BARCELONA
Municipality of Barcelona
1.611.822 inhab - 100 km²
16.150 inhab./km²
The city: 73 neighborhoods
1,602,386 inhabitants
101.4 km² (15,802 hab/km²)

Metropolitan Area: 36 municipalities
3,225,058 inhabitants
633 km² (5,095 hab/km²)
the consequences of the model

HIGH LEVEL POLLUTION
Pollution for PM2,5

659 premature deaths

Mobility of vehicles with fuel

50% pollution

ACOUSTIC POLLUTION
53,87% population over

60-70 dBA
(limit WHO, 65 dBA)

GHG Green House Gas Effect – CLIMATE CHANGE
Increase until 4ºC

TRAFFIC ACCIDENTS

11,000 injured traffic accidents

31 deaths more incidence in motorbikes and pedestrians

INSUFFICIENT GREEN AREAS

WHO 9,2m2/h
Barcelona 6,6 m2/h.

Eixample 1,85 m2/h . Gracia 3,15 m2/h
THIS IS NOT A DRILL

CLIMATE EMERGENCY DECLARATION
15TH JANUARY, 2020
BARCELONA
The challenges for a new urban model

Global Scale

Urban /Metropolitan scale

Human scale
NEW URBAN MODEL

RE-PROGRAMMING

RECOVER PUBLIC SPACE OF QUALITY

CO2 REDUCTION

INCREASE THE VEGETATION

+1m2 X CITIZEN

ROADS PACIFICATION

WALK

SUSTAINABLE MOBILITY

- ATMOSPHERIC AND ACOUSTIC POLLUTION
- PRIVED VEHICLE FORCED DEPENDENCY

- BICYCLE

- PUBLIC TRANSPORT (URBAN & METROPOLITAN)
Re-programming
Barcelona

Nature
Proximity
Collaboration
SUPERBLOCK BARCELONA

NEW URBAN MODEL

PLAN FOR PLAY

LET’S PROTECT THE SCHOOLS
Superblock’s model
Superblocks 2015-2020
Green streets create a new environmental infrastructure, where pedestrians and areas to relax in take priority.

SCALING UP

Vision of green streets: 183,6km
Implementation in L’Eixample

- **21 green streets = 33 km**
- **21 squares = 3.9 ha**
- Increase of **33.4 ha** of pedestrian space
- **6.6 ha** of urban greenery
- **Proximity of 200m** for the entire local population.
7 criteria for designing play and leisure areas

Multiple options for creative, challenging play for healthy child development.

A diverse, stimulating, connected and accessible space.

Inclusive play areas for all ages, genders, backgrounds and abilities.

Contact with nature and greenery and exploration with sand and water.

Shared, intergenerational and collaborative play.

Place for meeting up and where the community can come together.

Recreational ecosystems and safe, play-friendly environments.
Horizon 2030.

From a city with play areas to a playable city.

10 key milestones + 63 individual actions.

Unique and appealing elements of play.

Accessibility in playground areas.

Safer and healthier school surroundings.
Nous jocs singulars

- Jardins de la Indústria (Eixample)
- Avinguda Meridiana (Sant Martí)
- Parc Central (Nou Barris)
- Plaça del Sol (Gràcia)
- Parc de la Pegaso (Sant Andreu)
Barcelona Jugable

Concurs de projectes per crear 10 àrees de joc totalment accessibles!

3 de maig de 2022. 18.00 h
Ecologia Urbana. Sala Barcelona (Diagonal, 240. 2a planta)

Gerència de l'Arquitecte en cap
Let’s Protect schools
GOALS ACHIEVED

1/3 escoles millorades

Entorns escolars executats i agendats:

- 2015-19     25 escoles
- 2020        26 escoles
- 2021        76 escoles
- 2022        85 escoles

Total a 2022    212 escoles

80.000 alumnes beneficiats

18.000 m² d’espai guanyat a l’asfalt (2020-21)

Distribució territorial

Actuacions en 60 barris: 82%
Thank you!

Barcelona 2026
UIA World Congress
UNESCO Capital of Architecture