

CLEARING THE AIR COMBATTING AIR POLLUTION

DIFFERENT TYPES OF AIR POLLUTION



Indoor (household) air pollution caused by cooking stoves, heating and lighting







More than **3 billion people** use solid fuels and **open fires** for cooking and heating



Outdoor (ambient) air pollution caused by emissions from power generation, transport, industrial furnaces, brick kilns, wildfires, agriculture, dust and sand storms



have vehicle emission standards



86% of countries practice **open burning** of agricultural and/or municipal **waste**

AIR POLLUTION: THE BIG KILLER

Each year 7-8 million people die prematurely because of poor air quality



4.3 million deaths are attributed to **indoor air pollution from cooking**: this is mostly in **low and middle-income countries**

81,000 in Americas

99,000 in Europe

in Eastern Mediterranean

200,000

in Africa

3.3 million in South East Asia and Western Pacific

2 million deaths every year caused by respiratory infections because of

19,000 in high-income countries



indoor air pollution; 800,000 of these are children below the age of five

200,000

3.7 million deaths attributed to outdoor air pollution

in Europe
236,000 deaths in
Eastern Mediterranean
176,000
in Africa





58,000 in

Americas

88% in low-middle

income countries

Ground level ozone impacts food

security by **reducing crop yields** by up to **50 million tons** each year

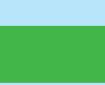
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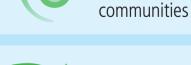


Financial cost of environmentally related health risks are in the range of 5%-10% of GDP, with air pollution taking the highest toll



WHAT CAN YOU DO?

Advocate for better air quality:



Use **cleaner-burning** fuels

Provide clean cooking and

heating stoves to rural



Prioritize the use of walking, cycling or rapid urban transit

over private vehicles

Don't **openly burn** waste



Switch to clean diesel and



Ensure industries use clean technologies



improved engines for transport and freight



Establish, adhere to and enforce

air quality standards



and efficiency **standards**

Switch from kerosene lamps to clean lighting technologies

like solar lights

Have stricter vehicle emissions



Invest in **renewable energy**



Stop emissions of **climate pollutants** such as black carbon, ozone and methane to save lives and help **reduce global warming** by **0.5C**

