

## Cities for People

Henriette Vamberg, Partner @ Gehl

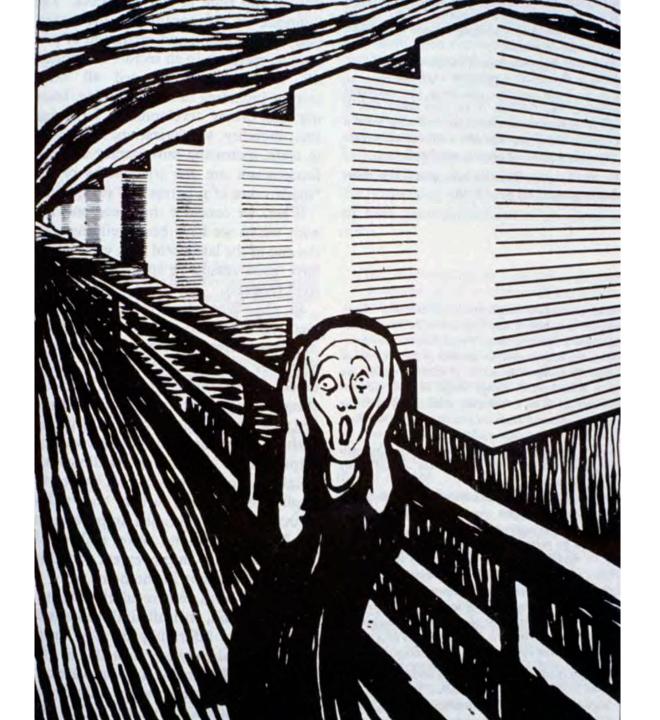






### Founder: Professor Jan Gehl, architect



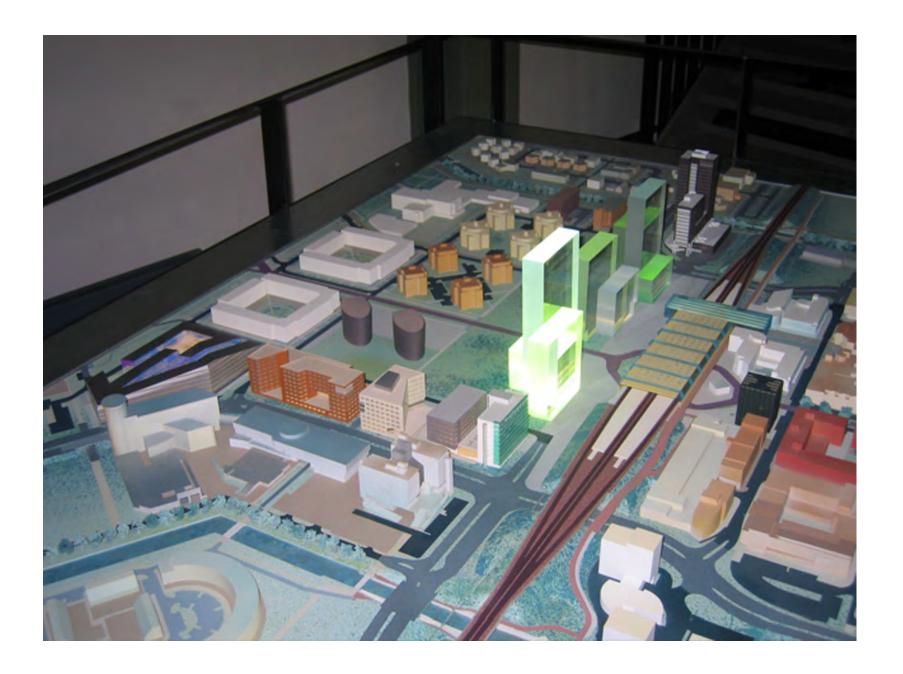




### "The Brasilia Syndrome"..... planning from above!



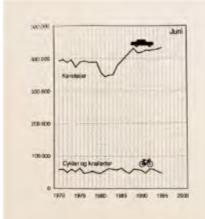


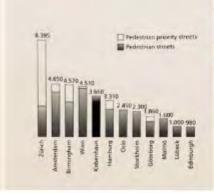


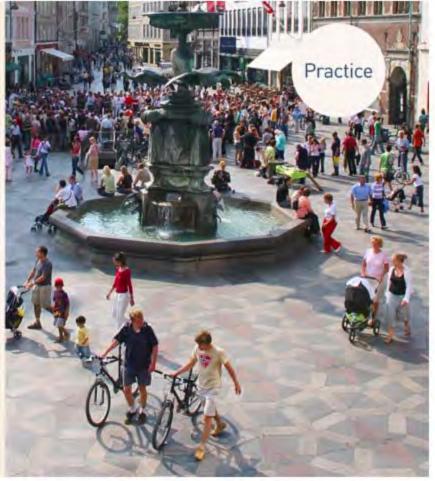












### **Gehl Architects**



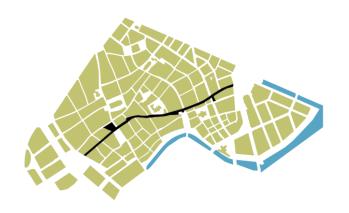
## **Copenhagen 1962 – From traffic place to People Place**



"In this City everything will be done to invite people to walk and bicycle as much as possible in the course of their daily day doings"

### From car invasion





#### **1962 First Pedestrian street**



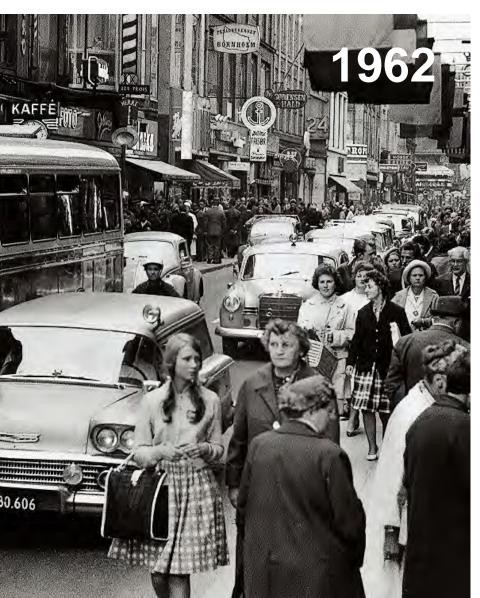
#### **1973 Network of streets**

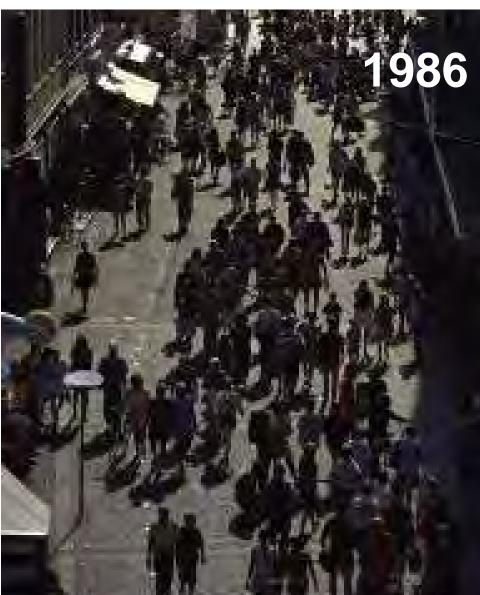


Today More and more places to stay

22 squares that used to be parking lots are
now people spaces

# Strøget (main street) pedestrianized 1962





# In 1962 all 18 squares were parking lots - now they are all people squares





### Nyhavn



### Nyhavn





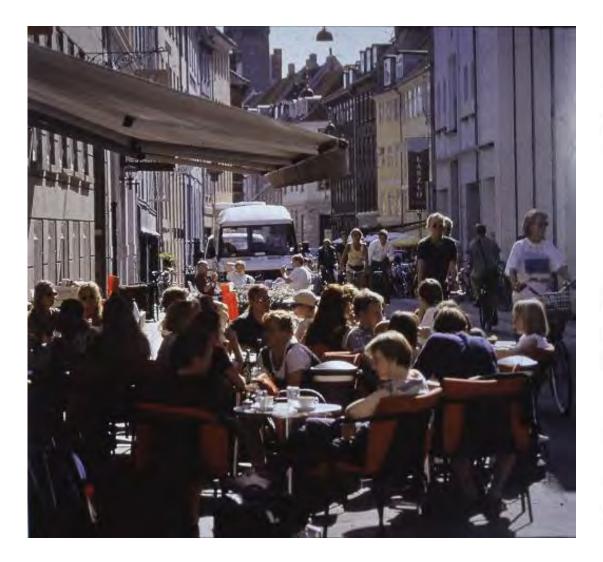
### Town Hall Square

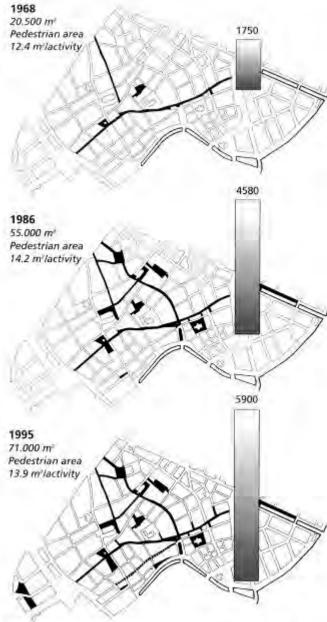


### Town Hall Square



## 4 times more people spend time in the city





Average number of people engaged in stationary activities throughout the city center at any time between 12° and 16° on summer days in 1968, 1986 and 1995.

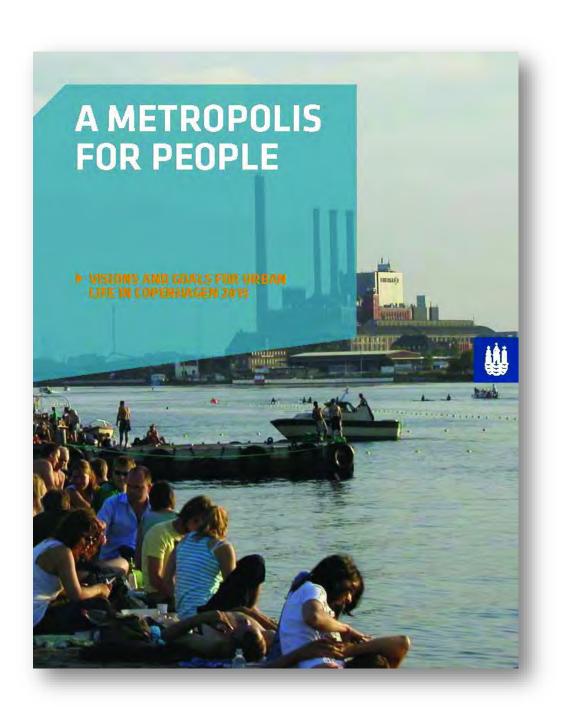






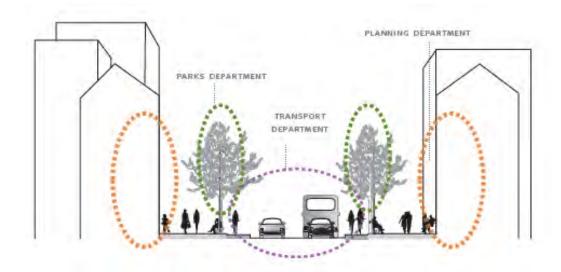
## Families now stay in the city



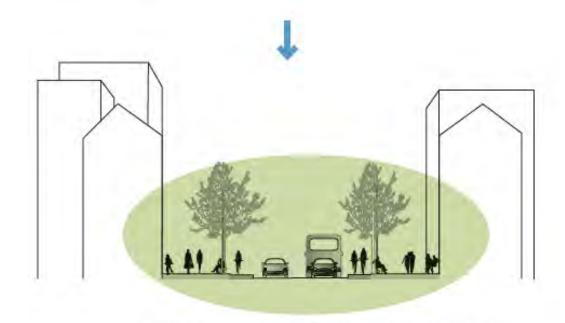


#### The need for a holistic approach to urban design

Designing objects



Making places (creating opportunities for places to flourish)



Public life is growing from the centre and out into other districts













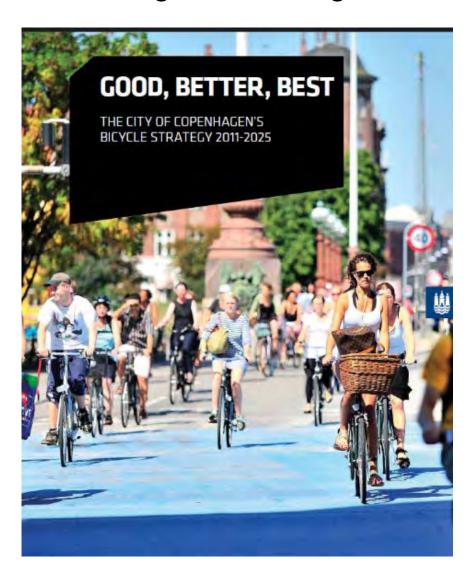






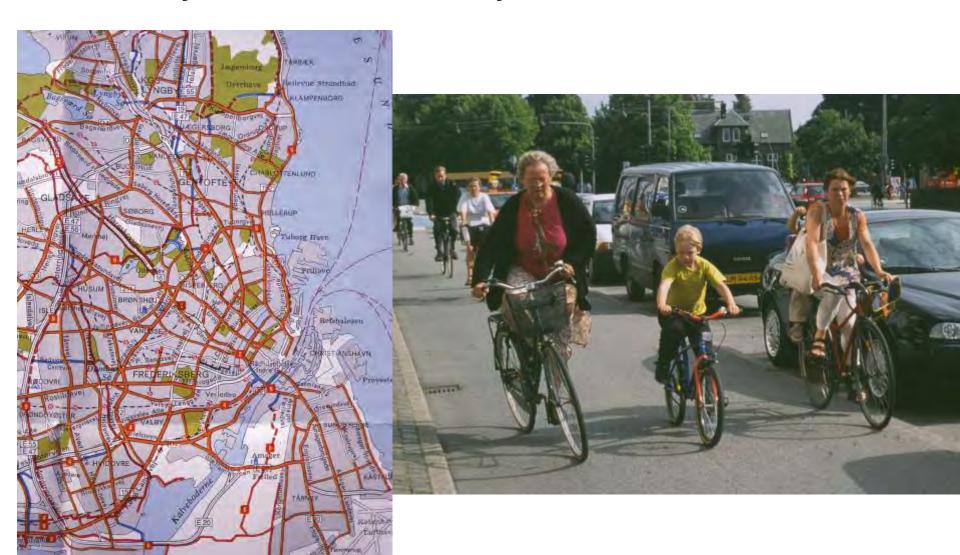


### City of Copenhagen: Bicycle Strategy 2011 "From rather good to being World class"

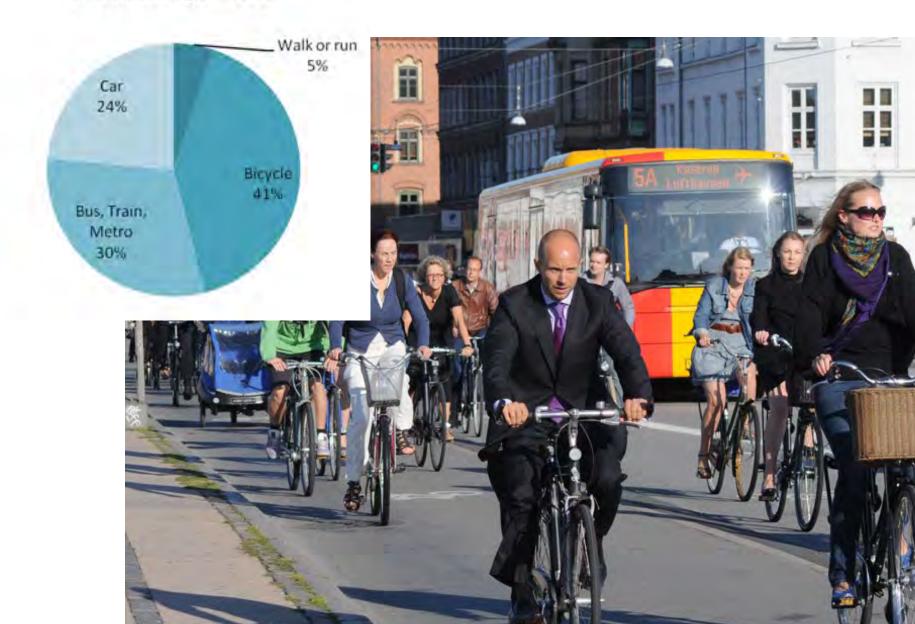


## Bicycling in Copenhagen

- on a citywide network of bicycle lanes



# Trips to work or education in the City of Copenhagen 2013



### 70% continue to bicycle in the winter









# Major complaint: Serious congestion - on the bicycle lanes









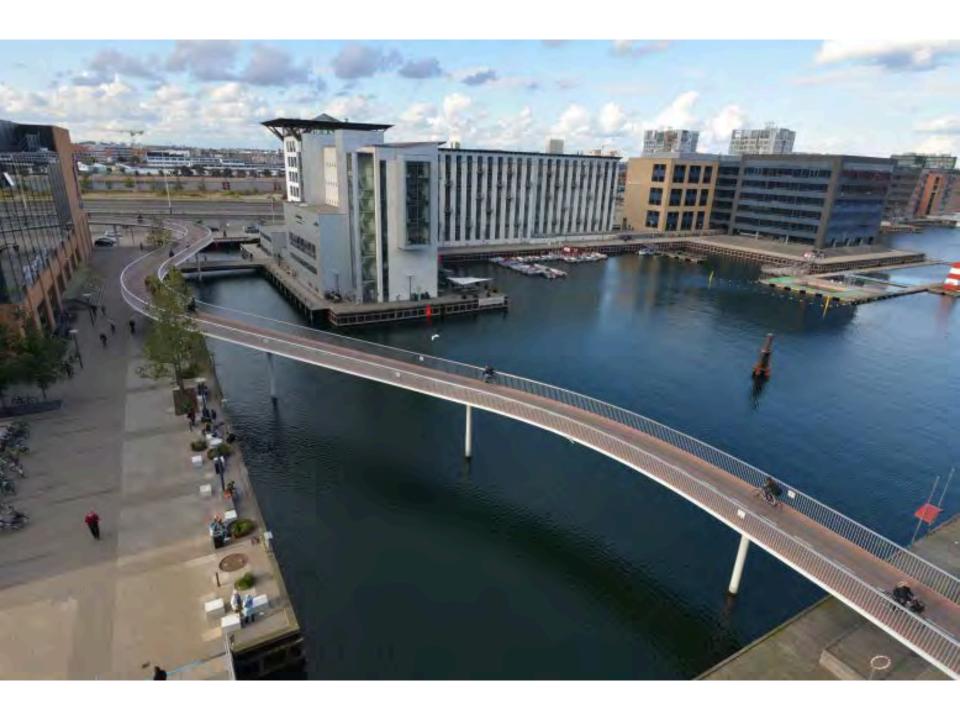
## Green wave for bicycles

















Oct 2011: New Danish Government arriving on bicycles at the Palace to be commissioned by the Queen.

## The Danish Crown Prince is bicycling too

# TO PÅ VEJ MOD TRONEN

Frederik og Christian med kurs mod vuggestuen og et liv, som ingen andre

Kinelin del Moor o virtoligi Moles, - migri Amegricono

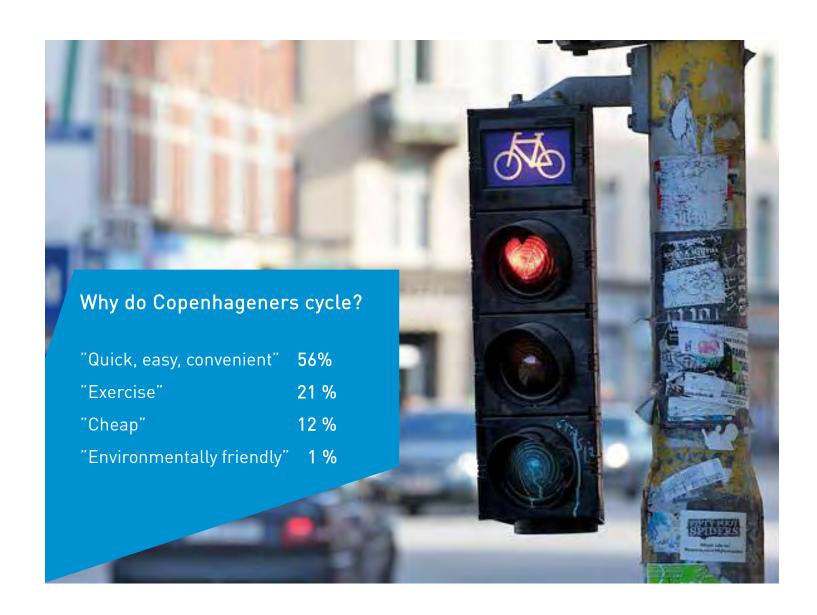
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# planyc

A GREENER, GREATER NEW YORK





### **CHALLENGES**

- Future growth \_ + 1 mio. New Yorkers by 2030.
- 2. An overcrowded and worn-down public transport system
- 3. Congested streets and avenues 50% of all car trips in Manhattan are less than 1 km
- 4. Congested sidewalks
- 5. Few and overused places for recreation
- 6. Generally a low public space quality
- 7. Increasing issues around obesity and inactive lifestyles
- 8. Increasing awareness on sustainability







July 1st, 2006 - June 30th, 2009

This intersection marks the historic completion of 200 miles of new on-street bicycle lanes for NYC within three years.

An unequalled accomplishment.







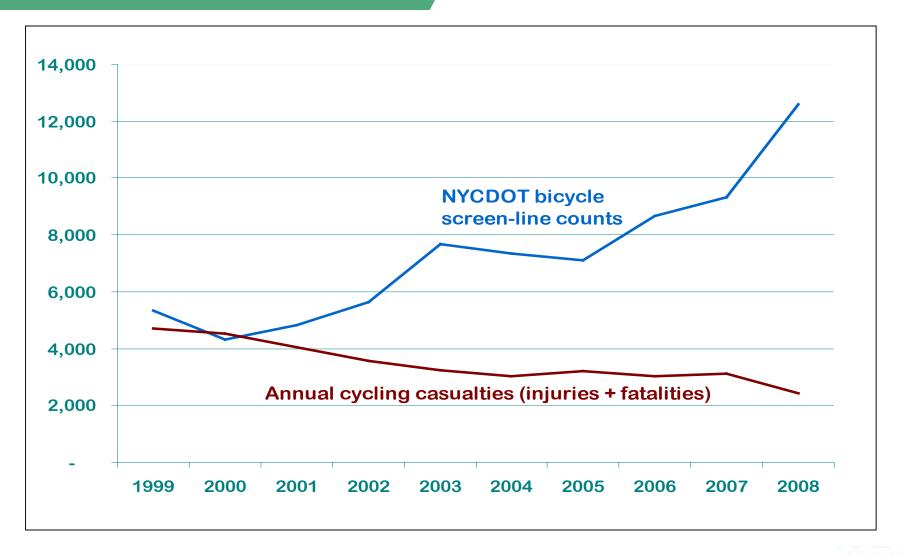








### **Safety in Numbers**



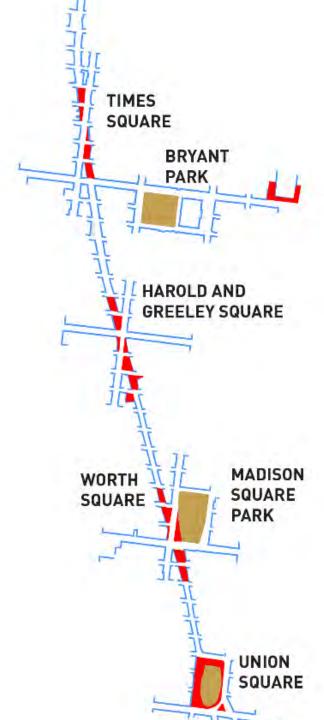


## Pilot projects in New York

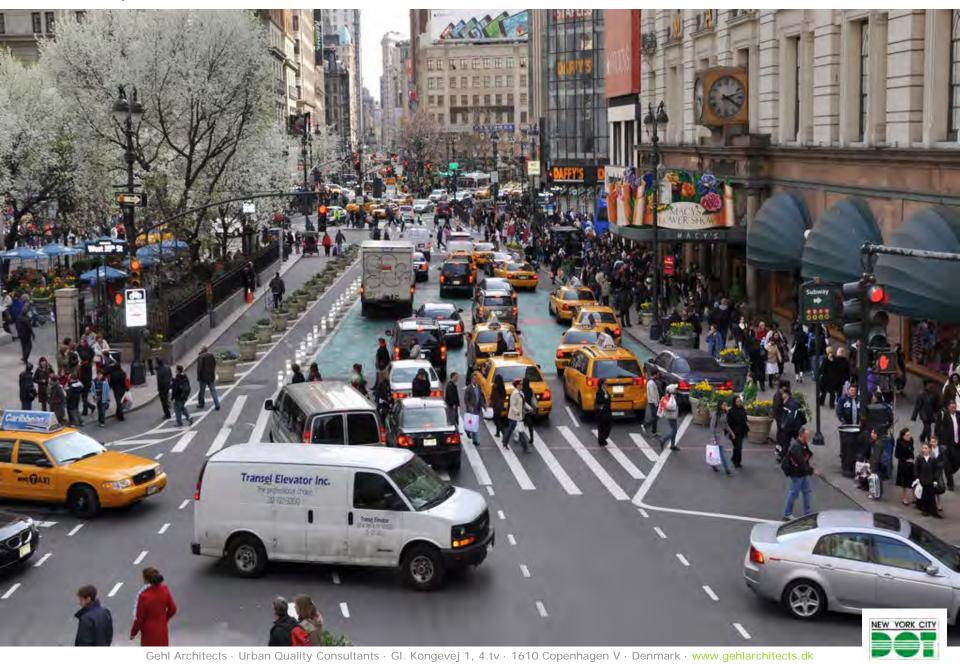


# **Broadway Boulevard**

Increasing public space on Broadway



### Herald Square - before



### Herald Square - after



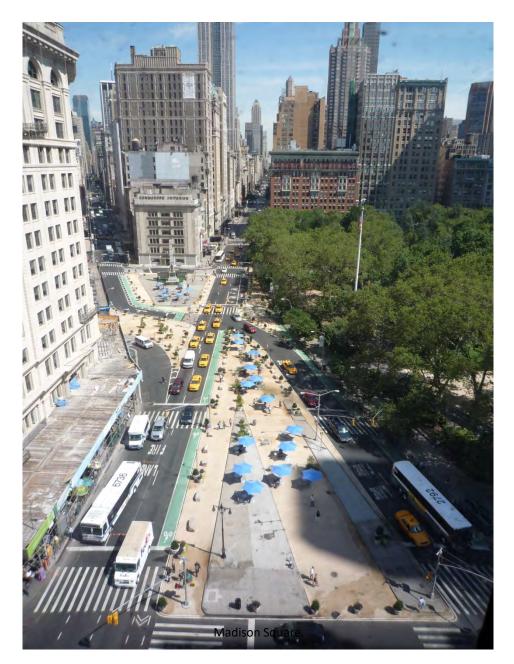
### Herald Square - before



### Herald Square - after

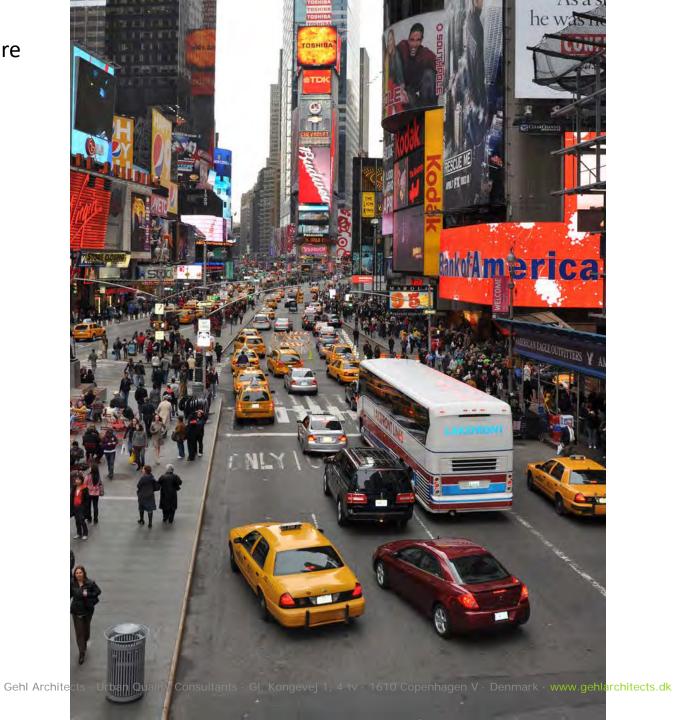






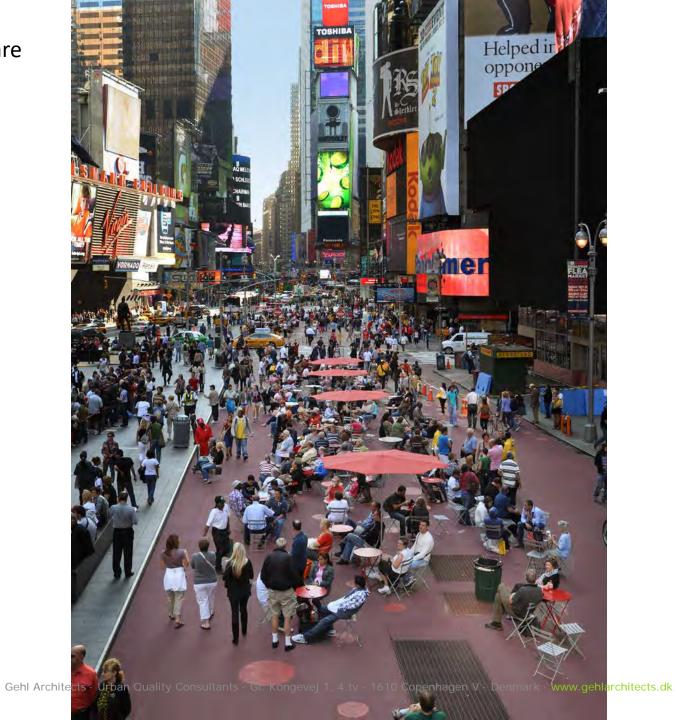
Madison Square Park- after

# Times Square - before





Times Square - after





## A place more accessible for all









## Opportunities to meet and interact









# Opportunities for fun and entertainment

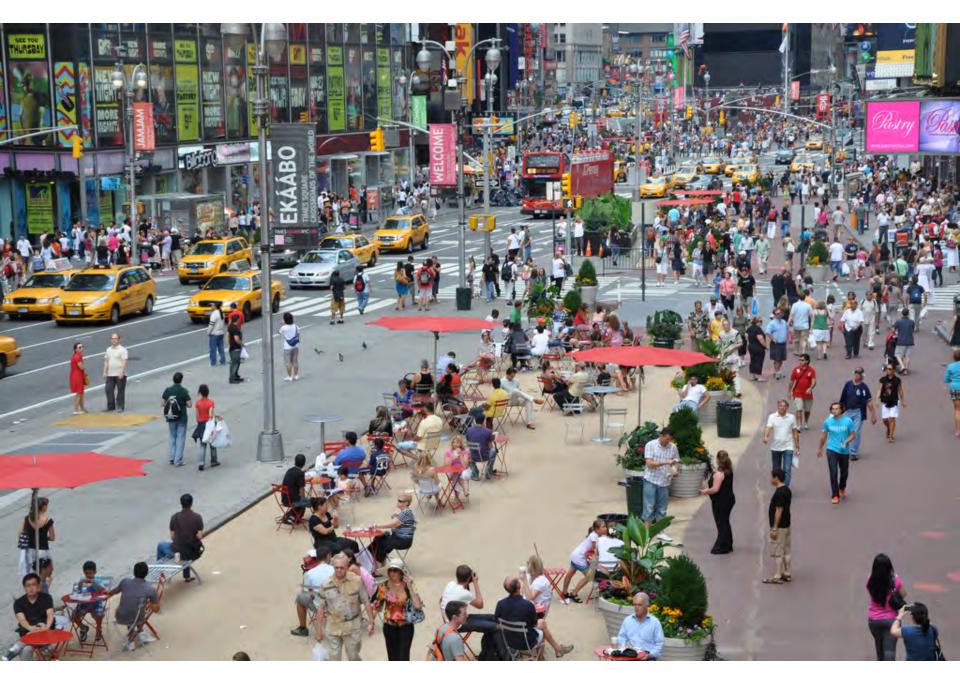




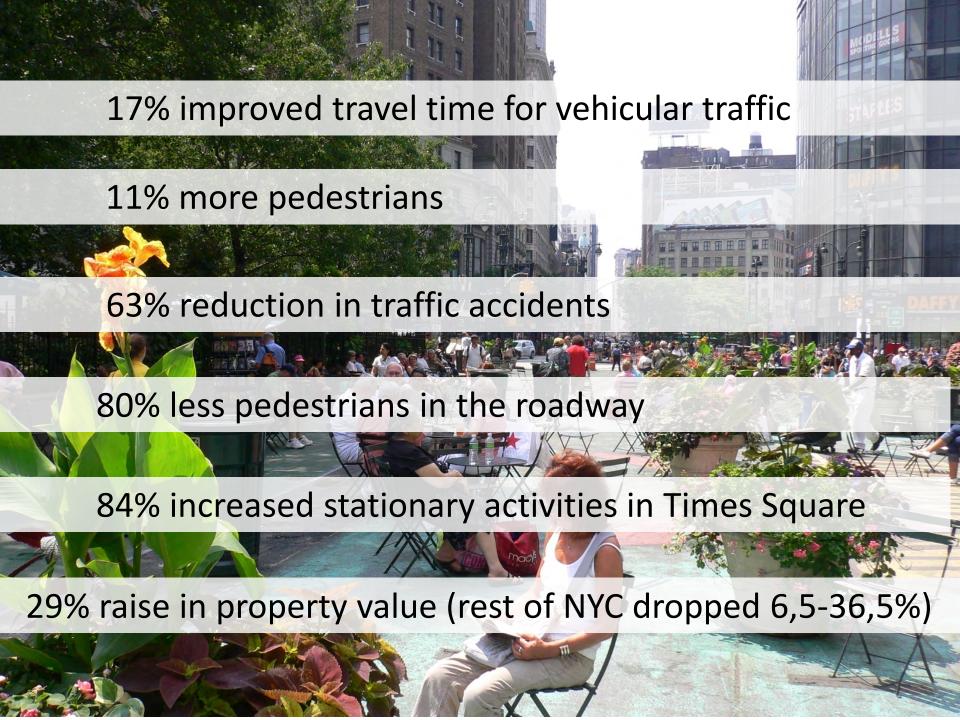
January 2010

# Green Light for Midtown Evaluation Report



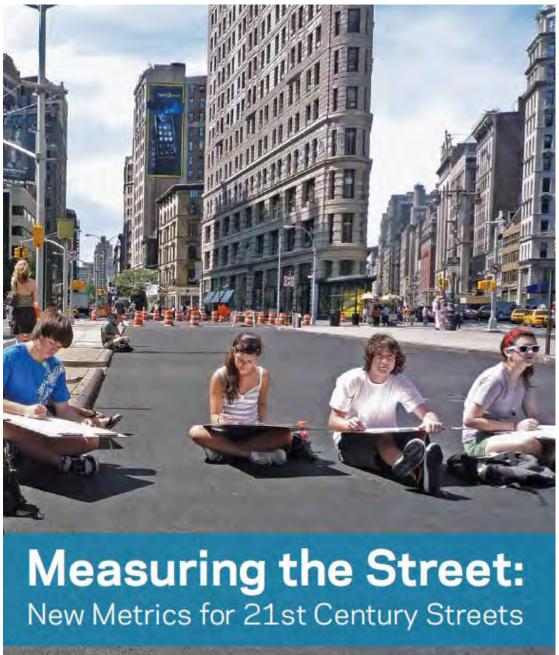


Times Square - after

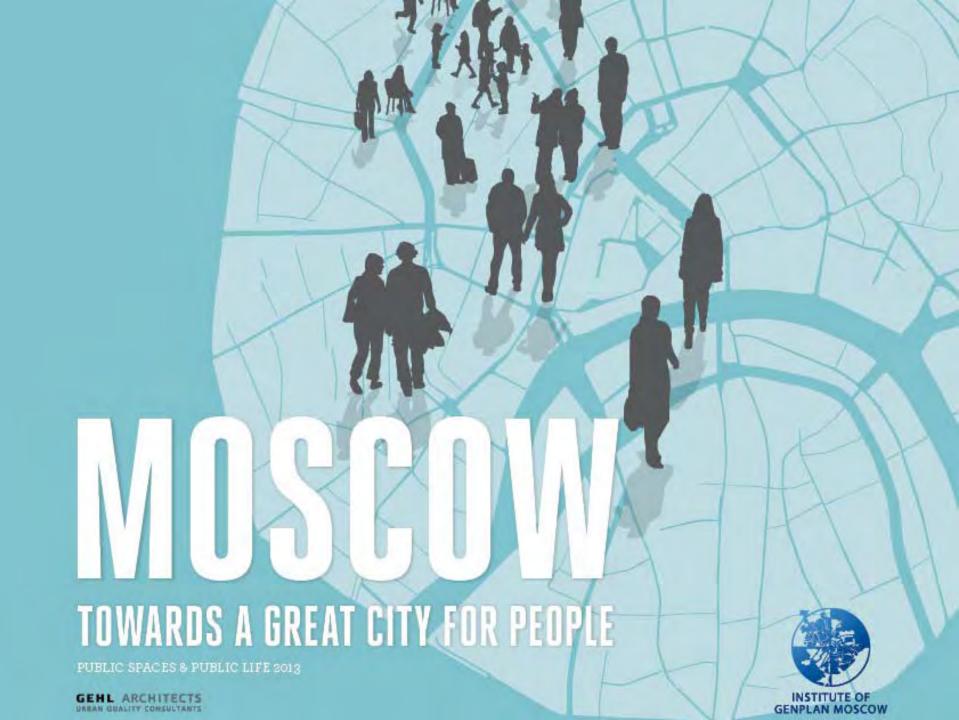


# "In God we trust. Everyone else bring data!!"

former Mayor Michael Bloomberg

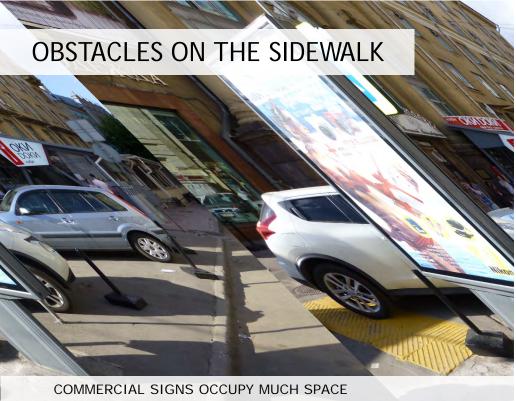






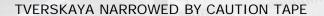


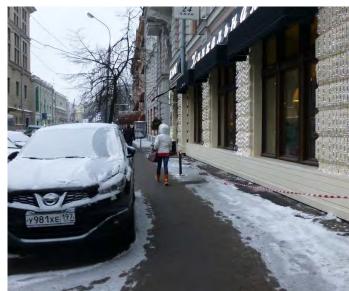








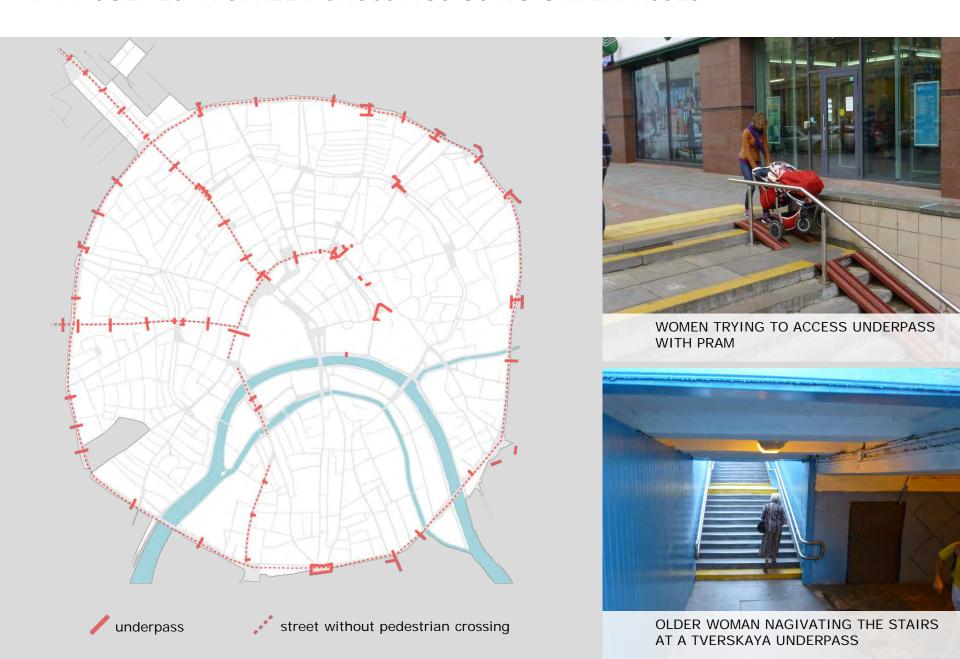




SNOW AND ICE NARROWS SIDEWALKS



#### DIFFICULTIES IN STREET CROSSINGS USING UNDERPASSES







NO SERVICE OR ACCESSABILITY FOR THE ELDERLY



LITTLE ACCESSABILITY FOR PRAMS



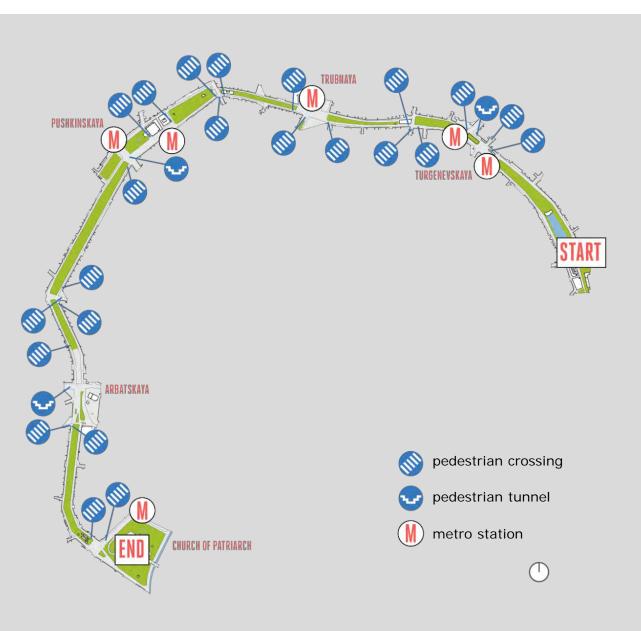
### LACK OF STREET TREES MAKE A GREY CITY







### DIFFICULTIES WALKING ON THE BOULEVARD RING

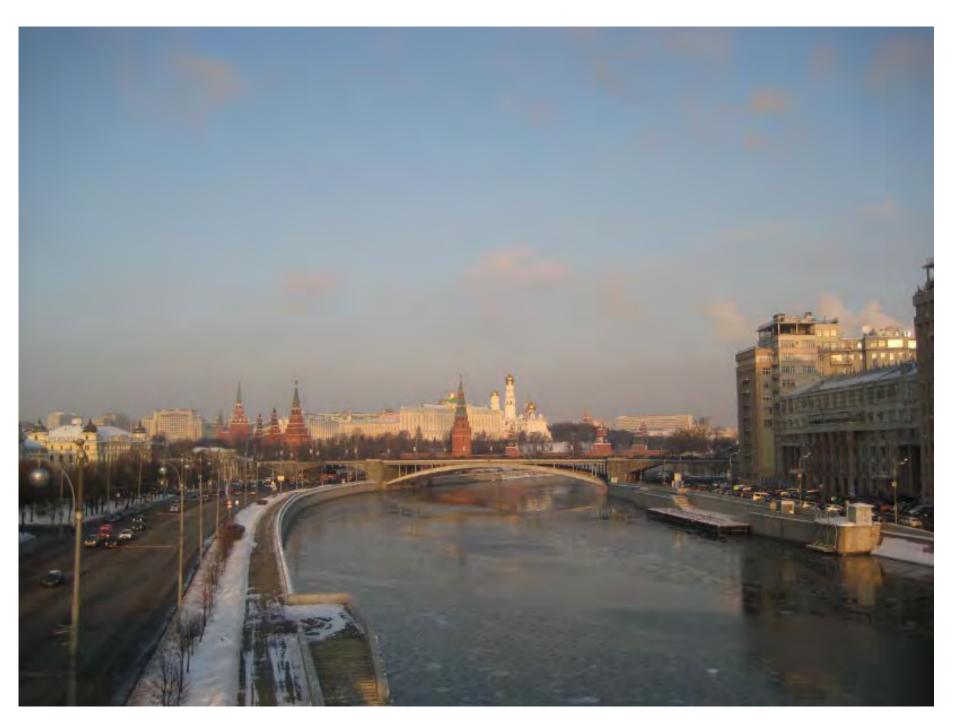


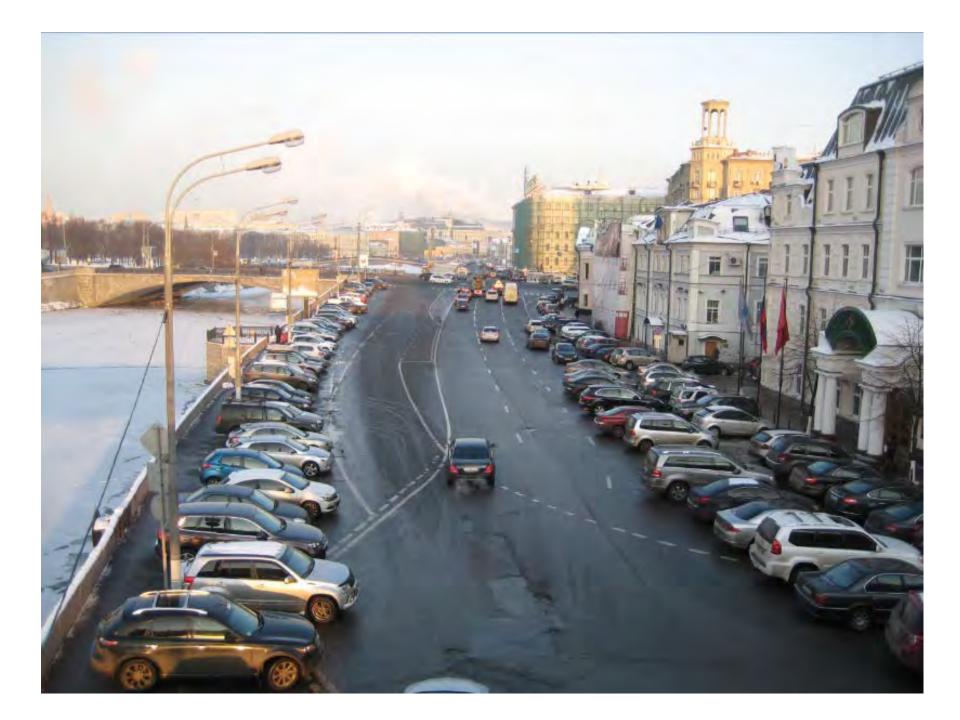






83% AVERAGE COVERAGE OF BENCHES IN ALEXANDROVSKY SAD ON A SATURDAY IN JULY









Moscow Improvement Project, on Public Exibition Oct 2013



## Tverskaya, Main Street, Moscow





**December 2011** 

**July 2013** 







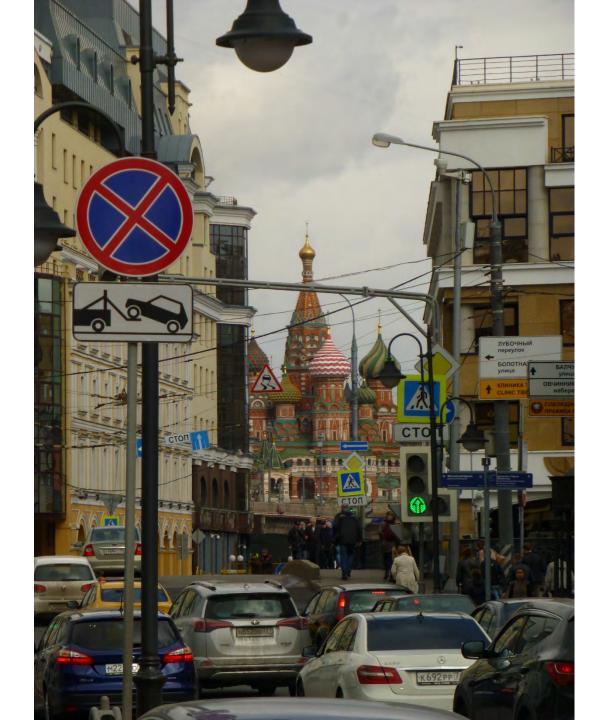








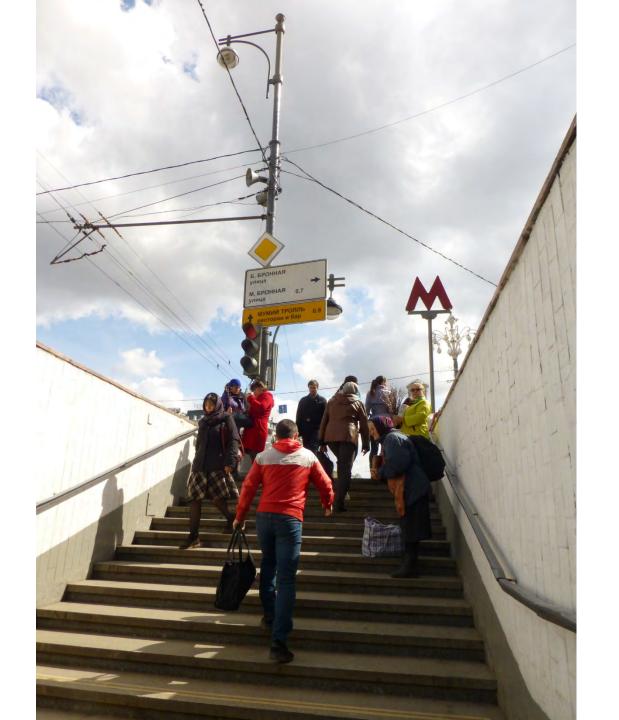










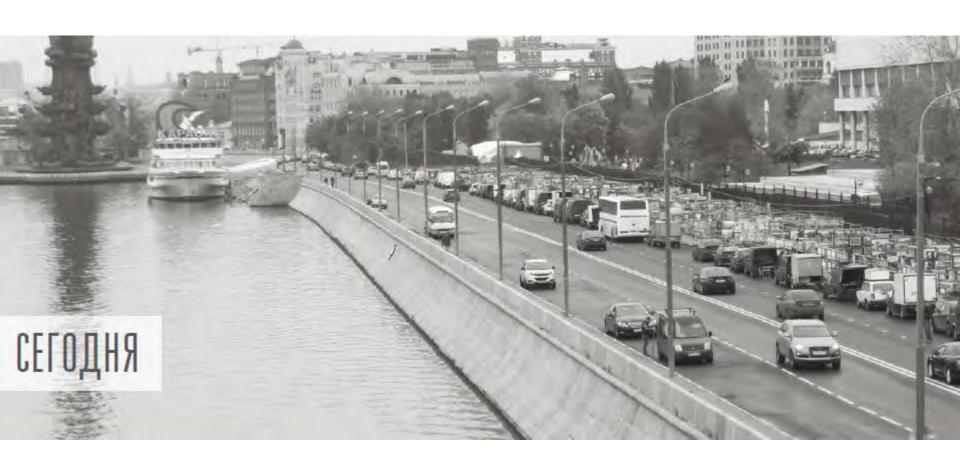






















# THE ROUTE TO A LIVEABLE CITY



These days, Moscow, which let us remember, is one of the major cities in the world, is developing fast. The goals and direction of its development formed the focal point of the discussions at the Moscow Urban Forum. This annual event was held for the second time in 2012. It has become an important, established platform where government officials, members of the business community, and respected experts can hold productive discussions. The central theme of this Second Moscow Urban Forum — "The Megacity on a Human Scale" — is relevant not only to Moscow, but also to many of the world's other large cities.

Moscow's rapid development in the private business sector, which began in the 1990s and continued through the first decade of this century, has, unfortunately, not been accompanied by a similar development in the infrastructure and public environment. The Muscovites themselves were the first to feel this imbalance. The urban community has made it clear that the ideology behind the development of the metropolis must change. Instead of creating isolated islands of wealth and prosperity in the city, it is essential that this high quality of living be spread throughout the city as a whole.

By incorporating new territories, Moscow has more than doubled its size. This unprecedented step grants the city exceptional possibilities in solving its accumulated problems and for accessing its future development and longterm growth. These newly incorporated territories are the ideal locations for alternative and additional clusters of employment with centres for education, scientific research, sports and health care. On a cautionary note, however, these new territories must not be seen as an absolute panacea. The "old" Moscow contains many "hidden" opportunities that will be revealed only if the right decisions are made.

A prime example of such a decision is the new approach to solving modern Moscow's most complex problem, the transport infrastructure. To avoid impending gridlock, the city government has had to implement some tough measures. We revised our existing investor relations and terminated the contracts for the construction of a total of about 9 million square metres of floor space. Had we not, the traffic situation would have worsened considerably. All contracts were revoked reasonably, in good faith and the investors were reimbursed for their incurred costs. This permitted us to maintain and increase our previous levels of investment. As a result, investments in Moscow in 2012 increased by about 8.5 per cent. This is a tangible result of actions taken for the benefit of the city and a most acceptable one for investors.

We focused the city's own resources, public money, on the development of the underground, the railways, the ground public transport and the road infrastructure. The budget for

Moscow's transport infrastructure development programme for 2012–2016 is 2 trillion roubles.

Our first priority is the development of the Moscow Metro. In 10 years time, the length of the underground lines will be extended by 1.5 times - from 300 to 450 kilometres. The second priority is the development of a suburban railway service. The reconstruction of the Small Ring Railway has begun so that it may, for the first time, incorporate passenger traffic. The radial railway lines will be reconstructed inside the city and also at a distance of 10-15 kilometres from its borders where the railways are most crucial. In just two years we have radically upgraded Moscow Transportation Authority's ageing fleet, which is the main carrier transporting passengers over land. We've developed large-scale programmes for road building and for reconstructing the city's major outbound routes and are already turning these programmes into a reality. Most notably and for the first time in the history of our relationship with both the Moscow Region and Russia's Ministry of Transport, we have managed to synchronize the work in the reconstruction of federal roads outside the city.

The modernization of the transport system is just one of 16 government programmes for Moscow's development up to 2016. Other equally ambitious programmes are being implemented in the fields of healthcare, education, culture, the improvement of public spaces, and the creation of a mod-

ern system for the delivery of public services. People can now access information and monitor the progress of these programmes easily. As a result, the city's budget is open and transparent. Step by step we are beginning to receive feedback from the public. To this end, online portals have been created where every citizen can submit a request, comment or complaint about the city's services. The checklist of accepted complaints and suggestions is under constant review. Issues so far included are the cleaning and maintenance of communal hallways, the redecoration and maintenance of houses, road maintenance, the performance quality of health centres and so on. This feedback system allows us to overcome one of the main problems of any big city — the perceived gulf between the government and the public.

Our main goal is to transform Moscow into a liveable city. I believe that our experiences of such large-scale work could be useful to other major cities and to our colleagues in Russia's regions. We are willing to share our experiences and to learn from our colleagues and partners. The purpose of this Moscow Urban Forum is to promote constructive dialogue and practical cooperation between countries, regions and cities.

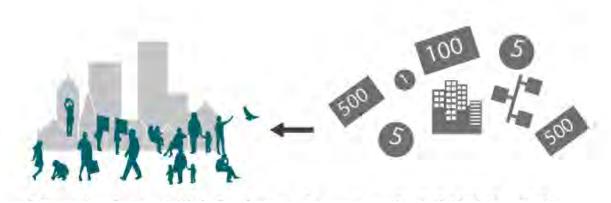
SERGEI SOBYANIN, THE MAYOR OF MOSCOW

2 UMBAN FORDIN MORATINE + 2013

#### From City of Industry to City of Knowledge



BEFORE: The industries would attract the workforce and the capital. The modernistic city model was developed following this principle.



NOW: The workforce is attracted by places offering a high quality of life. The workplaces and the capital go where the skilled workforce is. This is the knowledge city.

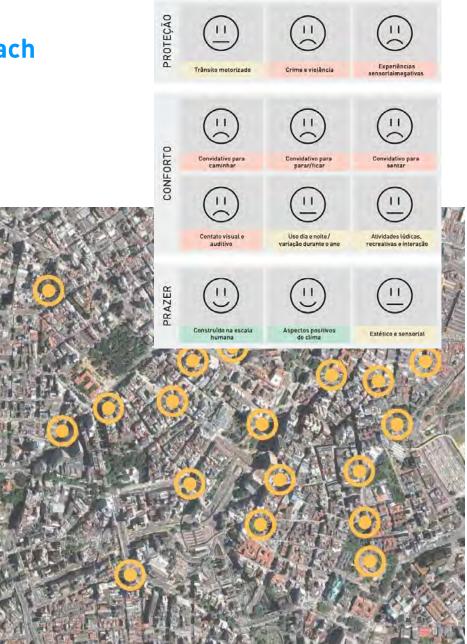


#### Workshops

- Local anchoring and public outreach







#### On site

- Local anchoring and public outreach









#### 4 pilot project sites in São Paulo city centre



Largo Paissandú & Avenida São João







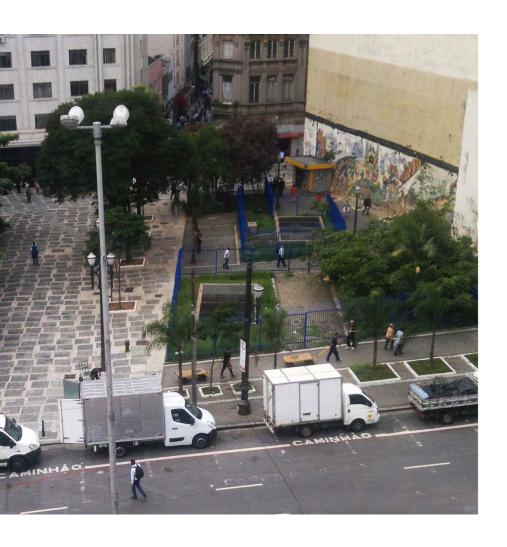
Rua 25 de Março

Pateo do Collegio & Rua Roberto Simonsen



## Largo São Francisco

#### - Before







Key findings - before

Not a plaza but parking, ventilation and 'pass through' area

Little activity despite many potential users in the area. University with 3360 students

Perceived as unsafe, little nighttime activity

Poor connection between Largo São Francisco and Praça Ouvidor Pacheco e Silva – causing jaywalking

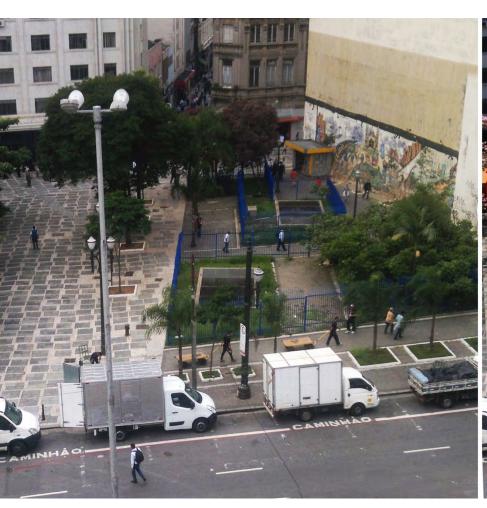
### Largo São Francisco and Praça Ouvidor e Silva

- Before and after



### Largo São Francisco and Praça Ouvidor e Silva

- Before and after





## Largo São Francisco and Praça Ouvidor e Silva

- Before



# Largo São Francisco and Praça Ouvidor e Silva - After





# Largo São Francisco and Praça Ouvidor e Silva – everyday activity





Lunch break, rest under the shade - Free WIFI

# Largo São Francisco and Praça Ouvidor e Silva – everyday activity



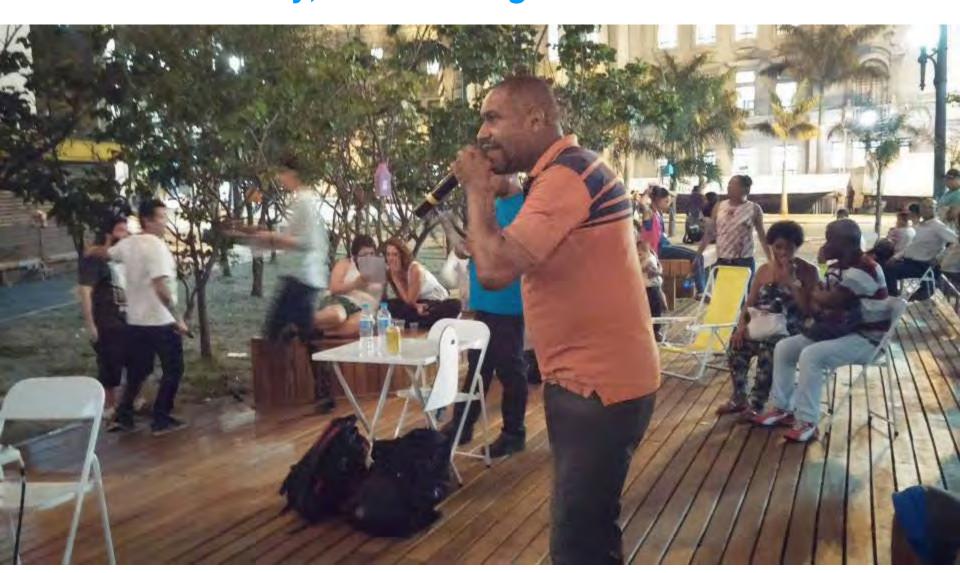
#### Event calendar and public outreach





Right; event calendar Left; after-survey and interview team

# Largo São Francisco and Praça Ouvidor e Silva – event activity, Karoke Night

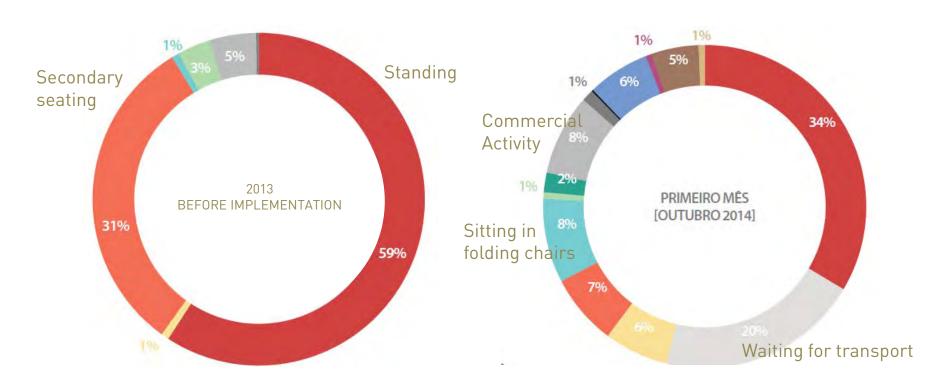


# ... and active, vibrant square with both day and evening activity for all



#### More users and a more diverse use

- Key findings, Before and After



Majority is people standing
Seating is limited to secondary seating

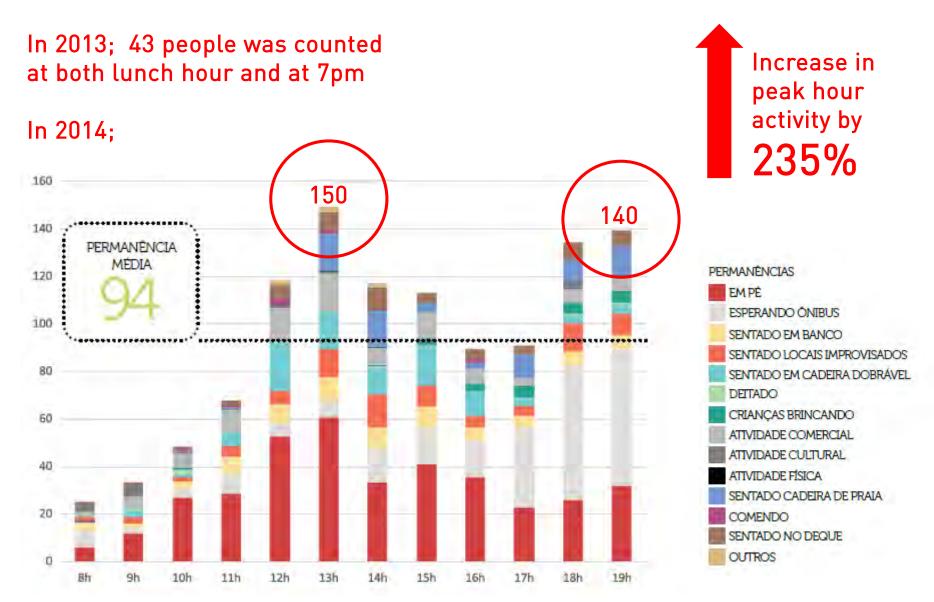
80% Increase in people spending time

More commercial activity

Folding chairs are popular

#### Peak at lunch and high activity level after 6pm

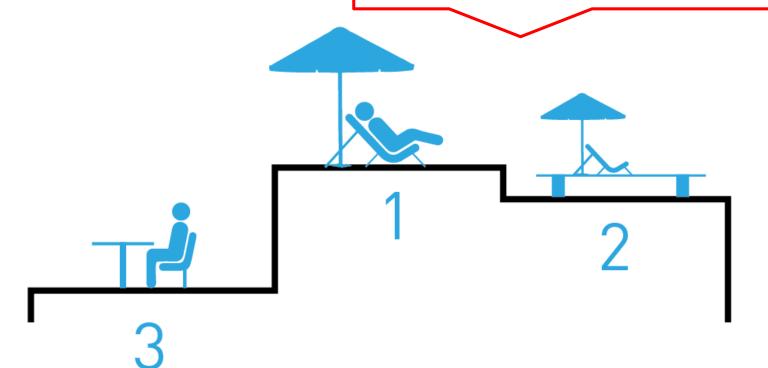
- Key findings, after implementation



#### What people liked most - hardware

- Public outreach

When asked about what new elements in the square people liked the most - 62% of the responses was in favor of the deck chairs and umbrellas

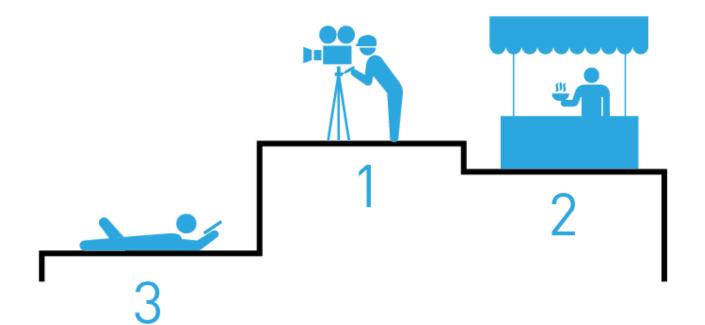




#### What people liked most - software

- Public outreach

Of the many activities hosted in the new square - 22% of interviewed especially favored the film screenings



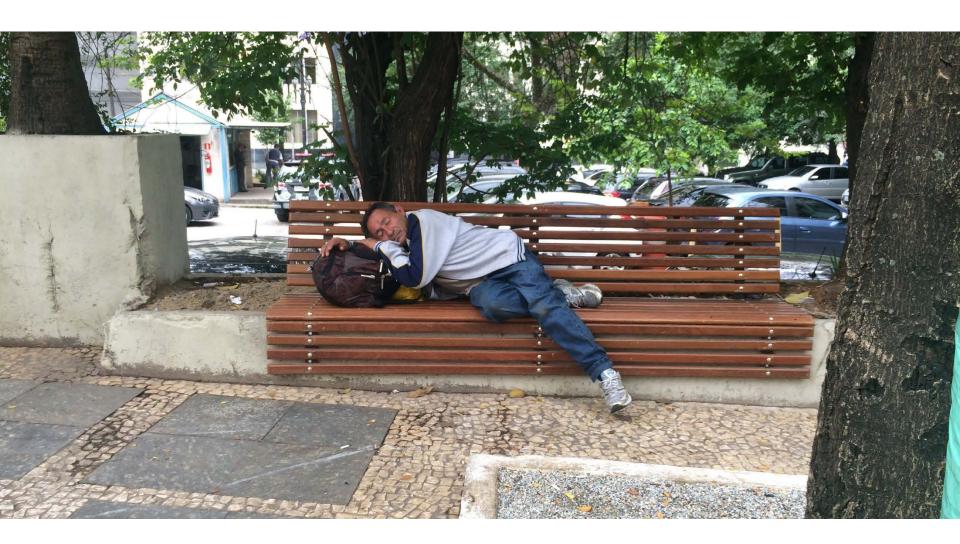


## **Opening party**

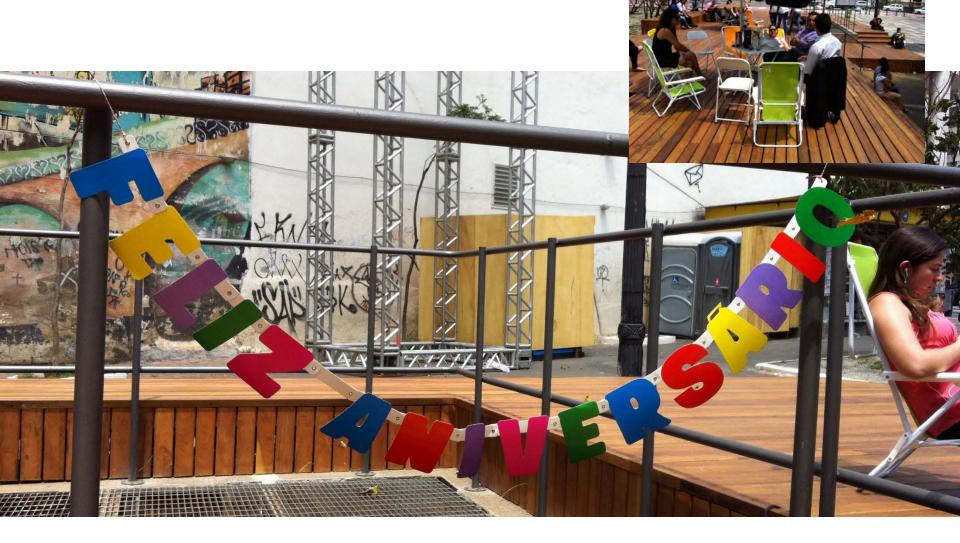
- "Feirinha Gastronômica"



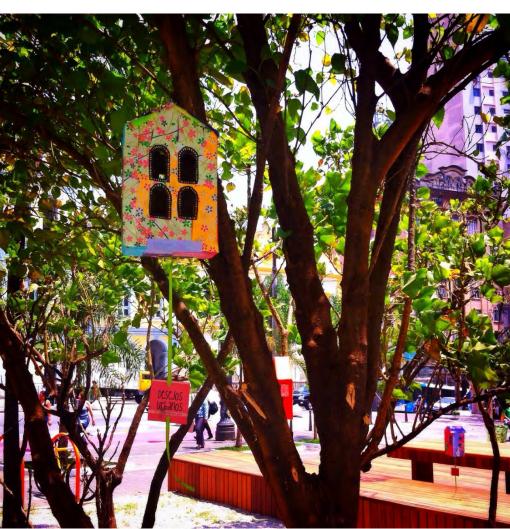




Without pushing the existing users out Space for all







**Artist installations** 





Social media #praiapaulistana #praiaurbana #spbeach

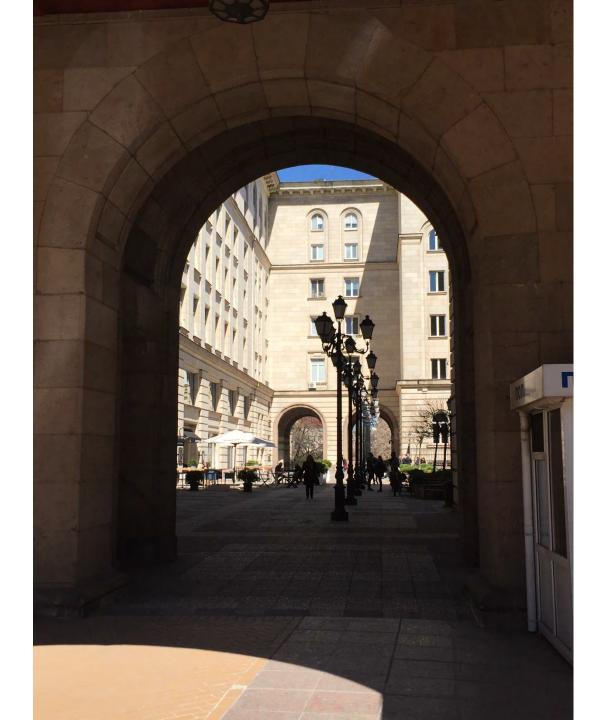
# "There is so much more to walking than just walking" - Jan Gehl





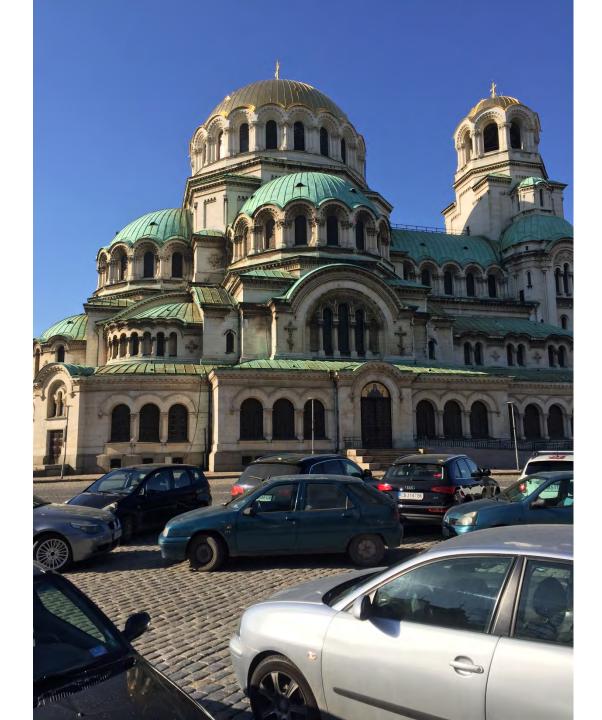
















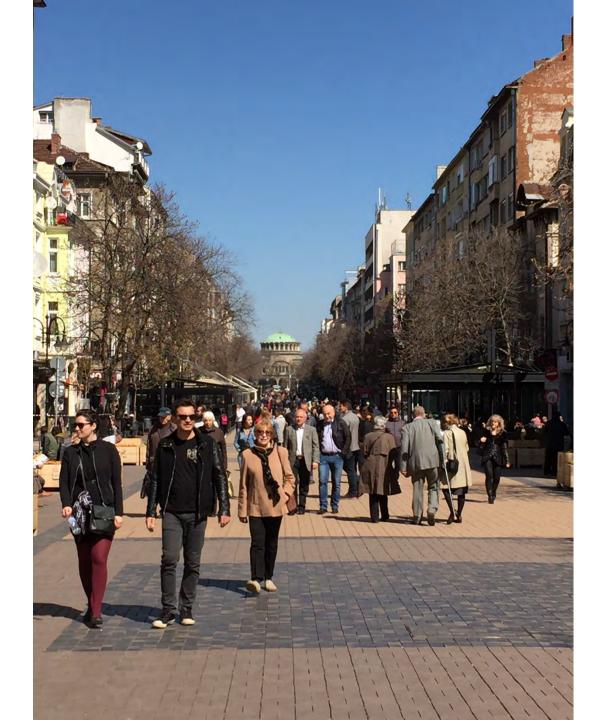










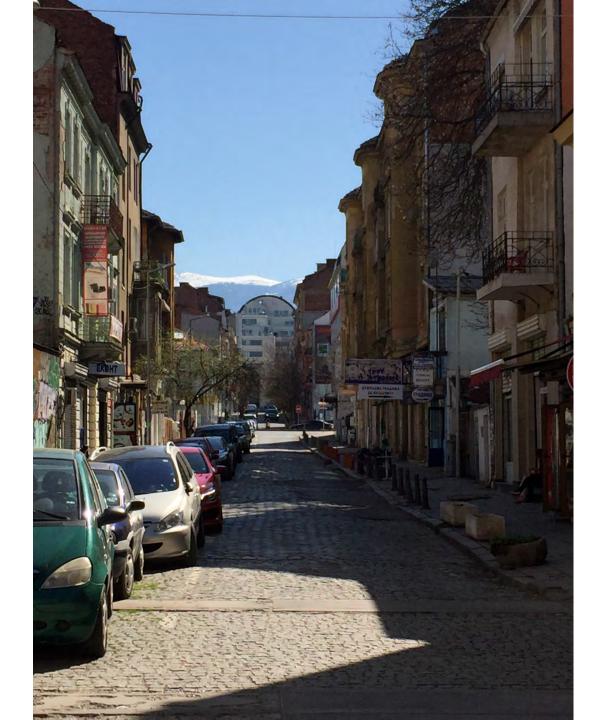










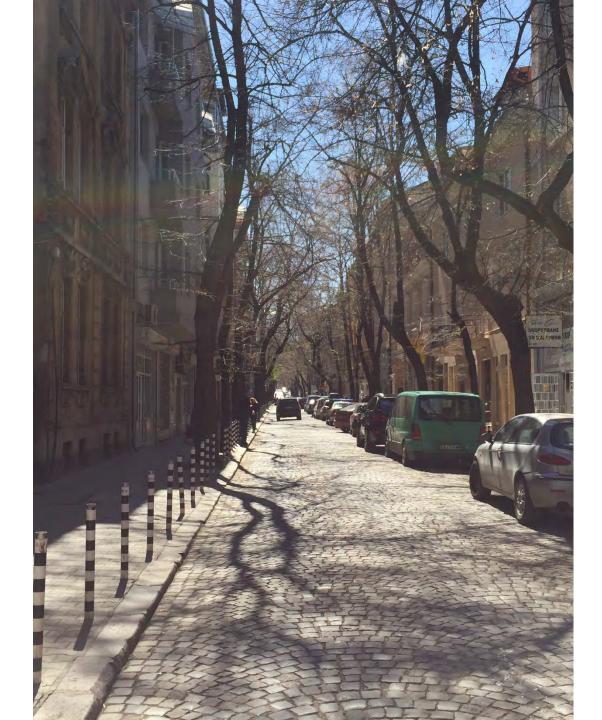




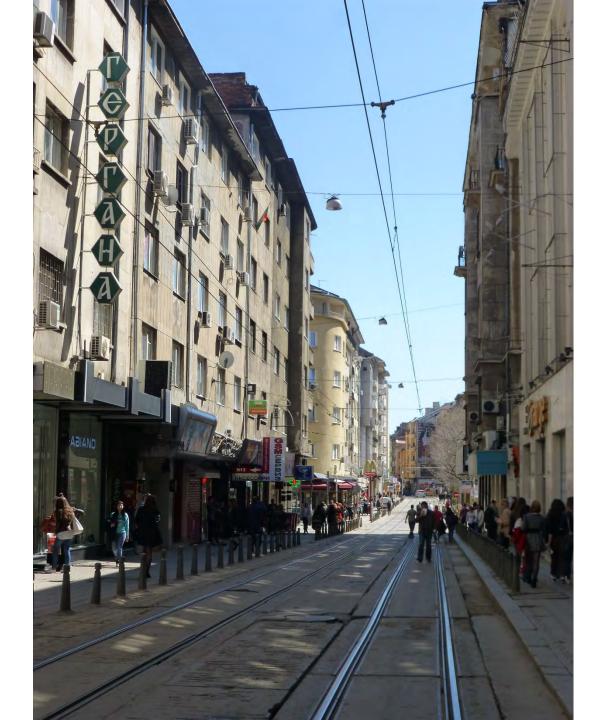


























# **Mobility**

### Pedestrian environment

- How are walking conditions for pedestrians? (discuss, describe & take photos)
- Do people feel safe from traffic? (discuss & describe)
- . Where is it pleasant to walk along and where not? (discuss, draw pleasant & unpleasant to walk on map)
- . Are the distances walkable? (discuss, 5 min test walks and map how far you get)

## Bicycle environment

- . Bicycle network Is it well connected, are they any missing gaps? (discuss, map, take photos)
- Conditions for bicycling Safety from traffic? Dedicated lanes? Coherent system? (discuss, map, take photos)
- Parking your bike Enough facilities? Are they located conveniently? Are they safe from theft? (discuss, map, take photos)

## Public Transport System

- . How is the quality of the public transport network? (research, discuss)
- Metro & bus stops Are they well integrated in the city fabric? Are they well signed? Are there amenities close to them? Is it pleasant to wait? (discuss, take photos, map)
- . Interchanging to other modes of transport is it convenient and easy? (discuss, take photos)

## Vehicular traffic

- Car numbers & volumes (destkop research)
- . Conflict points with other transport modes & congestion where and why? (explore, map & take photos)
- Parking Where and in what forms? Is overground parking very present in the city? (destkop research, take photos, map)

# Sample Counts

- Look at a map and decide on some counting locations.
- Decide: only pedestrians, or also other modes of transport?
- . Go out and conduct the counts for 10 minutes at each location.
- Conduct the counts at different times of the day (rush hour, evening, ....)
- · Fill the numbers into the sheets and calculate to hourly
- Compare different locations & illustrate the flows on a map

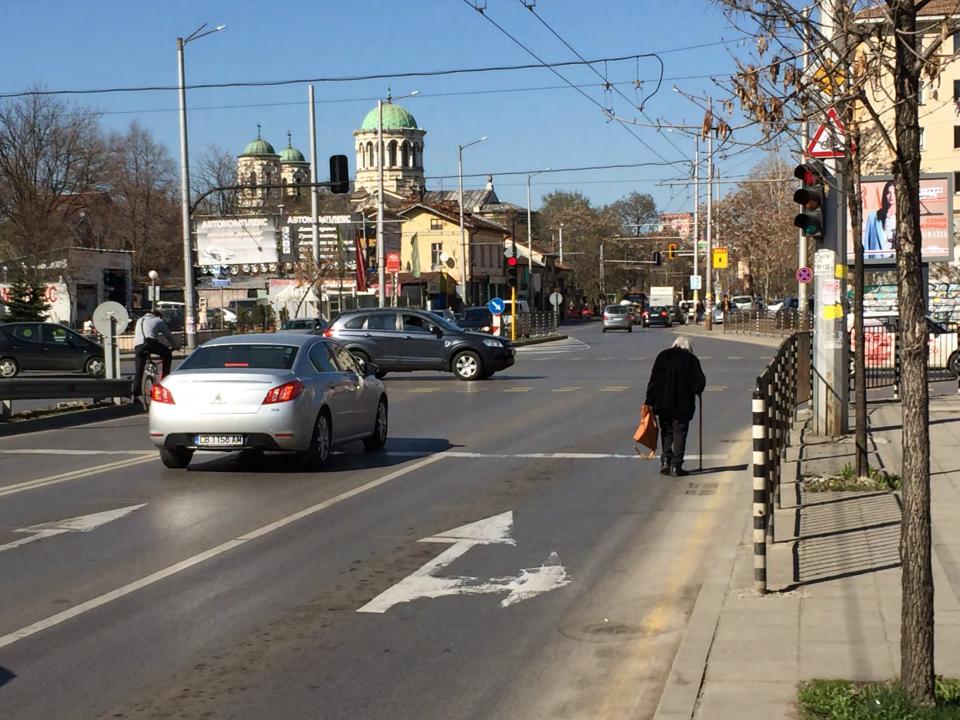
When selecting locations for your counts, coordinate with the Public Life & Public Space Quality team!







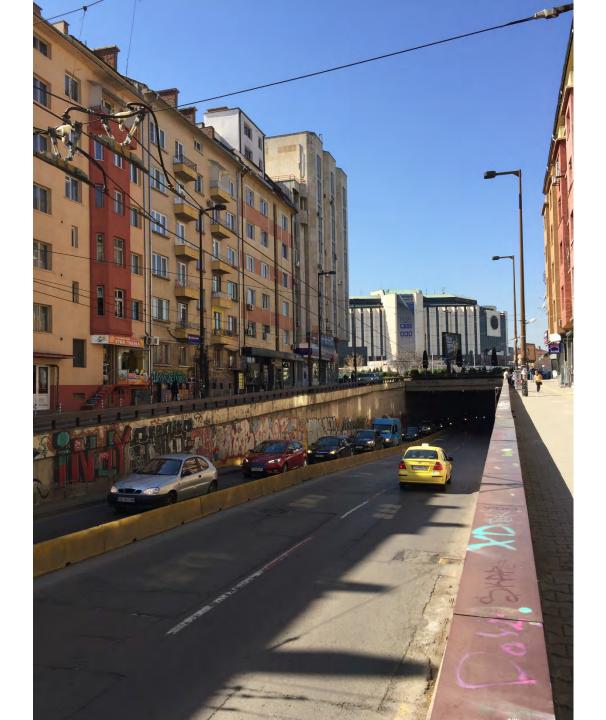






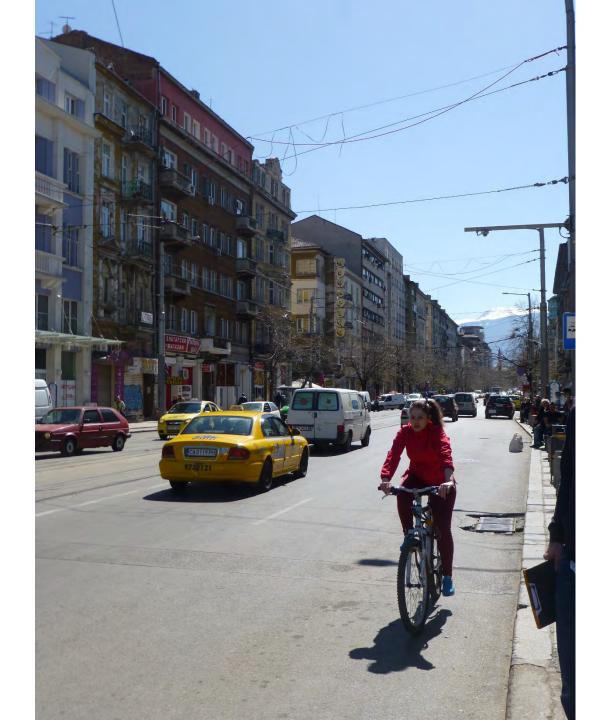
















# **Public Space Quality**

- 12 Quality Criteria
  - . Evaluation of selected sites with the set of 12 Quality Criteria
  - decide on specific locations, see instructions attached, go to locations and fill out sheers on site
- Noise Levels
  - Go our and evaluate on noise levels at selected streets and places (explore, take notes, you can also download an appl)
  - Is the noise level pleasant? Is it possible to talk? What atmosphere does it create? [discuss & take notes]
- Frontages & activation
  - Level of activation of buildings and frontages (take photos, map)
  - Facade study level of activity in ground floor zones (see instructions)
  - Eyes on the street at night [map & take notes when dark, evaluate feeting of safety]

#### Street Trees

- General: is Sofia's city center very green? [describe, take photos]
- Where are street trees located? Along certain streets? [research, GIS, map, photos]
- In which quality & form? Aligned, old characteristic trees, in groups? (photos, describe, map)

## Micro Climate

- Shelter from rain or sun [general and at selected locations: describe, map, photos]
- · Wind conditions (general and at certain locations: describe, map)
- Pleasant in winter and in summer? [discuss & describe]

When selecting the locations for your counts, coordinate with the Public Life team!

## **Paving Quality**

- · Paving material and condition. (in general & give examples of places, photos)
- General: Is it convenient for its purpose? Is it underlining the city character? [explore, discuss, describe]
- Specific: In what locations is paving good, where bad?
   [map and take photos of good & bad for example porholes, obstacles, nice paving,...]























































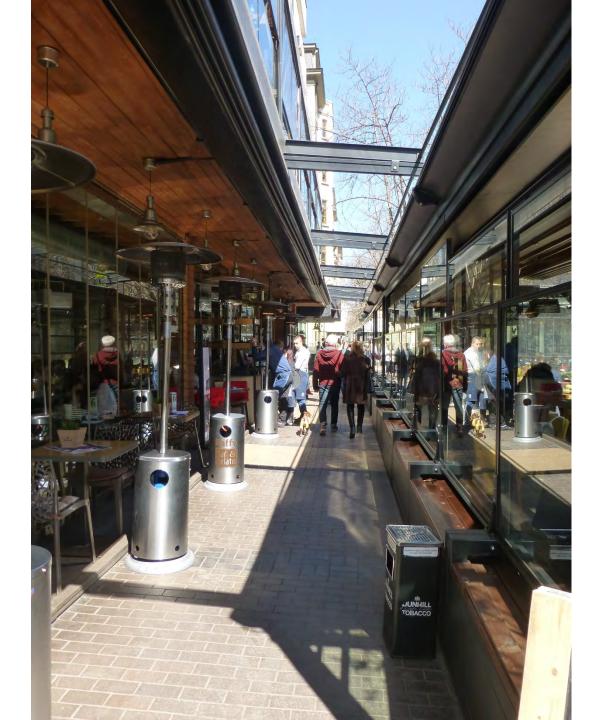


















## **Public Life**

#### **Destinations & Culture**

- · What destinations and spaces attract most people?
- Events: when and what kind of events happen in the center? Where? (discuss, research, make calendar)

## User groups

- · Reserach on demographics and user groups (desktop research)
- . What people are usually in what areas? (discuss, map)
- · Where are children, elderly, teenagers usually meeting? [map & take photos]

## Staying

- Which Public Spaces in the center attract most people? Where do people stay? What do they
  do? (discuss, map, take photos)
- · Outdoor Cafés, Benches, .. (take photos, map and describe)
- . Different times: morning, during the day, rush hour, nighttime safety, weekday/ weekend

## Staying Registrations

- . Select squares, parks and streets that you want to do registrations in.
- . Go out into the city center and conduct the counts. (see instructions & registration sheets)

## Age Groups

- What age groups are present in the city?
- · What areas attract which age groups?
- Where are playgrounds for children, meeting places for elderly and places for tourists?

## Sample Age & Gender Registrations

In places you have chosen for staying registrations you can also conduct age & gender counts.

When selecting the locations for your counts, coordinate with the Public Space Quality team!





















# Cities for People

Henriette Vamberg, Partner @ Gehl





