

15 Minute Cities

Issues of Global Urbanization

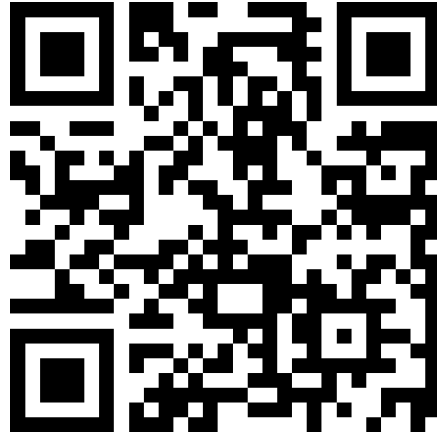
02-05-25

Vashishth Doshi

Rameen Amer

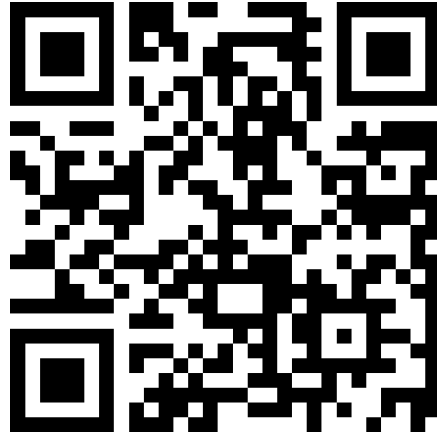
**Let's start with
you**

Q1: How long is the walk to the grocery store
(in Pittsburgh + home)?



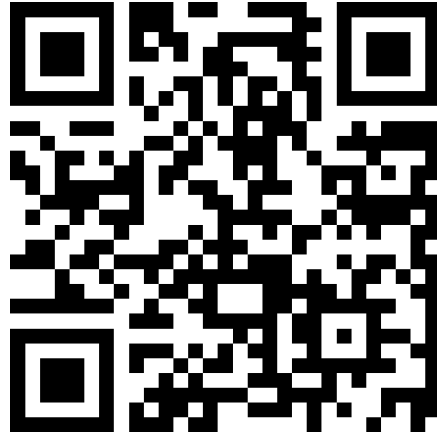
Joining Code: 1869542

Q2: How long is the car ride to work/study (in Pittsburgh + home)?



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Q3: What are some community activities you are motivated to participate in [think street fairs/.weekend markets/pop-up plays] - (in Pittsburgh + home)?



Joining Code: 1869542

PAVING THE WAY TO THE ± 15 -MINUTE CITY

Hierarchical system of urban amenities based on the neighborhood unit, many neighborhoods form the city (Perry, 1929).

Similarity with ± 15 -Minute City:
neighborhood scale

NEIGHBOURHOOD UNIT 1926



Is a theory that specifies the constraints on human activity imposed by fundamental limits on human mobility and interaction in space and time (Hägerstrand, 1970).

Similarity with ± 15 -Minute City:
daily life, travel time

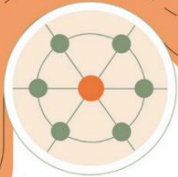
TIME GEOGRAPHY 1970



Reorganize an area functionally around public transit options (Calthorpe, 1993).

Similarity with ± 15 -Minute City:
pedestrian friendliness, high density, mixed land use

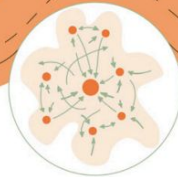
TRANSIT ORIENTED DEVELOPMENT (TOD) 1993



1898 GARDEN CITY

Balance between urban concentration, rural areas and nature (Howard, 1902; Marchigiani & Bonfantini, 2022).

Similarity with ± 15 -Minute City: close proximity to services



1945 POLYCENTRIC CITY

Cities has multiple growth nuclei around which growth take place (Harris and Ullman, 1945).

Similarity with ± 15 -Minute City:
polycentric cities, even distribution of services



1979 NEW URBANISM

Distribution of workplaces, stores, schools, parks and all facilities essential to the daily lives of residents, all located within easy walking distance in a compact and diverse manner (Davis, 1979).

Similarity with ± 15 -Minute City:
neighborhood level, services access at walking distance

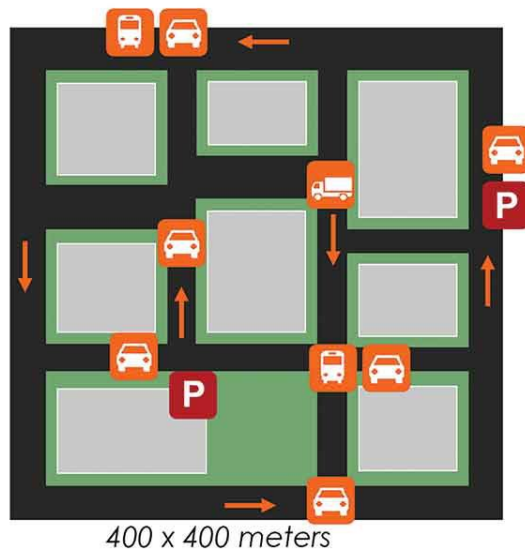
1997 CHRONOURBANISM

Time based urban planning (Asher, 1997).

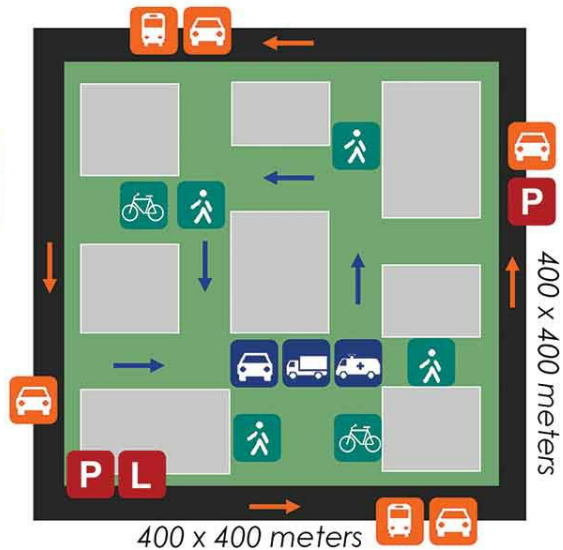
Similarity with ± 15 -Minute City:
daily life, travel time

Supermanzanas Plan, **BARCELONA**

CURRENT MODEL



SUPERMANZANA MODEL

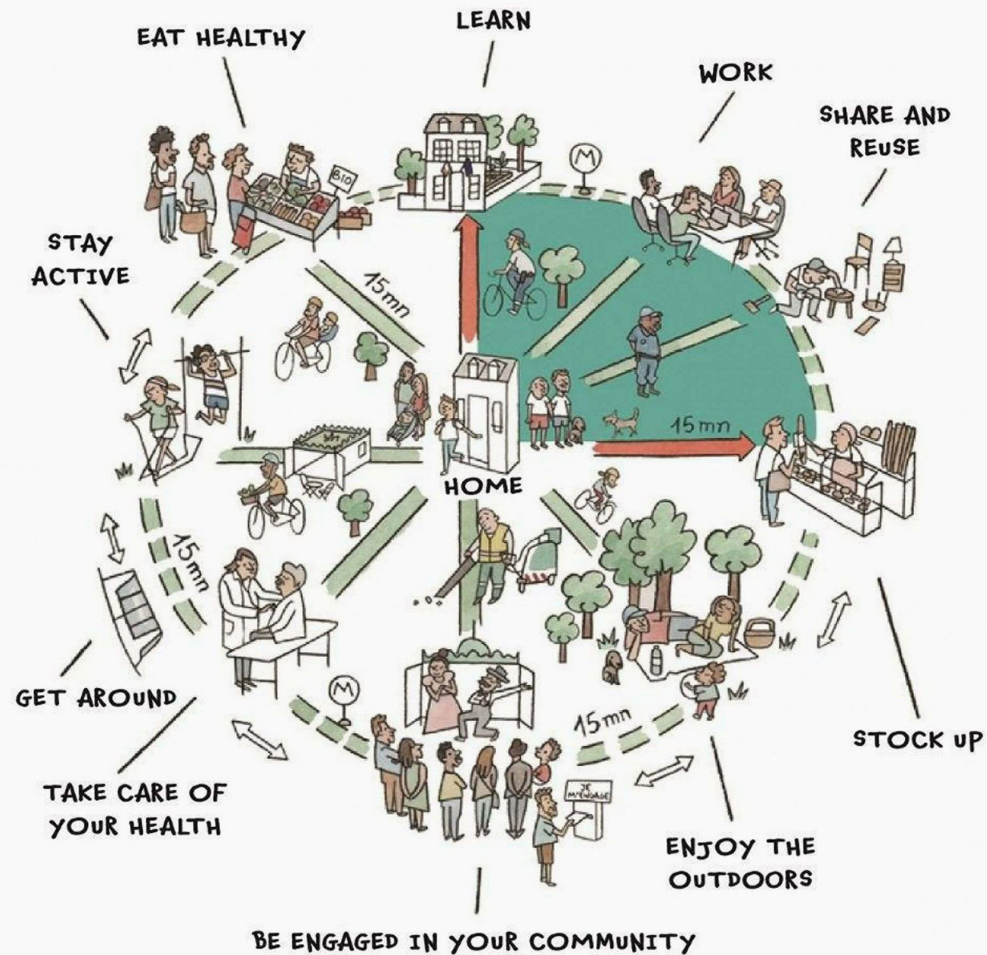


- Road for motorized transport
- Road for pedestrians and other uses (single section)

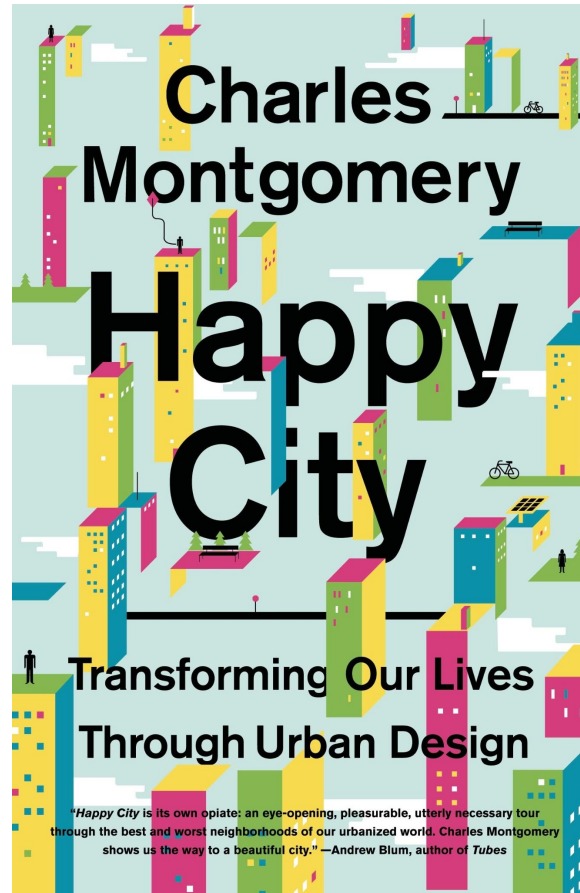
- Passing-through vehicles and public transport
- Resident vehicles, loading and unloading, emergencies
- Parking and logistic platform
- Pedestrian and bicycle traffic

- Main network
- Inner streets

Paris,
FRANCE



**Can you think of any
15 minute cities?**



FREEDOM
IN THE CITY

FREEDOM TO

FREEDOM TO MOVE

FREEDOM TO WALK

FREEDOM TO SHARE

FREEDOM OF SPEECH

**FREEDOM TO SET UP
SHOP**

**INDIVIDUAL
FREEDOM
VS
COLLECTIVE
FREEDOM**

FREEDOM OR...

CONFINEMENT?

**15 MINUTE
PRISON CITIES?**



**RESTRICTING
MOVEMENT?**

IS IT A
GOVERNMENT
AGENDA?




THE '15 MINUTE
W.E.F. GHETTOS
ARE NOT ABOUT
CLIMATE, IT'S
TYRANICAL
CONTROL!

We are 1 of the most
watched regions on the Planet
SO WHY DID 200,000
CHILDREN DISAPPEAR
OVER LOCKDOWN??
SPECIAL SERVICES COURTS

**HAS LED TO PUBLIC
DISTRUST**

PROMOTES
PREFERENTIAL
TREATMENT

Cards Against Urbanity

They now award LEED
points for _____.

Affordable housing
made completely from
pallets

Greenwashing

Empty bikeshare station

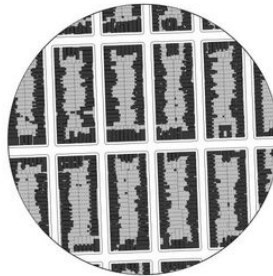
A fistful of illegal
campaign contributions

Pretending to care about
Detroit

NIMBY or Nim•by (*usu.* 'nim bi)
not in my backyard (used to refer to persons
of an institution they consider objectionable,
[1980–85])

Nim'by•ism, *n.*

**TRAINS,
TOWERS
AND TREES -
DENSITY**



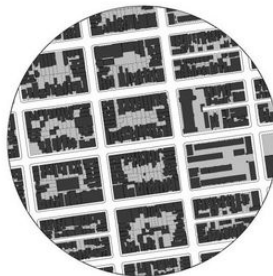
Central Richmond



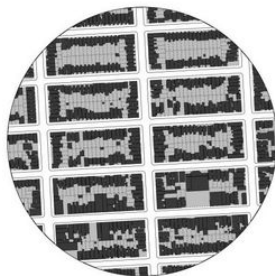
Marina



Russian Hill



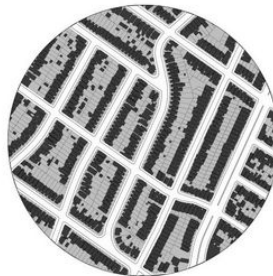
Hayes Valley



Noe Valley



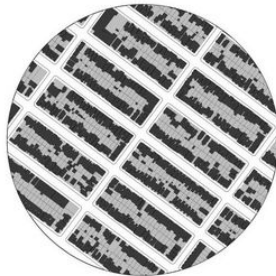
Monterey Heights



Mission Terrace



Bernal Heights South



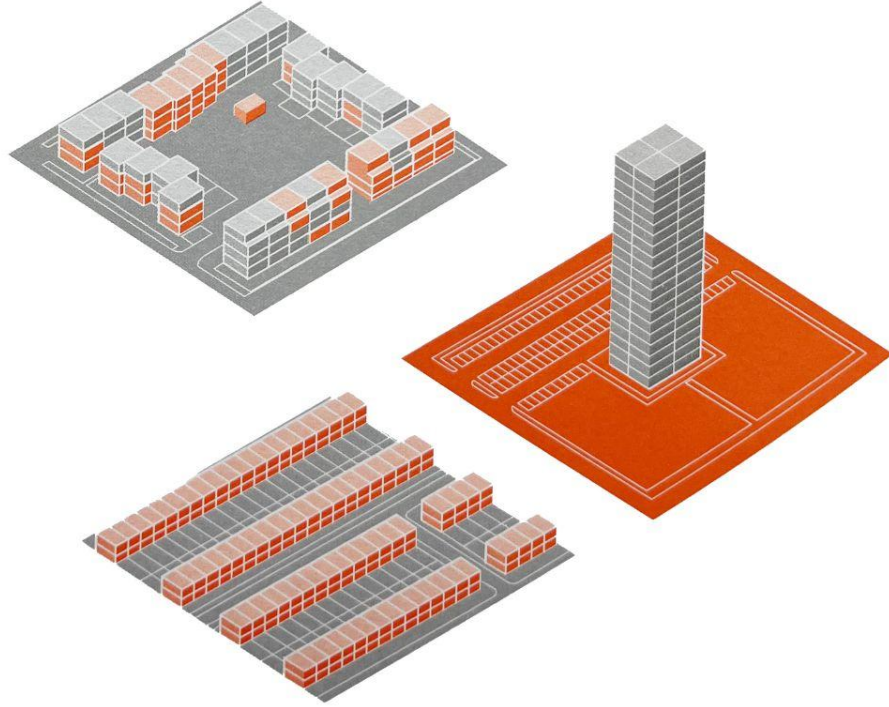
Bayview District

“There is no logic that can be superimposed on the city; people make it, and it is to them, not buildings, that we must fit our plans.”

Jane Jacobs

**DENSITY
SOLVES
SOCIAL
ISSUES**

**DENSITY
SOLVES
ENVIRONMENTAL
ISSUES**

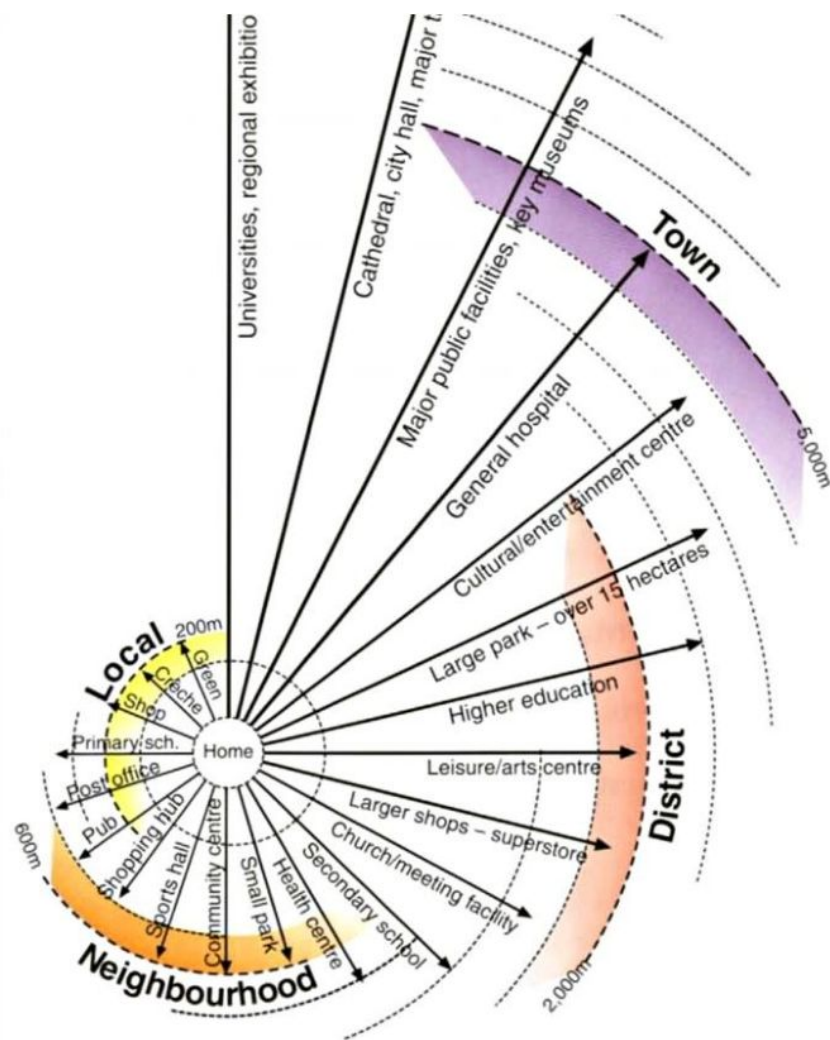


75 units - Three ways

Source: A comparative study of the morphological characteristics of residential areas in San Francisco

**DENSITY
SOLVES
ECONOMIC
ISSUES**

**DENSITY
SOLVES
INFRASTRUCTURAL
ISSUES**



**“We don’t want a plan based on land uses. We want a plan based on experiences.
Who visits downtown to see land uses?”**

Mitchell Silver