Designing Streets for Kids

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MOBILIZE | Fortaleza 2019

@GlobalStreets
www.globaldesigningcities.org

NACTO National Association of City Transportation Officials
GDCI Global Designing Cities Initiative
Streets for Kids

at MOBILIZE
Global Designing Cities Initiative

Janette Sadik-Khan

2014
Endorsed by:
50+ Cities and 50+ Organizations
What is Possible?
Designing Streets for Kids

GSDG Supplement

Project Implementation + metrics collection

Coming in 2019
Safe + Accessible
Healthy + Comfortable
Inspiring + Educational
More than 500 children die each day in road crashes in cities around the world.
Number 1 killer of ages 5-29
170,000 children under five die prematurely from urban air pollution each year – primary source of which comes from vehicles.
42 million children are now overweight or obese worldwide due to low level of physical activity and high intake of energy-dense, high fat foods.
361,000 child deaths due to diarrhea could have been prevented by improved access to clean water, sanitation and hygiene.
Streets for Kids Users

Pregnant women

Young Children

Caregivers

Children
How the Street can Build Connections

Between neurons
Between child & caregiver
Between children
Between caregivers
Between caregivers & children with their surrounding space
Between caregivers & children and their destinations
Improving Mobility

STREETS

Improving Public Space
Safe and healthy

A clear path (> 2.4m wide)

Lighting that illuminates both sidewalk and street

Safe Signals

Posted speed limits

Ramps

Crosswalks
Comfortable and convenient

- Lighting and awnings make facades dynamic
- Solitary and social seating
- Wayfinding
- Trees for shade
- Street signs
- Access to nature, like small landscape gardens
- Rubbish bins
- Comfortable and convenient
Inspirational and educational

- Nooks and variation in a building’s facade
- Healthy food options
- Artwork like playful numbers or murals
- Painted additions to the sidewalk
- Varied texture in surfaces
Pedestrian experience
Cyclists
Designing for All Ages and Ability

Kids Bike Share

Fortaleza, Brazil
Education & Building Bicycling Culture for Kids

Tirana, Albania

Streets for Kids: Streetscape
Transit Infrastructure
Baltimore

Street Transformations
Street Transformation Strategies

**Upgrade**
- Meeting minimum standards

**Slow/Protect**
- Design for safe speeds

**Reallocate/Rethink**
- Efficient and fair distribution of space

**Activate**
- Incorporate places to pause, sit and play

**Extend**
- Think beyond the ground plane – Street as a ‘room’
Residential Street: 16m

Before
Residential Street: 16m

After
Residential Street: 16m
Copenhagen, Denmark
Large Street: 35m

Before
Large Street: 35m
After
Transit Street: 35m
Tel Aviv, Israel
Residential Street: 10m

Before
Residential Street: 10m

After
Fortaleza, Brazil
Ramps, Sidewalk Extensions, Raised Crossings
Bogotá, Colombia
Cyclists
Designing for All Ages and Ability
Markings
Safe Crossings
Playful elements
Provide the tools to reimagine, reinvent, and redesign safer, more sustainable streets for kids of all ages!
Inspire Safe Street Superheroes!!
Street for Kids Walk Shop
Street for Kids Walk Shop

30 min – Do street audit as a group

20 min – Discuss key findings
Think from 3 feet