

Developing the Shift to Low-Carbon  
Transport Through Safety  
Improvements for Vulnerable Groups

# Making low-carbon transport safer for everyone



## Why this matters

This case matters because the shift to low-carbon mobility will fail if walking, public transport and interchange remain unsafe or inaccessible for vulnerable users.

## The urban pressure

Poor pedestrian access and unclear wayfinding increased exclusion, reduced independent movement and reinforced reliance on private vehicles. People with mobility, vision and hearing impairments, women, children and older people were most affected.



## **The partnership response**

The partnership combined international funding, local government authority, national transport policy support and lived experience. This helped designs reflect users' real needs while creating a route for city and national uptake.

## **What the project did**

The project ran co-design workshops, surveys and assessments to develop inclusive wayfinding and pedestrian improvements. It installed accessible signage, tested it with users and translated lessons into guidelines.

## **Interventions and outcomes**

- Ran participatory pilots in Semarang and Makassar with people with disabilities, women, children and older people.
- Installed and tested inclusive pedestrian and wayfinding signage.
- Translated pilot learning into city guidelines and national inclusive transport strategy inputs.

## **What made it work**

Participatory co-design, low-cost interventions, strong community engagement and policy integration made the work practical and scalable.

## **Challenges and lessons**

The case does not yet quantify emissions or wider mobility outcomes. The immediate value is in demonstrating how inclusive design can be embedded in transport guidelines.

## **Relevance to other cities**

Relevant to cities seeking low-cost ways to make low-carbon mobility safer, more inclusive and easier to use.

## **Follow-up opportunity**

This case could support further exchange on inclusive transport, wayfinding, road safety, disability-led design and low-carbon mobility.

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## **Partnerships to deliver**

### **prosperous urban futures**

Part of the UK's contribution to the thirteenth session of the World Urban Forum, this case study highlights how cities are responding to challenges through practical, place-based collaboration. It reflects a shared commitment to learning, collaboration and building partnerships for the future of cities.