

Co-desarrollo de Ciudades Resilientes al Cambio Climático

BECAUSE PEOPLE LEAD
(R)EVOLUTIONS

BIPOLAIRE ARQUITECTOS

INNOTRANSFER "HABITAT SOSTENIBLE"
4 NOVIEMBRE 2020



Temperaturas máximas registradas 30 de julio 2020

eltiempo.es

	Temp. máximas
San Sebastián Aeropuerto	43.0°C
Bilbao Aeropuerto	41.5°C
Bera, Navarra	41.5°C
Ramales de la Victoria, Cantabria	40.7°C
Irun, Gipuzkoa	40.6°C
Pamplona Aeropuerto	40.3°C



Últimas noticias del coronavirus



CARBON DIOXIDE

↑ 415 parts per million

GLOBAL TEMPERATURE

↑ 2.0 °F since 1880

ARCTIC ICE MINIMUM

↓ 13.1 percent per decade

ICE SHEETS

↓ 427 billion metric tons per year

SEA LEVEL

↑ 3.3 millimeters per year

More than 50% of the world's
population live in cities

Cities account for more than 70%
of global CO₂ emissions

Cities consume more than 66%
of the world's energy

Global Covenant cities and
local governments could
collectively reduce ...

... 17 billion tons
CO₂e by

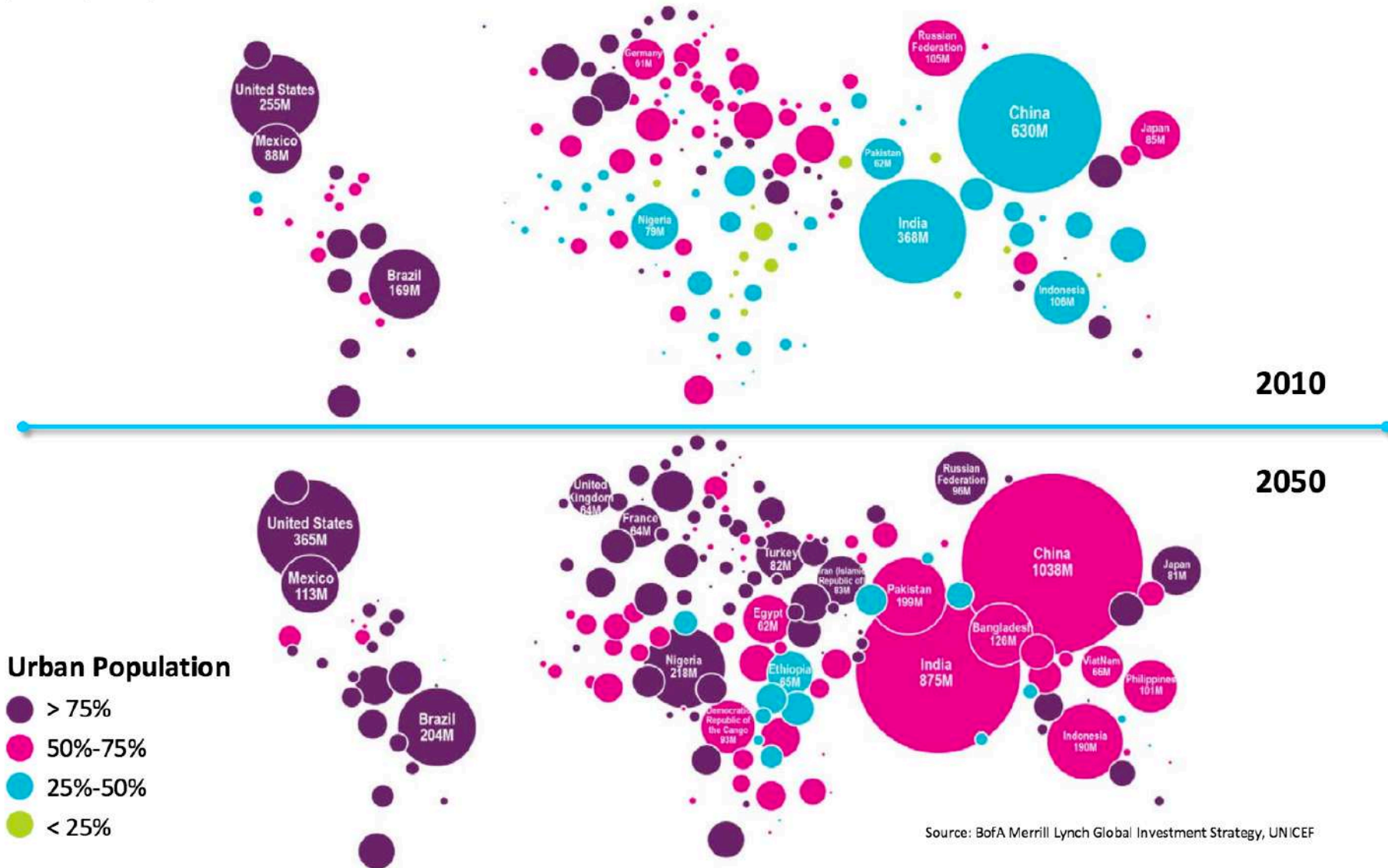
2030

... 60 billion tons
CO₂e by

2050

Urbanization

Urban population by country in 2010 and 2050



- In the next 10 years, the world's largest 600 cities will comprise nearly 65% of global growth.
- The countries with the greatest urban populations in 2050 will be China (1 bn), India (875mn), US (365mn) and Nigeria (218mn).
- Urbanization has huge investment implications for infrastructure in the next 3-4 decades.



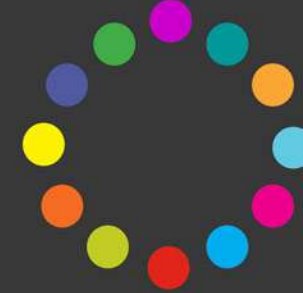
DI·VER·SI·TY

All the ways in which people differ.



EQ·UI·TY

Fair treatment, access, opportunity, and advancement for all people. One's identity cannot predict the outcome.



IN·CLU·SION

A variety of people have power, a voice, and decision-making authority.



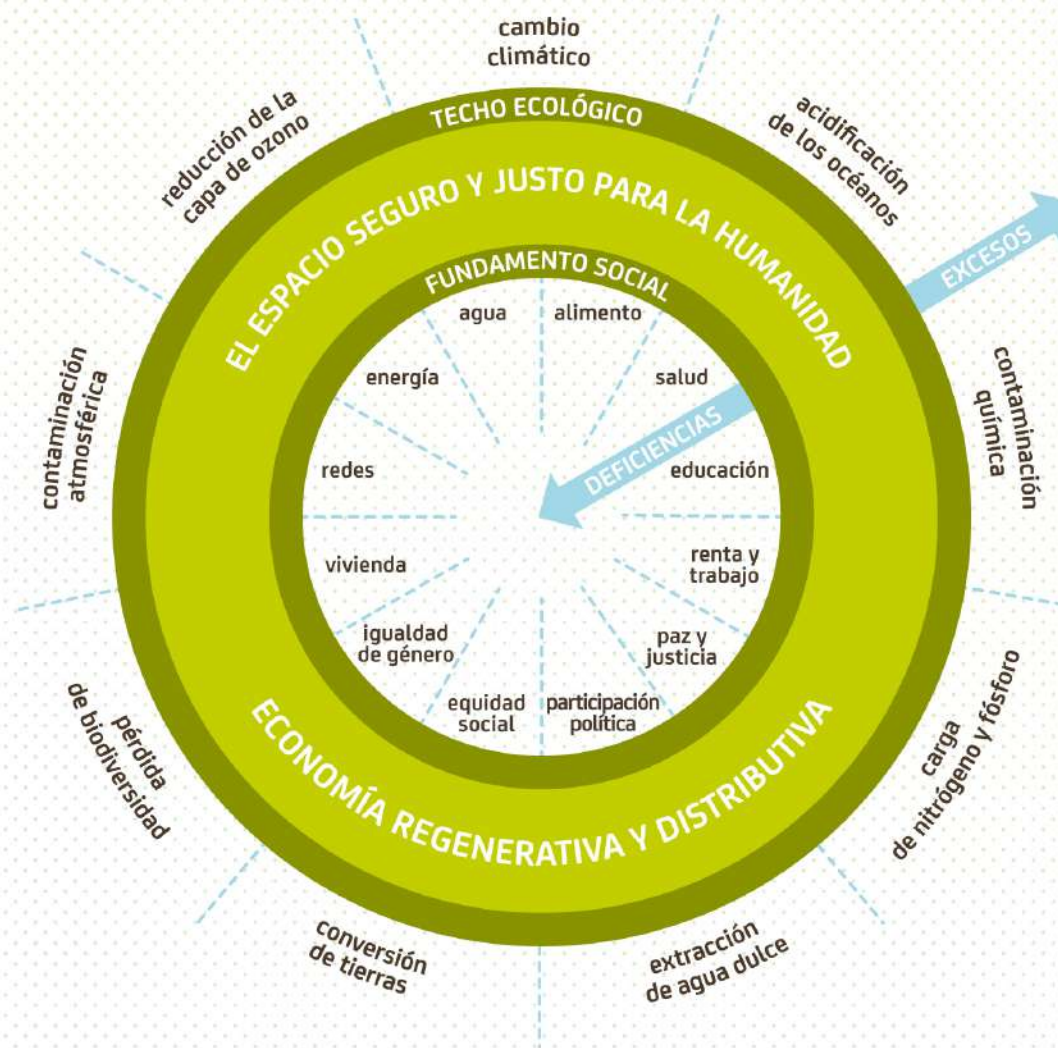


RESILIENCIA URBANA

El programa de ciudades resilientes de UN-Habitat define las ciudades resilientes como “aquellas que tienen la capacidad de recuperarse rápido de los impactos que sufre el sistema”



Propone establecer como prioridades de la economía reducir las desigualdades y garantizar la sostenibilidad medioambiental.



ECONOMÍA ROSQUILLA, Raworth, K. Paidós, 2018



SUSTAINABLE DEVELOPMENT GOALS

ACCESS MORE DATA AND INFORMATION ON THE INDICATORS AT [HTTPS://UNSTATS.UN.ORG/SDGS/REPORT/2020/](https://unstats.un.org/sdgs/report/2020/)



1. Soluciones integradas

2. Innovación constante

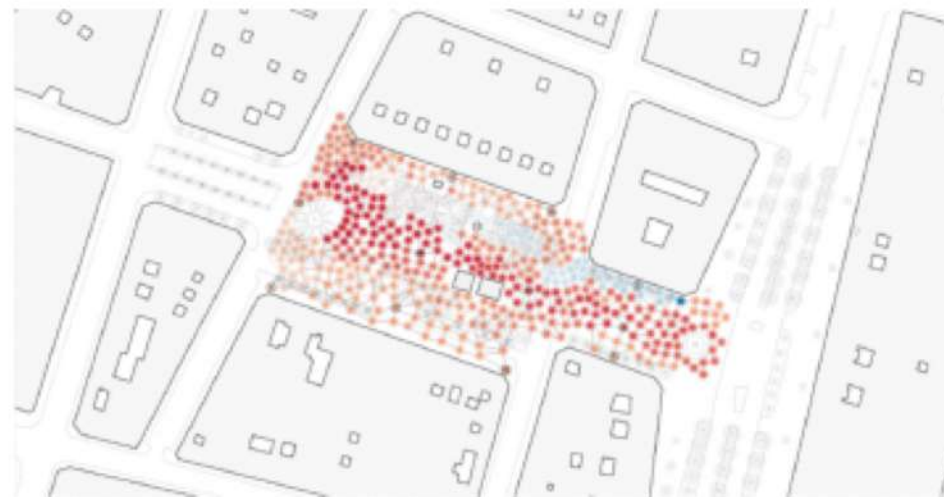
3. Personas parte del proceso

Algunos ejemplos:



Tree-LAB
Castellón





Tree-LAB Castellón



Barrio La Pinada

Paterna



Arquitectos: Gradolí&Sanz Arquitectes
<http://www.gradolisanz.acontrapeu.com/>

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Corredor Verde *Benicalap-Valencia*





Lista de soluciones verde y azul

- AB** Área bioretención
 - AC** Adoquín cerámico
 - AL** Alcantara
 - BC** Bio-celula
 - B** Rediseño bio celulas existentes
 - F** Zanja filtrante
 - Aparcamiento permeable**
 - H** Hormigón poroso
 - A** Adoquín autolubrificante
 - T** Losa trama
 - D** Celdas drenantes
-  permeable
 permeable
 self-healing
 water trays
 drainage cells
 green roof
 green wall

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Bosquete

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