



**AMBASADORI ODRŽIVOG
RAZVOJA I ŽIVOTNE SREDINE**

ENVIRONMENTAL AMBASSADORS
FOR SUSTAINABLE DEVELOPMENT



“Citizens science” - u izazovima kvaliteta vazduha

Okrugli sto ČIST VAZDUH – ZDRAVIJA BUDUĆNOST

Prof dr Marija Jevtić,
Medicinski Fakultet Univerzitet Novi Sad
Institut za javno zdravlje Vojvodine

BEOGRAD, juni 2019



THE **INVISIBLE KILLER**

Air pollution may not always be visible, but it can be deadly.



36%
OF DEATHS FROM
LUNG CANCER



34%
OF DEATHS FROM
STROKE



27%
OF DEATHS FROM
HEART DISEASE

BREATHELIFE.
Clean Air. Healthy Future.



**MULTIDISCIPLINARNOST
INTERDISCIPLINARNOST**

NADLEŽNOST

UČEŠĆE JAVNOSTI

CITIZENS SCIENCE

**AKTIVIZAM I JAVNO
ZDRAVLJE**

Zagovaranje za čistiji vazduh

AIR POLLUTION – THE SILENT KILLER

Every year, around **7 MILLION DEATHS** are due to exposure from both outdoor and household air pollution.

Air pollution is a major environmental risk to health. By reducing air pollution levels, countries can reduce:



Stroke



Heart disease



Lung cancer, and both chronic and acute respiratory diseases, including asthma

REGIONAL ESTIMATES ACCORDING TO WHO REGIONAL GROUPINGS:



CLEAN AIR FOR HEALTH

#AirPollution



DEATHS LINKED TO OUTDOOR AND HOUSEHOLD AIR POLLUTION

7 million people die prematurely every year from air pollution – both household and outdoor. Among these deaths:



CLEAN AIR FOR HEALTH

#AirPollution

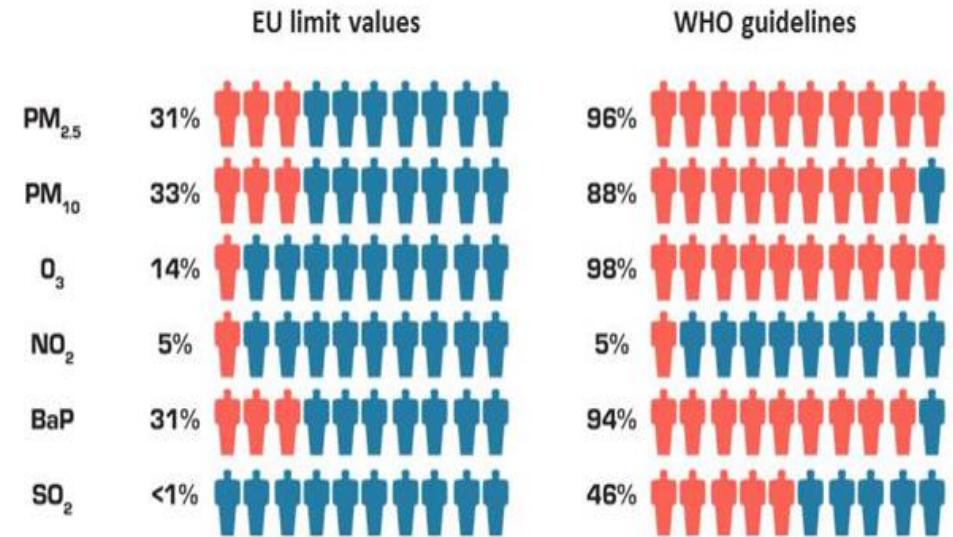


AIR POLLUTION AND CITIZEN SCIENCE: HOW THE CITIZEN CAN DRIVE THE CHANGE



Europeans' exposure to harmful levels of air pollution

EU urban population exposed to harmful levels of air pollution in 2011, according to:



Up to a third of Europeans living in cities are exposed to air pollutant levels exceeding EU air quality standards. And around 90 % of Europeans living in cities are exposed to levels of air pollutants deemed damaging to health by the World Health Organization's more stringent guidelines.

Future health professionals interacting with citizens in joint actions on air quality monitoring



Jelena Gajić, Dubravka Dimovski, Boško Vukajlović, Marija Jevtić, Srđan Kukolj, Vlatka Matković Puljić
University of Novi Sad, Faculty of Medicine;

Université Libre de Bruxelles, Research Centre on Environmental and Occupational Health, School of Public Health,
Health and Environment Alliance, Brussels, Belgium

Resistance is in the Air: Citizens, science and air pollution International interdisciplinary symposium



Measuring results and observations



Different values after rain (between 3 and 8 µg/m³) and after period without rain (between 14 and 31 µg/m³)

- ✓ Results of our measurements are presented as µg/m³ of concentration of Particulate Matter 2.5 (PM_{2.5}) and automatically uploaded to the global database using the AirCasting app, with each of the recorded air quality session lasting minimum of 15 minutes.
- ✓ Measurements performed at the same location after rainfall returned to lower values.

Resistance is in the Air: Citizens, science and air pollution International interdisciplinary symposium

IT – Citizens ACTIVITIES

Preduzetništvo

primer- od zainteresovanosti iz uloge građanina do realizacije ideje





**AMBASADORI ODRŽIVOG
RAZVOJA I ŽIVOTNE SREDINE**
ENVIRONMENTAL AMBASSADORS
FOR SUSTAINABLE DEVELOPMENT

Okrugli sto ČIST VAZDUH – ZDRAVIJA BUDUĆNOST

“Citizens science” - u izazovima kvaliteta vazduha

Prof dr Marija Jevtić,
Medicinski Fakultet
Univerzitet Novi Sad
Institut za Javno Zdravlje Vojvodine



HVALA NA PAŽNJI

