

The Role of Sustainable Transport & Community Engagement in Urban Regeneration

Faela Sufa, 24/10/2020



ELEMENTS OF URBAN REGENERATION



PEOPLE



PLACE

Two frames of reference can be considered for urban development: “people” and “place”

People

Sustainable mobility development aims to regenerate areas by improving accessibility to work and education opportunities for marginalised groups of people without depending on the car, thus tackling social exclusion.

Place

Sustainable mobility development aims to initiate and/or foster economic renewal via property development and commercial growth. Public transport improvements can catalyse and/or support investment in to an area, thus facilitating urban regeneration through growth in jobs and services

- Need more space for public activities
- Limited public transport capacity and distrust to use public transport
- Lack of active mobility facilities and infrastructure

Sustainable urban mobility is an essential instrument for urban regeneration as part of a city's strategy for sustainable development.



Why we need more space for public activities?

we only have **3.2 km² of parks** in
Jakarta – roughly 0.5%
of the city's total area

Parking space

Road space

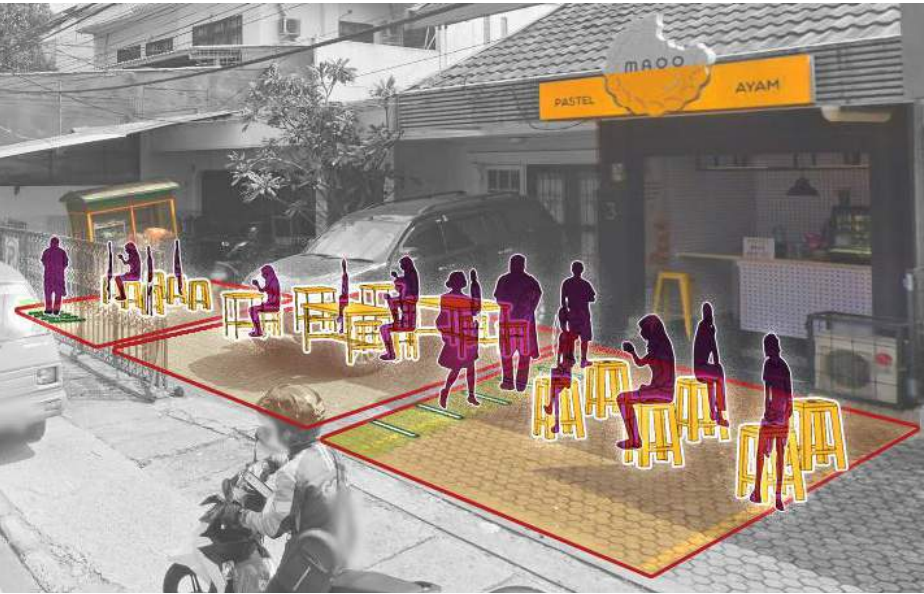
Green Space
(Public parks)

Population of Jakarta:
11 millions people

In every 1m² of public park in
Jakarta, it will be occupied by
3 adults and 1 children.



How to gain more space for public?



Transforming setback parking



Transforming on-street parking

Why do we need public transport?



ITDP

Institute for Transportation
& Development Policy



The roles of public transport in urban regeneration

The public transport interventions have been listed in the context of people and/or place to help reference how this approach can be applied.

Income Deprivation



Provide **high capacity, affordable, fast, reliable, safe, accessible and inclusive connectivity to employment opportunities** in business district centres and city and town centres.

Employment Deprivation



Improving access to and regenerating town centres.

Keeping wealth local by supporting local businesses.



Creating new employment hubs e.g. by (high density mixed development) at public transport hubs. Supporting greater local economic vitality through **enabling higher densities and compact city typologies.**

Education, Skills & Training Deprivation



Provide **affordable, fast, reliable, safe, accessible and inclusive connectivity to schools and colleges.** Public sector transport investment can be used to establish skills academies and apprenticeship programmes.

Health Deprivation & Disability



Provide an **alternative to car use and affordable connections to health and other services.** Provides greater opportunities for healthy active travel which reduces cancer, diabetes, stress etc. and reducing dominance of vehicles removes barriers faced by people with reduced mobility.

Crime



Provide **safe, secure transport services including, for example, at night. Reduce car-dependency,** enabling streets to be designed for people rather than vehicles, allowing improved design of public realm (of which streets make up 80%) and improved perceptions of safety.

Barriers to Housing & Services



Provide **transport capacity to support greater provision of homes sustainably,** (high density mixed use development) including provision of affordable homes than could be achieved through car-based development which fails to optimise the use of land.

Living Environment & Deprivation



Reduce car-dependency, giving opportunities to use street space for community activity, active travel and social interaction, improving (mental and physical) health and reducing isolation. **Greater connectivity to green space, open space etc. for recreation.**

20 Minutes City Concept



20 Minutes City Concept

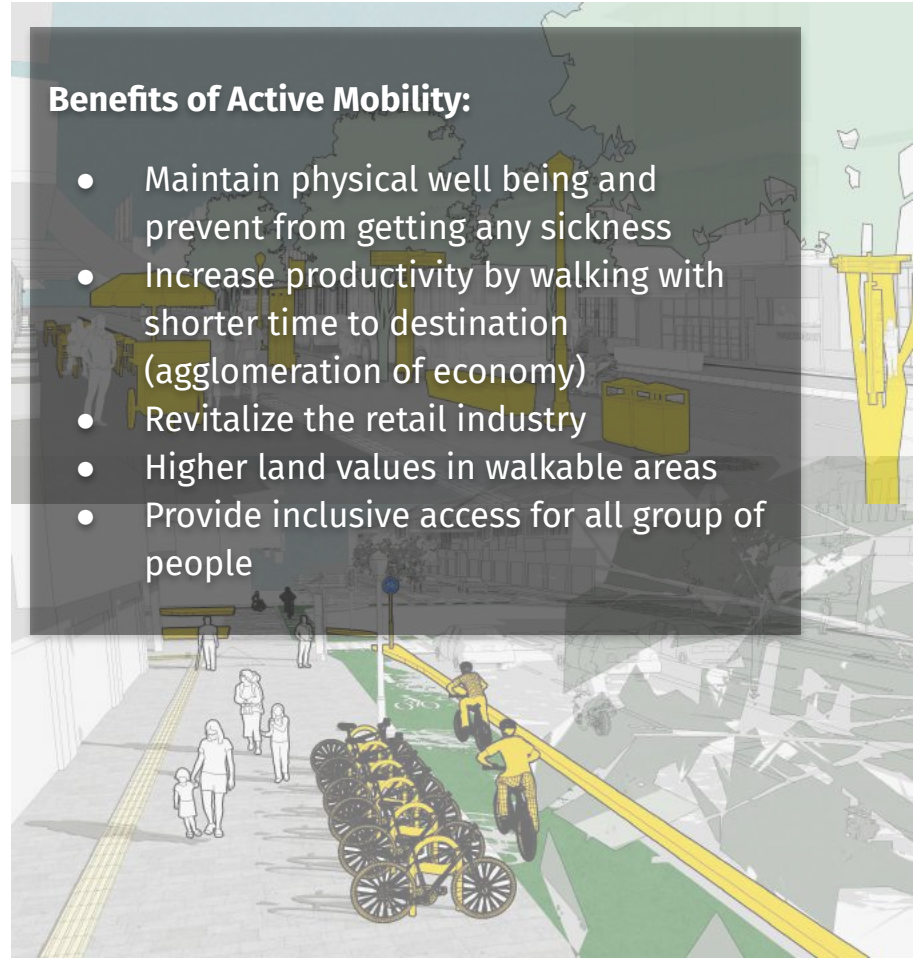
- **safe, accessible and well connected for pedestrians** and cyclists to optimise active transport
- **offer high-quality public realm** and open spaces
- **provide services and destinations** that support local living
- **facilitate access to quality public transport** that connects people to jobs and higher-order services
- **deliver housing/population at densities** that make local services and transport viable
- **facilitate thriving local economies**

How can active mobility help urban regeneration?



Benefits of Active Mobility:

- Maintain physical well being and prevent from getting any sickness
- Increase productivity by walking with shorter time to destination (agglomeration of economy)
- Revitalize the retail industry
- Higher land values in walkable areas
- Provide inclusive access for all group of people



Examples of Community Involvement



Examples of Community Involvement



**Building support for TOD through
community engagement**

A vibrant city street scene with a yellow tram on the left, several cyclists in the middle ground, and a couple walking hand-in-hand in the foreground. The street is lined with lush green trees and modern buildings in the background. A traffic light with a red light is visible on the left. The overall atmosphere is one of a sustainable and inclusive urban environment.

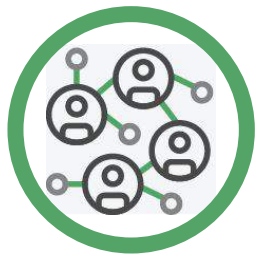
Sustainable Mobility for All

ALL USERS

ALL AGES

ALL ABILITIES

ALL INCOME CLASSES



Involving the Community

Getting community involvement during the design stages can promote support and buy-in. **It ensures the scheme delivered is accessible to the community who needs it most** and should not stop at delivery.



Securing Sufficient Funding

Investments in sustainable transport contributes to **improved social inclusion and unlocks interventions to support economic opportunities**. Insufficient public funding can be an obstacle to delivering public transport schemes for deprived areas.



Integrated Planning and Stakeholder Management

Strategic transport and land use planning in a city can ensure that the **right areas are targeted for regeneration and growth**, while complementary policies and political support ensure the effectiveness of transport in **tackling deprivation and offering greater opportunities to more people**.

Thank You!

Faela Sufa
ITDP SEA Director
faela.sufa@itdp.org