

# LJUBLJANA



REPORT



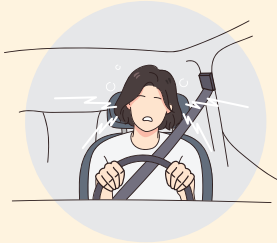
# Ljubljana, Slovenia

## 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 m<sup>2</sup> 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 m<sup>2</sup> 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



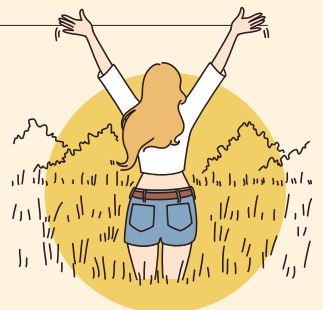
**14% vs 30%**

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