

LJUBLJANA



REPORT



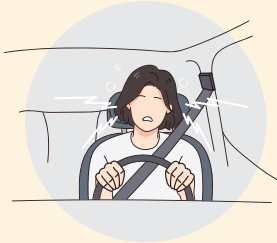
Ljubljana, Slovenia

AN ECOLOGICAL ZONE TO TACKLE NOISE POLLUTION



ISSUE

SIGNIFICANT HEALTH BURDEN



At least **1 million healthy years lost** in Europe each year, the bulk being from traffic noise

AT LEAST 18 MILLION PEOPLE IN EU



Are **highly annoyed by exposure** to noise from transport

DIRECT EFFECTS



Include hearing loss, tinnitus

INDIRECT EFFECTS



Caused by stress and inflammation are hypertension, ischaemic heart disease, cognitive impairment in children, mental ill-health

SOLUTION

Ljubljana's ecological zone:



The city centre, covering 100,000 m² is **closed for motorised traffic**



Green space, as a nature-based solution, is key for noise reduction



Ranked greenest capital in Europe, with over 540 m² of green space per inhabitant



75% city's surface is green coverage

OUTCOME



100,000 preventable deaths

The number of **preventable deaths per 100,000** people in Ljubljana is half the average across 25 European capitals



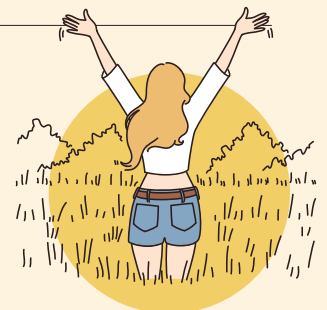
14% vs 30%

There are **fewer inhabitants affected by night noise** above 55 dBA (14%) than in Europe (30%)



5 vs 12

Ljubljana has **less than half as many preventable heart disease deaths** as Bialystok, Poland, (with 5 and 12 respectively), despite similar population sizes



Noise curbing improves quality of sleep, physical and mental health