## Which transport policies influence physical activity of the whole of society?



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## What is already known on this topic

- There is strong evidence of a link between car dependency and physical inactivity.
- Research consistently shows that those who walk, cycle or use public transport generally have higher total daily physical activity (PA) levels than those who drive a car.
- The 'Physical Activity Strategy for the WHO European Region 2016-2025' strongly highlights entry points for transport-related policies that influence PA levels in society.



Although transport policies that prioritize walking, cycling and public transport are regularly recommended due to their direct and indirect effect on PA the many publications that are relevant in this field often have conflicting or inconsistent results.

## What policy actions work best for Physical Activity?



Signficant positive policy actions in three policy areas are:

#### **1. Convenient transport infrastructure**

walking paths, new traffic-free cycling routes, new bus shelters, new bus lines, safer urban and streets design, traffic calming.

### 2. Active travel programing and promotion personal travel planning, individual active travel guidelines,

Non-significant positive

Convenient transport infrastructure

Active travel programming & promotion

Fig 1. Share of policy areas positively influencing PA

Shift of transport mode

Significant promotional activities on active transport.

## 3. Shift of transport mode

ticketing improvements, discounted season tickets, free university bus service, increased parking charges, public transport frequency.

# Policy recommendations

positive

- 1. PA levels can be increased by implementing policies that provide convenient, safe, and connected walking and cycling infrastructures.
- 2. PA levels can be increased by promotion active travel policies.
- 3. PA levels can be increased by giving strong support to public



transport.

4. Active travel policies work best when implemented in a comprehensive way (very often as a combination of several policies).

#### Figure 2. Cycling paths - good example

#### References

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