

Household Air Pollution and Health

Dr Susan Mercado

Director

Division of NCDs and Health through the Life Course

WHO Western Pacific Region

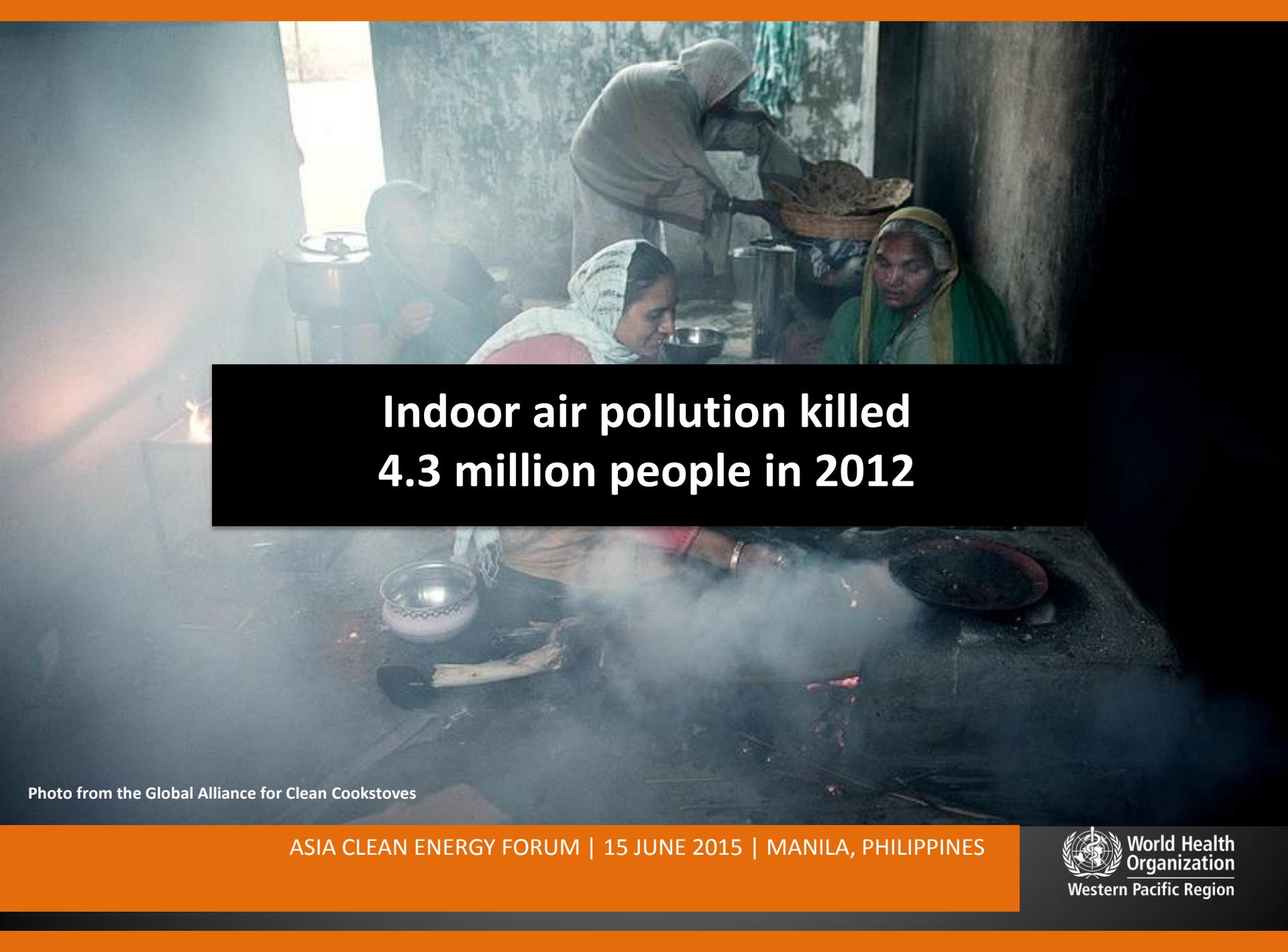
ASIA CLEAN ENERGY FORUM | 15 JUNE 2015 | MANILA, PHILIPPINES



**Air pollution is now the world's largest
single environmental health risk**

Photo by Bill Bishop for the Washington Post

ASIA CLEAN ENERGY FORUM | 15 JUNE 2015 | MANILA, PHILIPPINES



Indoor air pollution killed 4.3 million people in 2012

Photo from the Global Alliance for Clean Cookstoves

ASIA CLEAN ENERGY FORUM | 15 JUNE 2015 | MANILA, PHILIPPINES

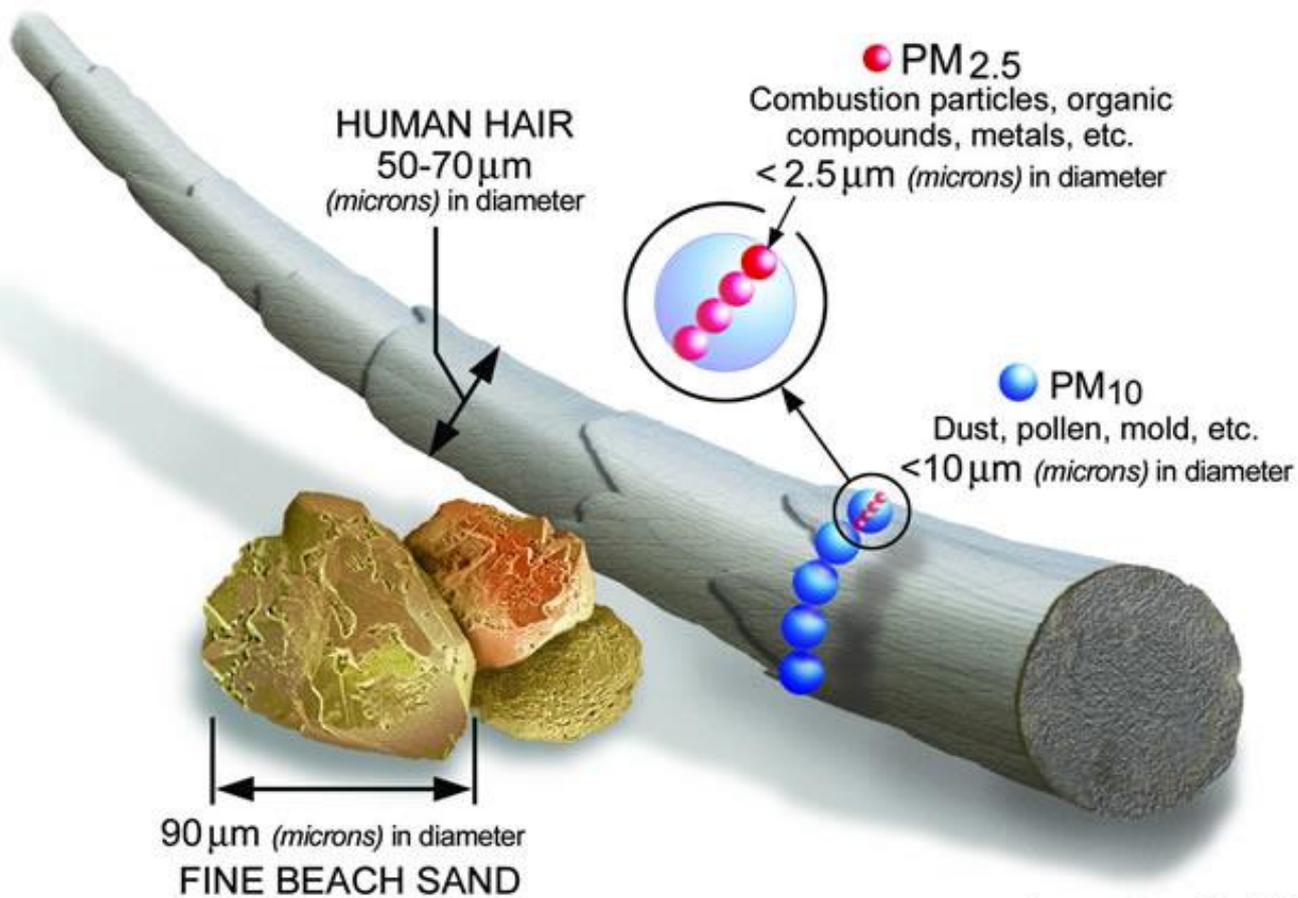
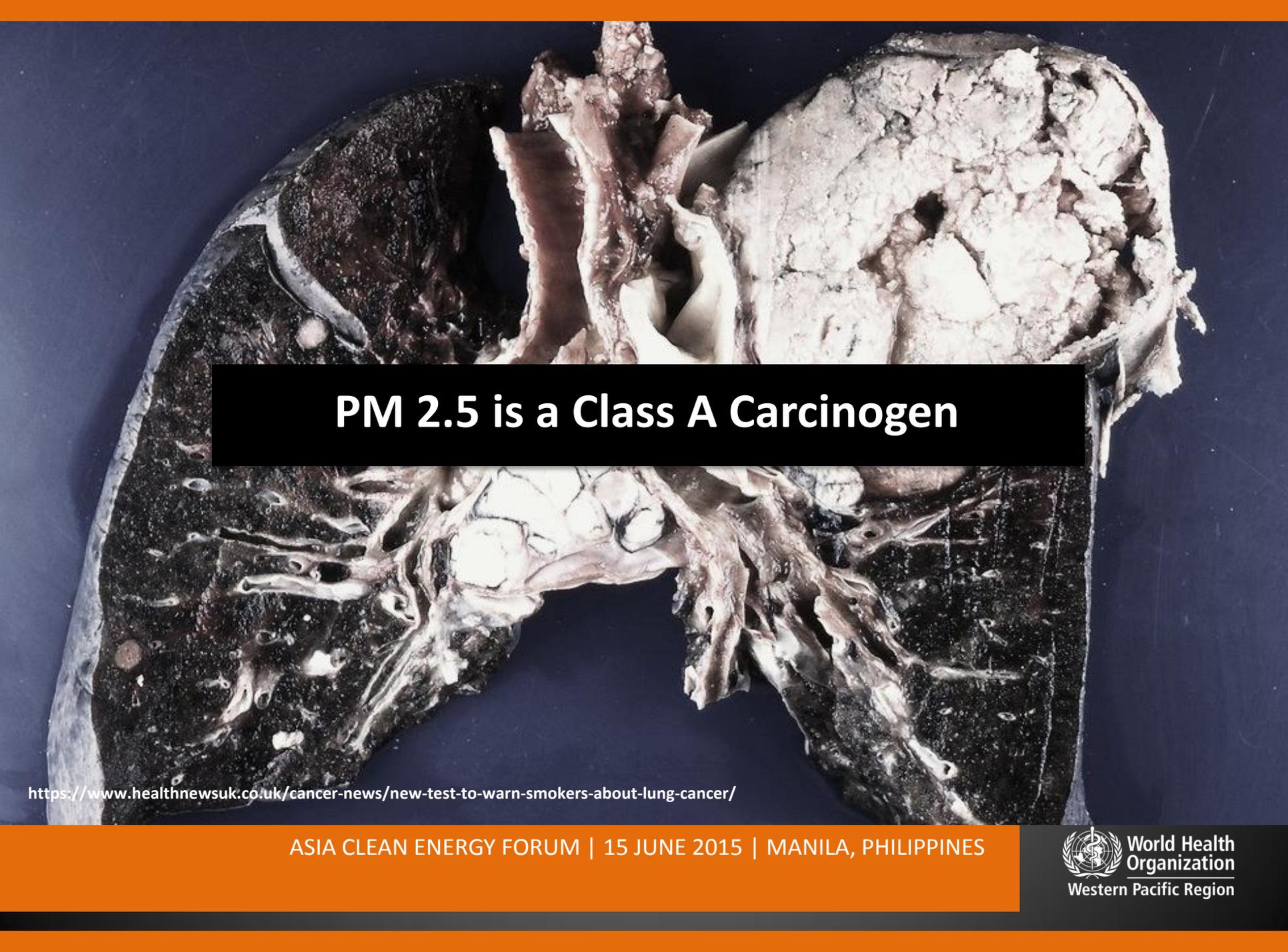


Image courtesy of the U.S. EPA



PM 2.5 is a Class A Carcinogen

<https://www.healthnewsuk.co.uk/cancer-news/new-test-to-warn-smokers-about-lung-cancer/>

ASIA CLEAN ENERGY FORUM | 15 JUNE 2015 | MANILA, PHILIPPINES

Normal bronchi



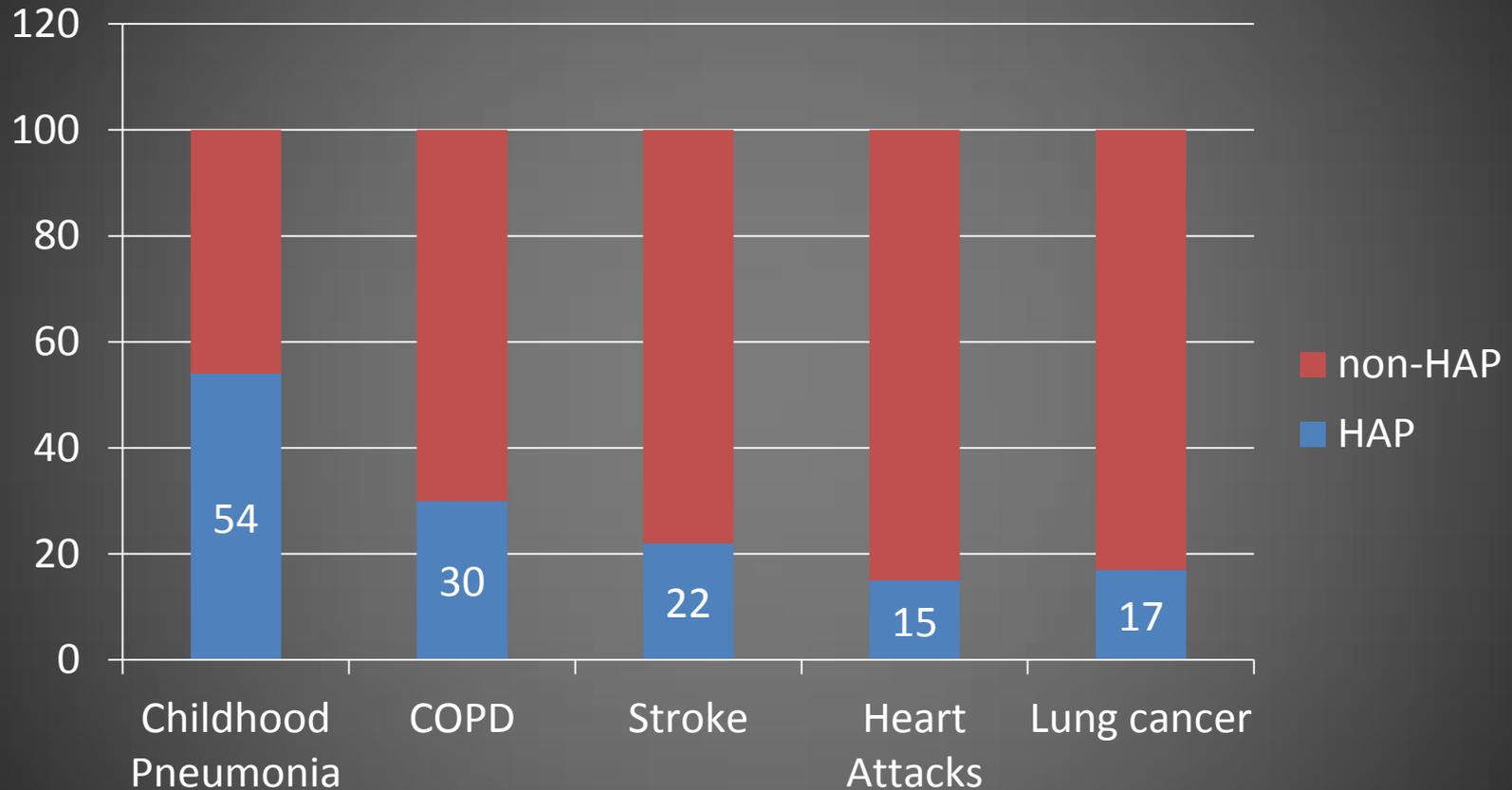
Bronchitis



ADAM.

http://lungcancer.ucla.edu/adm_lung_bronchitis.html

HOW HOUSEHOLD AIR POLLUTION (HAP) CONTRIBUTES TO MORTALITY



PM 2.5 = 800



Photo from the Associated Press

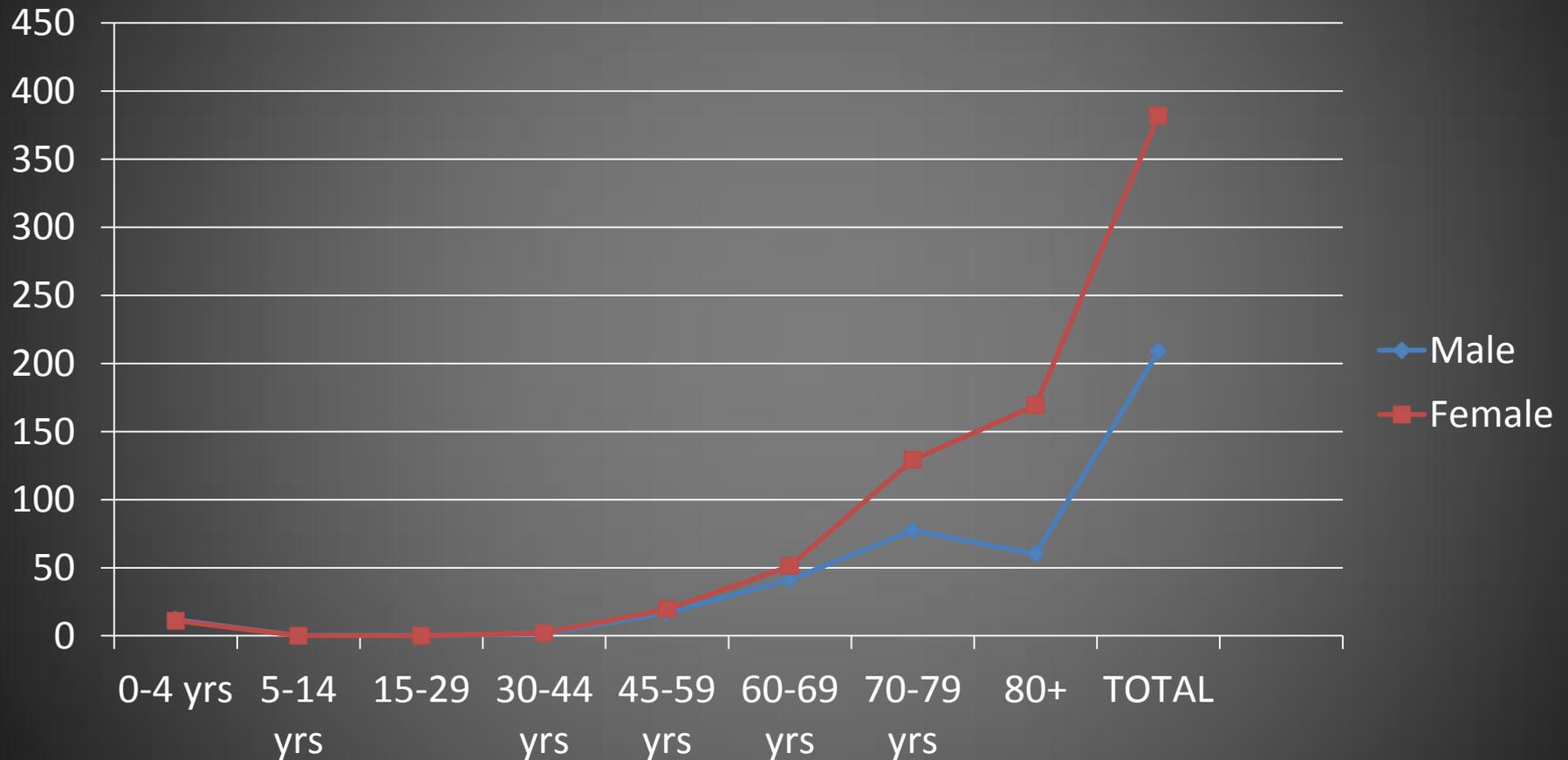
ASIA CLEAN ENERGY FORUM | 15 JUNE 2015 | MANILA, PHILIPPINES

**Women, children and older persons have no choice and are the most vulnerable.
PM 2.5 should be 0.**

Photo from Reuters

ASIA CLEAN ENERGY FORUM | 15 JUNE 2015 | MANILA, PHILIPPINES

DEATHS FROM HOUSEHOLD AIR POLLUTION BY SEX AND AGE (by 000's Western Pacific Region, 2004)





**Clean energy for the home is a public health intervention.
It will save the lives of millions of women and children.**

