

*Implementation of the Shared Environmental
Information System (SEIS) principles and practices
in the Eastern Partnership countries*

*The **ENI SEIS II East** project (2016-2020)*

Regional plan of activities – air quality

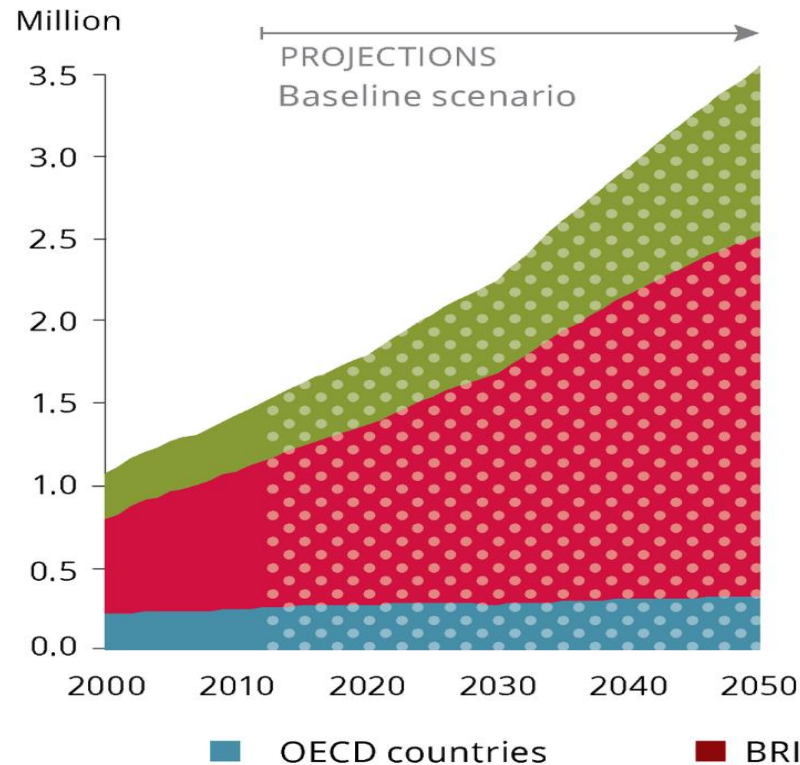
Area 1 Air Quality – why it matters / what can be gained

Is expected to be the main environmental cause of premature mortality worldwide by 2050

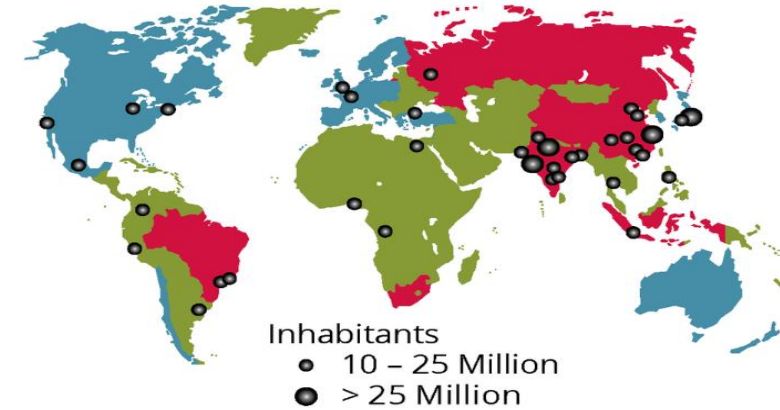
Key issue :
Fine Particulate Matter

“Batumi Action for Cleaner Air” 2016-2021 has committed a policy focus on air quality

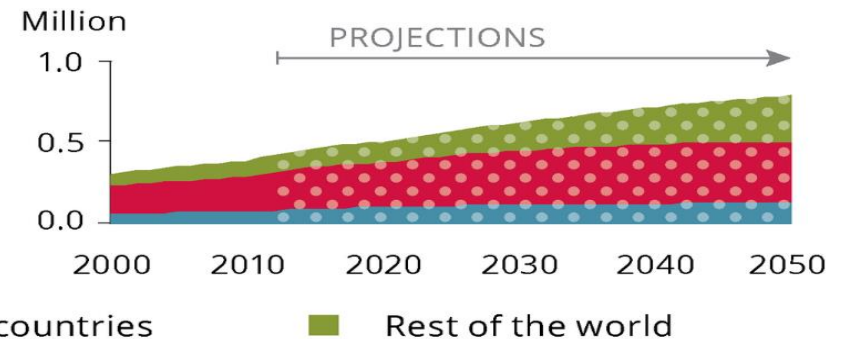
World premature deaths from exposure to particulate matter



Megacities of 2025



World premature deaths due to ozone pollution



Area 1 Air Quality – why it matters / what can be gained

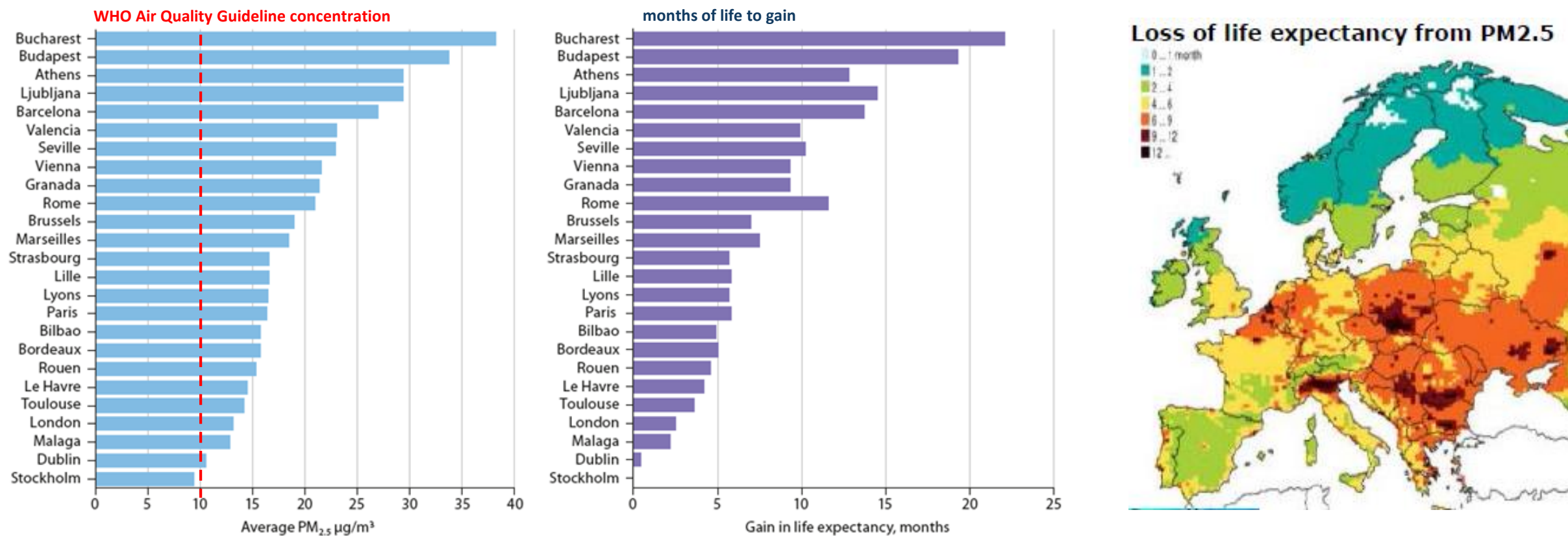


Figure 2. Projected gain in average life expectancy for people aged 30 years by reducing annual average PM_{2.5} concentrations in the 25 European cities participating in the Aphekom project to the WHO air quality guideline concentration of 10 μg/m³ (based on Aphekom, 2011).

Area 1 International Country Obligations on Air Quality

formal commitments with implementation control & sanction mechanisms

"New" EU Association Agreements

Air Quality Framework Directive

- Determine Non-Attainment Zones (= exploratory monitoring)
- Elaborate, Implement & Assess Air Quality Management Plans (= continuous monitoring)

Access to Information Directive

- (= Aarhus, with explicit focus on electronic information)

Batumi Action for Cleaner Air 2016-2021

- systematic, comparable and transparent monitoring
- national action programmes, public awareness

WHO → aim towards health-oriented air quality guideline values

Aarhus → Inform your citizens (as up-to-date as possible)

UN-ECE Indicator Reporting

CLRTAP → report & reduce national emissions

