The Problem

Pollution is the single largest cause of death in the developing world.
This Morning’s Panel

- Richard Fuller
  - President, Pure Earth

- Philip Landrigan, MD, M.Sc.
  - Professor of Preventive Medicine Pediatrics and Dean for Global Health of the Icahn School of Medicine at Mount Sinai.

- Karen Mathiasen
  - Senior Advisor of the Office of the U.S. Executive Director of World Bank Group
Pollution Deaths vs. Other Major Causes

Source: WHO and GAHP databases
*1 ALRI: Acute lower respiratory disease
*2 COPD: Chronic obstructive pulmonary disease
*3 IHD: Ischemic heart disease
Pollution is…

Contaminated soil, water and air causing death and disease right now.
Children Suffer The Most

- Brain Damage
- Birth Defects
- Asthma and Respiratory Disease
Lead: The World’s #1 Toxin

In their backyards, these villagers in Indonesia dig through lead slag piles from broken car batteries.
Mercury: Global Threat
Pollution Extracts a High Economic Toll...
Fighting Pollution Is Key To Achieving SDGs
Pure Earth’s Purpose And Vision

- To identify and clean up toxic pollution in disadvantaged communities in developing countries.
- To achieve a world where everyone, especially our kids, are healthy and safe from pollution, in our lifetime.
Our Work To Date

Scope Of The Problem

TOXIC SITES IDENTIFIED in low and middle income countries.
3,241

THE POPULATION AFFECTED by these sites is over 54 million people.
54 MILLION PEOPLE

...of those 54 million 11 MILLION ARE CHILDREN.

Pregnant women and children are in greater danger from toxic exposure.
Kabwe, Zambia: Lead Case Study

Children Scavenging In Mountains Of Lead Mine Tailings
Pure Earth’s Strategy

- Partner with Kabwe City Council
- Assess blood lead levels
- City-wide soil sampling
- Pilot cleanup project in Chowa neighborhood
- Re-assess blood lead levels
Local Cleanup Teams
Leverage: $40 Million From World Bank
Mongolia: Mercury Case Study
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Campaign For 10 Million Lives (2016-2018)

- 35 Pilot Cleanup Projects
- Expand Research– Global Commission On Pollution, Health & Development
- Impact 10 Million People Including 3.2 Million Kids
Campaign For 10 Million Lives (2016-2018)

Raise $10.4 million in non-governmental sources

$1 Impacts 1 Life

…and leverages an additional $38.6 million in public grants
Questions?