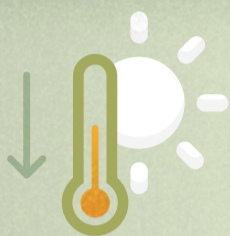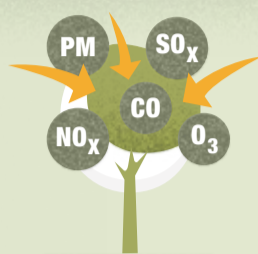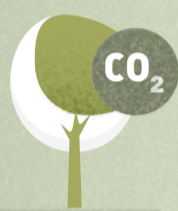# BENEFITS OF URBAN TREES

Strategic placement of trees in urban areas can **cool the air** by between 2 °C and 8 °C.

Large urban trees are excellent **filters for urban pollutants** and fine particulates.

Mature trees **regulate water flow** and **improve water quality**.

CO_2

1 car = 1000 km

One tree can **remove 12 kg of CO_2** from the atmosphere annually, the **equivalent of 18 000 km** of car emissions.

Wood can be used for **cooking and heating**.

Trees can **provide food,** such as fruits, nuts and leaves.

Spending time near trees **improves physical and mental health** by increasing energy level and speed of recovery, while decreasing blood pressure and stress.

Trees properly placed around buildings can **reduce air conditioning needs** by 30% and **save energy used for heating** by 20–50%.
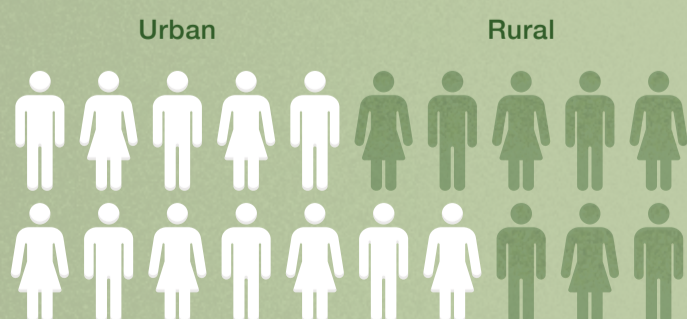
Trees provide habitat, food and protection to plants and animals, **increasing urban biodiversity**.

Landscaping, especially with trees, can **increase property values** by 20%.

World urban population is growing fast...

Urban   Rural

Today

By 2050

...planting trees today **is essential** for future generations!