of Global Air

Ongoing partnership with IHME on the Global Burden of Disease (GBD) Study

Reports and interactive website with information on:

- Levels and impacts of air quality by country, regional comparisons
- **Upcoming in 2022**
 - *Report on air quality and health in cities*
 - *Spotlight report for Africa*
 - *Long-term NO₂ exposures and impacts on children's health*



State of Global Air | March 2022

Polluted air killing half a million babies a year across globe

State of Global Air report says indoor air quality causing two-thirds of the deaths and affecting health in the womb

DELHI NEWS

Indians losing 1.51 years of life on average to pollution: Health Effects Institute study

Major Air Pollution Sources and the Associated Health Burden

Study led by **Erin McDuffie and colleagues**; published in December 2021

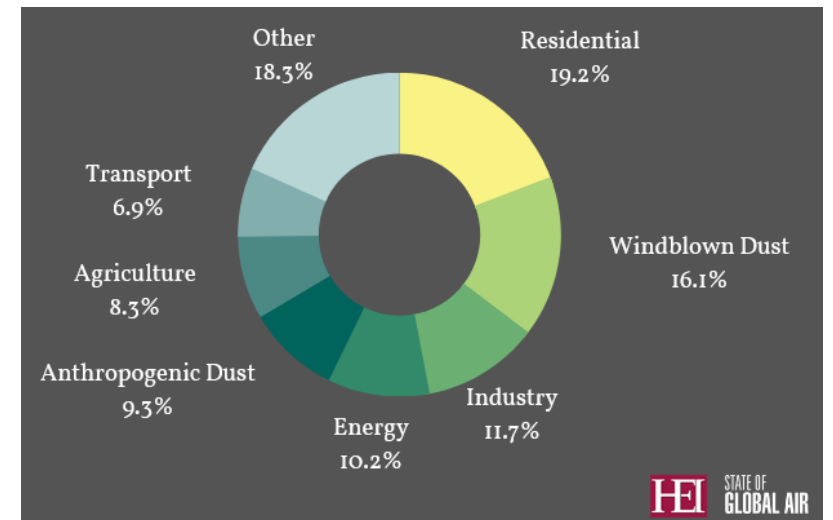
Goals

Identify major sources,

Inform air quality management,

Provide a baseline against which to measure future progress

Approach: Use of latest emissions inventories categorized by sector and fuel, satellite data and air quality modeling, and most recent estimates of relationships between air quality and health.



HEI Global Platform

Regional Deployment

Southeast Europe



Synthesize **relevant local health evidence in the context of global knowledge**, identify key knowledge gaps

Strategically communicate **data & evidence on air pollution and health** to inform and drive clean air action.

Completed

*Reports on Air Quality and Health in Southeast Europe, Bulgaria
Hybrid workshop in Plovdiv, Bulgaria; other workshops and webinars
Interactive literature database*

Upcoming

*Report for Serbia - July 2022
ISEE 2022 Early Morning Session*

India



Collaborative for Air Pollution and Health Effects Research-India

Research network in India, in partnership with All India Institute of Medical Sciences, Delhi and Indian Institute of Technology-Delhi

Targeted trainings, webinars and meeting

Research studies focused on health effects of air pollution in India

Completed

*Virtual workshop on air pollution & health in India- October 2021
Hands-on workshop on epidemiological study designs – May 2022
Interactive literature database*

Upcoming

*Research studies
Policy briefs
ISEE 2022 Symposium*