



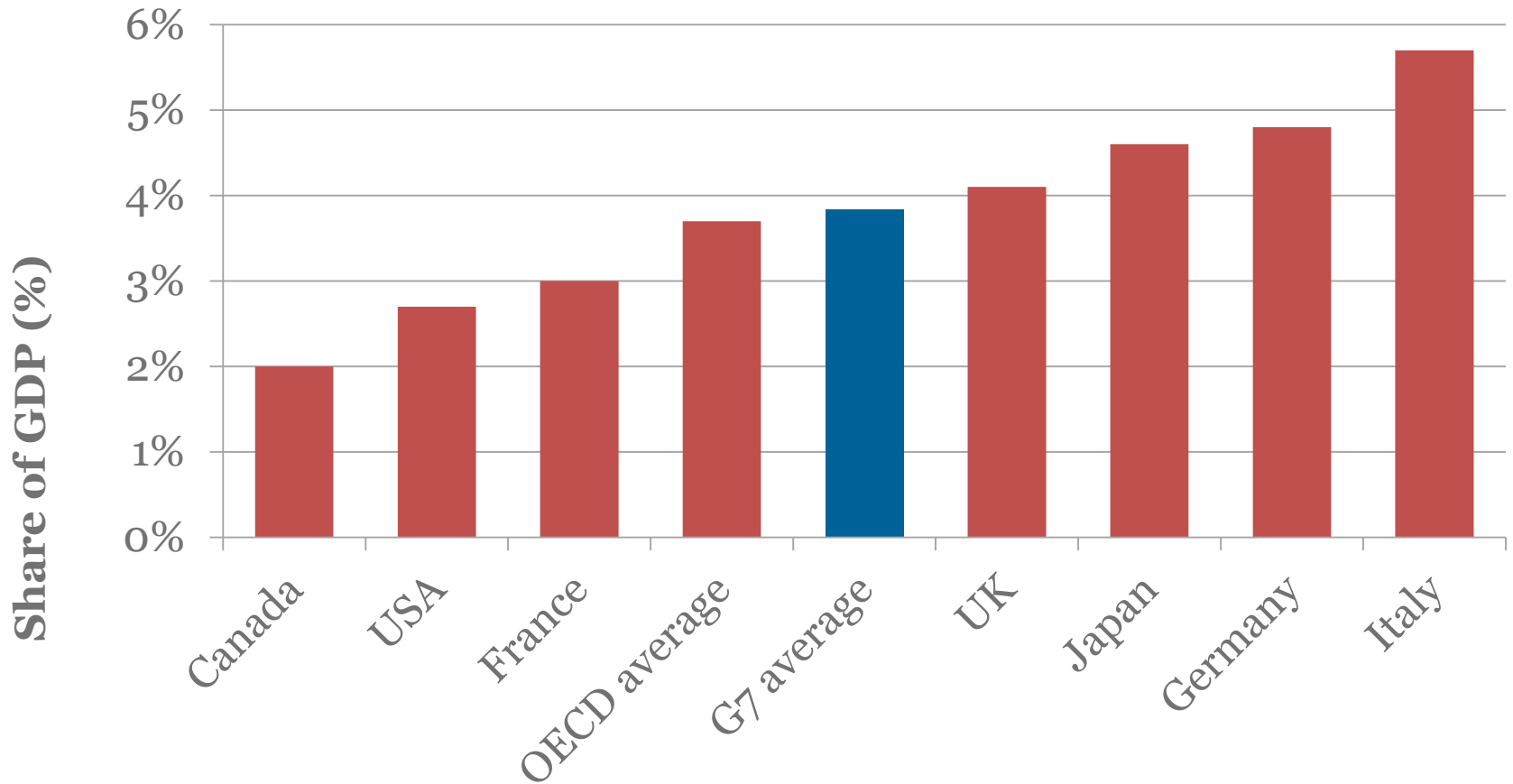
# HEALTHY PEOPLE, HEALTHY PLANET

The role of health systems in promoting healthier lifestyles  
and a greener future

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# Economic cost of premature deaths due to ambient air pollution as a proportion of GDP in G7 countries





# Ministries of Health can promote both better health and healthier environment

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Promote **healthier diets** for a greener environment



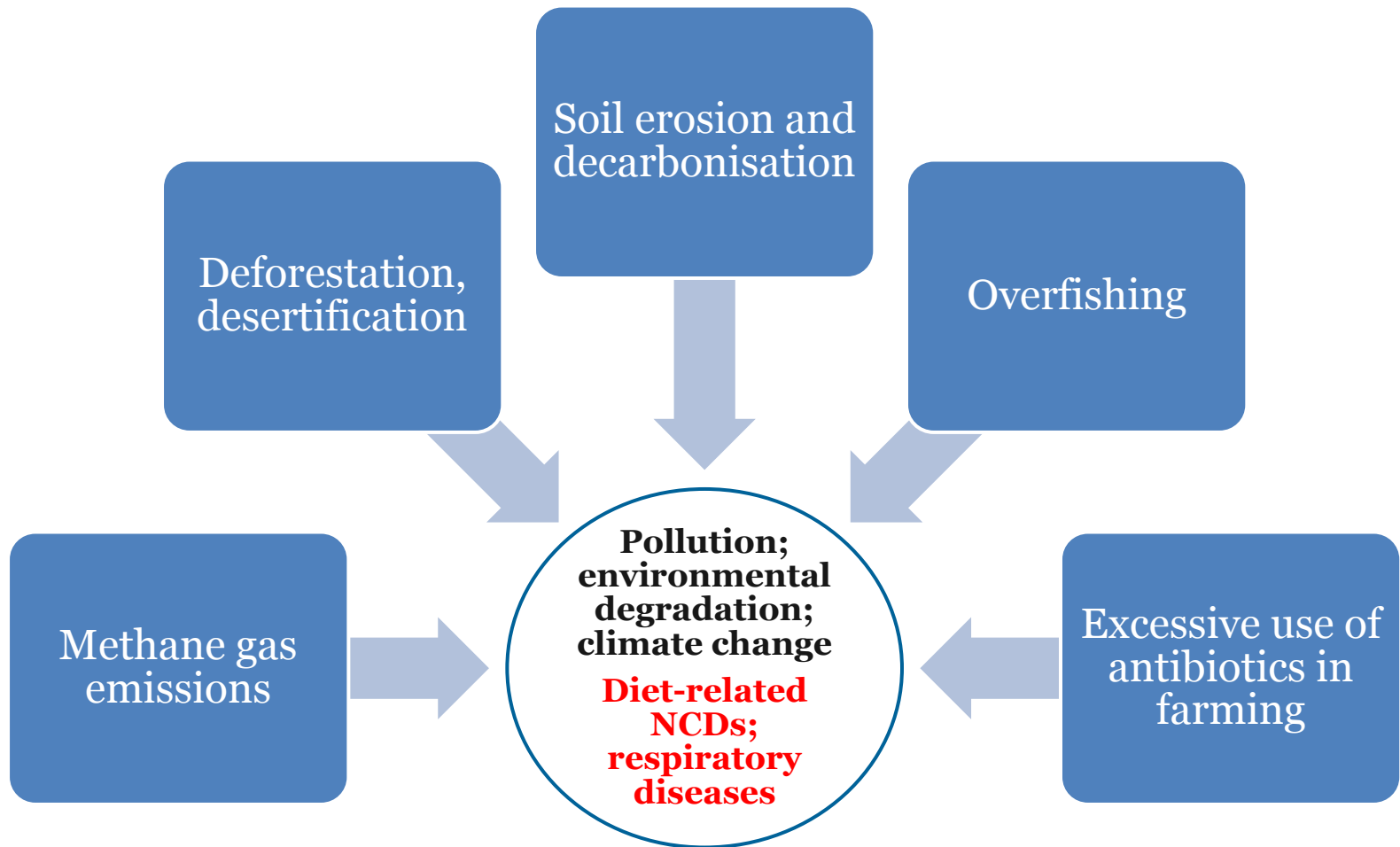
Support **sustainable urban living** policies



Encourage **active travel** to decrease motorised vehicle emissions



# Unhealthy diets and unsustainable agriculture are environmentally damaging





# Ministries of Health can promote healthier diets and sustainable food production



## **Encourage healthier diets in primary care**

Physician-dietician counselling found to be cost-effective in Canada (18,000 USD/DALY gained); England (7,000), Italy (14,000) and Japan (9,900) after 15 years of implementation



## **Provide healthy food and reduce food waste in hospitals**

A third of hospital food is wasted – inappropriate portion size, poor quality, wrong time

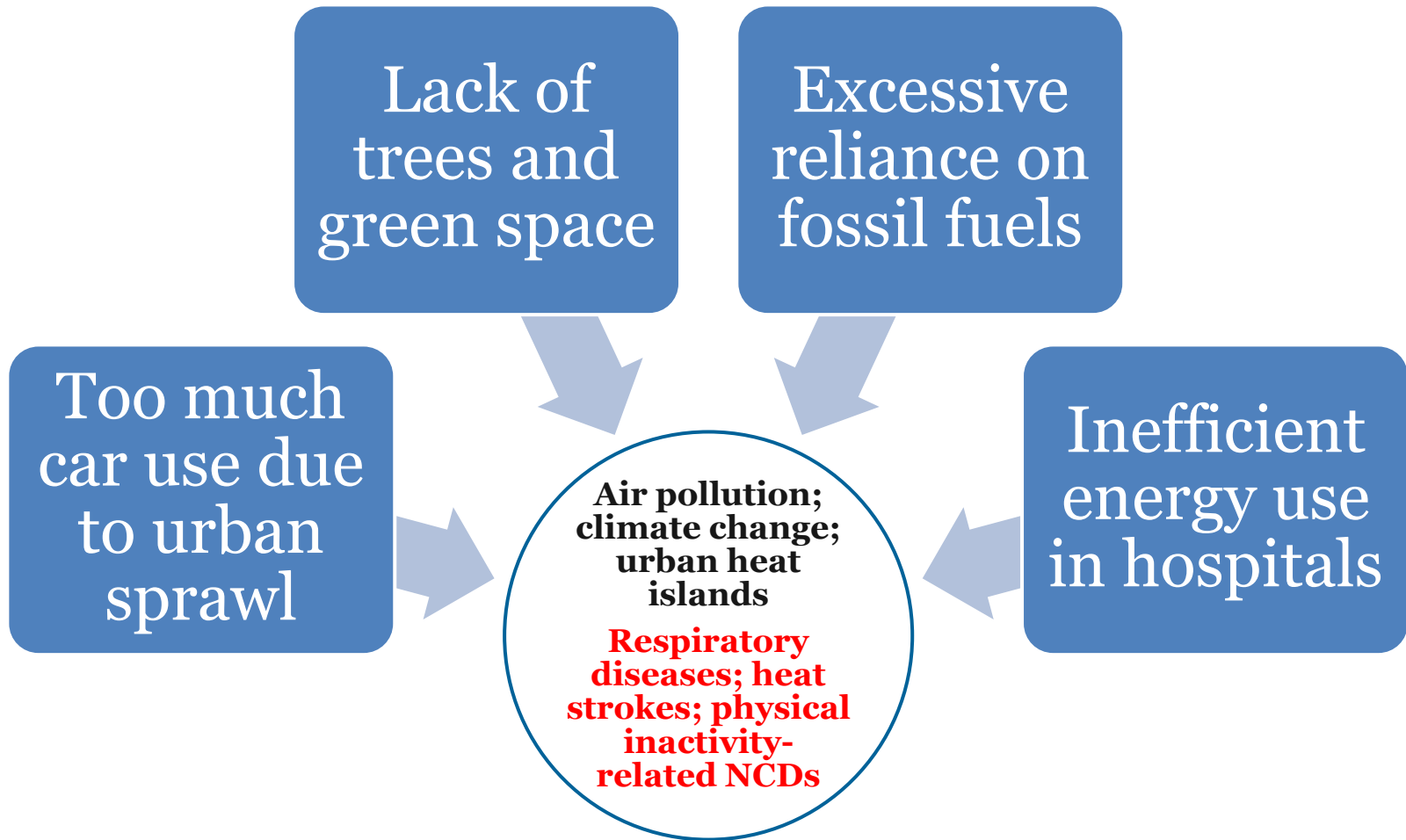


## **Ensure healthy diets lead to sustainable agriculture**

Eating healthier, plant-based diets can reduce food-related greenhouse gas emissions by 29%-70% by 2050



# Environmentally unsustainable urban design can also damage health





# Making city living more sustainable: what Ministries of Health can do



**Try to include health and environmental considerations in urban planning schemes**

Planting cities with trees to the extent possible can reduce particulate matter-related mortality by 2.7% to 8.7%



**Reduce carbon footprint in healthcare sector**

In the US, healthcare sector responsible for up to 10% of total greenhouse gas emissions

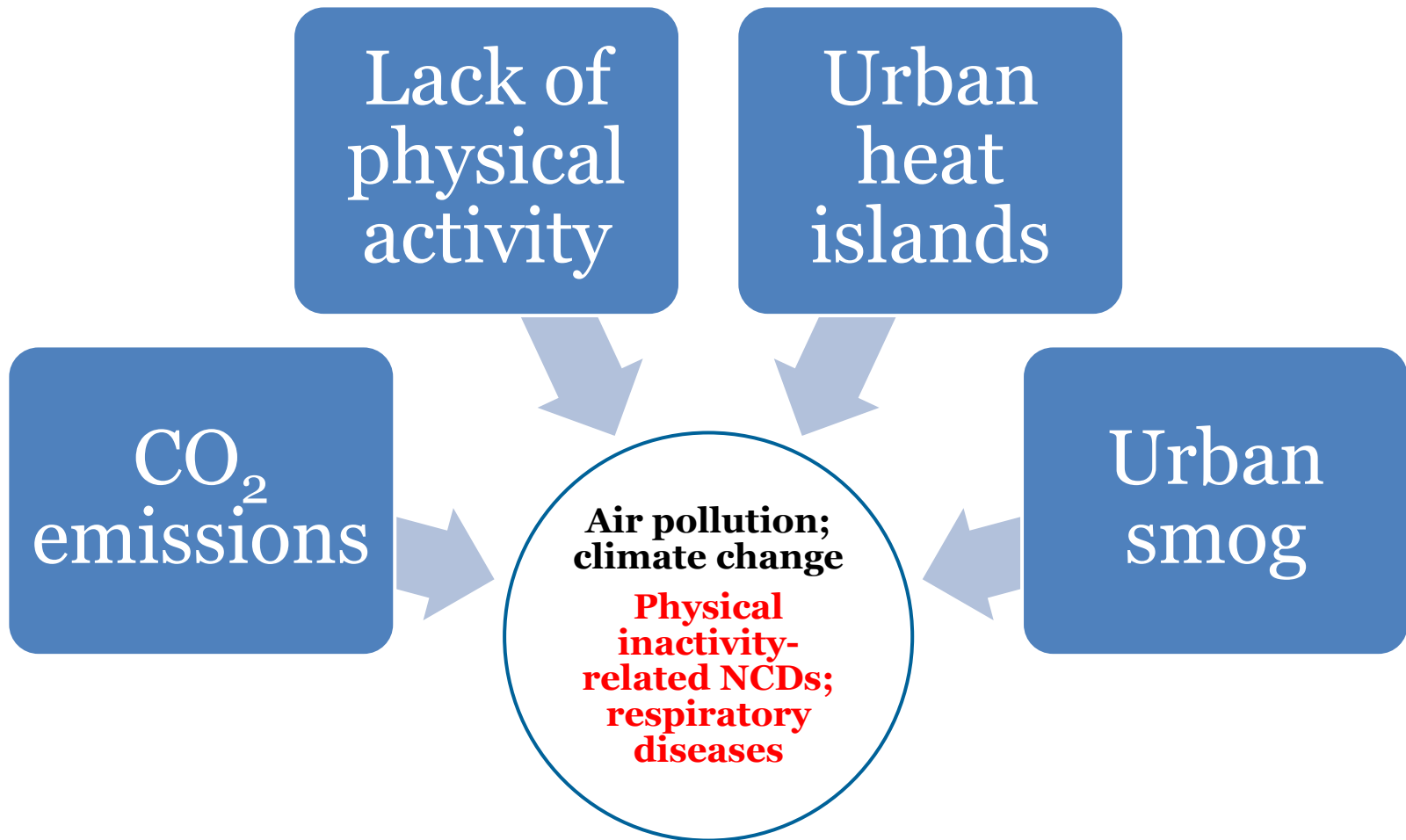


**Reduce reliance on fossil fuels in electricity generation as they emit SO<sub>2</sub>, NO<sub>x</sub> and mercury as well as carbon**

In the US, fossil fuels are burned to create 35% of US carbon emissions



# Overreliance on car use is bad for health and for the environment







# What Ministries of Health can do to encourage active transportation



**Implement mass media campaigns to encourage physical activity**

These campaigns estimated to increase physical activity levels by about 36%



**Create partnerships with local authorities to increase active transportation options**

New intermodal transportation options can increase moderate physical activity by about 32 min/week



**Partner with local transportation authorities to enact low-emission zones**

In Munich, implementation of LEZ was found to reduce elementary carbon by 60%



## OECD can help G7 countries

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- **Evaluate** additional environmental benefits of public health actions addressing non-communicable diseases;
- **Facilitate** the sharing of country experiences;
- **Identify** suitable policy actions;
- **Support** countries in the implementation of policies that present co-benefits by being simultaneously environmentally friendly and health-promoting