



360cityscan: integrated solutions to face urban challenges

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TYPE:

Theory

LOCATION:

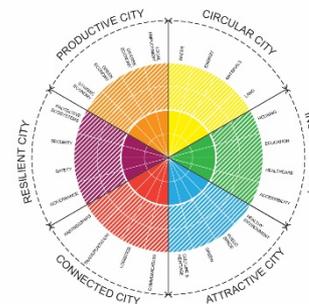
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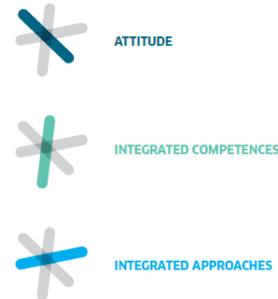
360 city scan

- 360 city scan, a holistic methodology to assess cities and guide them according to their needs and priorities
- 360 city scan meet the global challenges cities face today: climate change, resource scarcity, technologisation, demographic changes, social transformation and glocalisation
- It is deployed in more than 40 cities worldwide



WorldWide Urban Development Strategy

- The integration of different teams and know-how is essential to deal with the complexity of issues and challenges that cities are facing worldwide and for successful sustainable urban development
- This strategy is developed along three main axes: Attitude, Integrated Competences and Integrated Approaches
- The Integrated Approaches (11) represent innovative transversal domains defined to emphasize the integration of our services and expertise related to cities and territories



55TH ISOCARP
WORLD PLANNING
CONGRESS

Beyond the Metropolis

JAKARTA - BOGOR, INDONESIA
9-13 SEPTEMBER 2019

Track 6: Changing
environment and risks: planning for resilience

360cityscan: integrated solutions to face urban challenges

A balanced approach towards Cities and Sustainable Urban Development



Etienne Drouet
Tracebel Engineering APAC

The challenge

What do people really need (the most)?



The challenge

What do people really need (the most)?



The challenge

What do people really need (the most)?



The challenge

What do people really need (the most)?



The challenge

What do people really need (the most)?





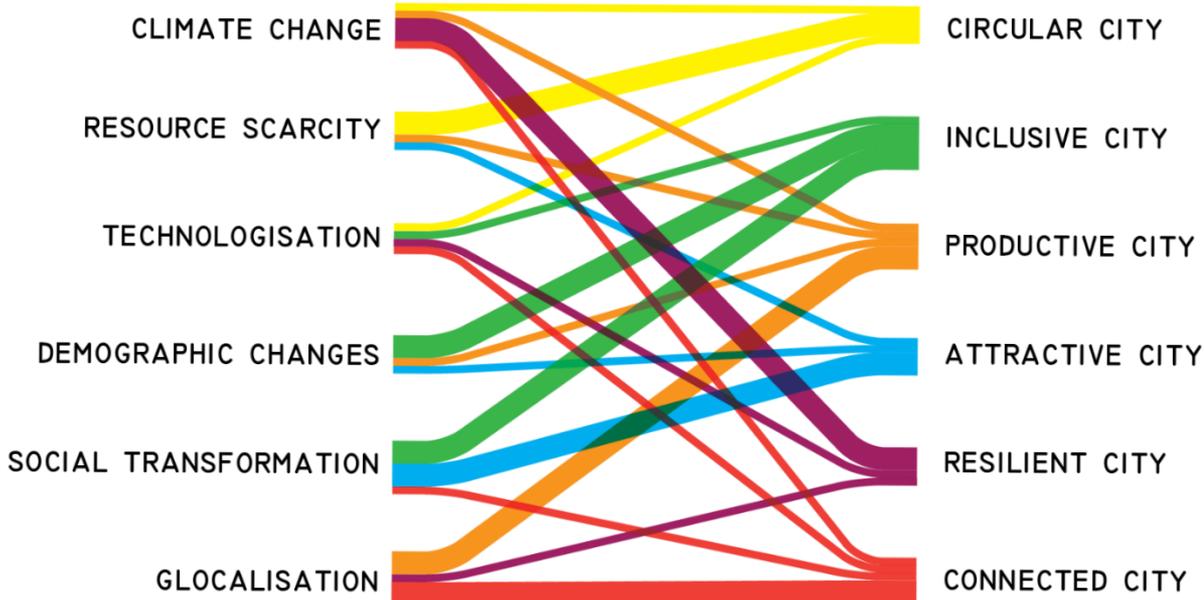
Urgency to prepare Cities for the future



From global challenges to city perspectives. City perspectives are an answer to the global challenges with which a city is confronted

GLOBAL CHALLENGES

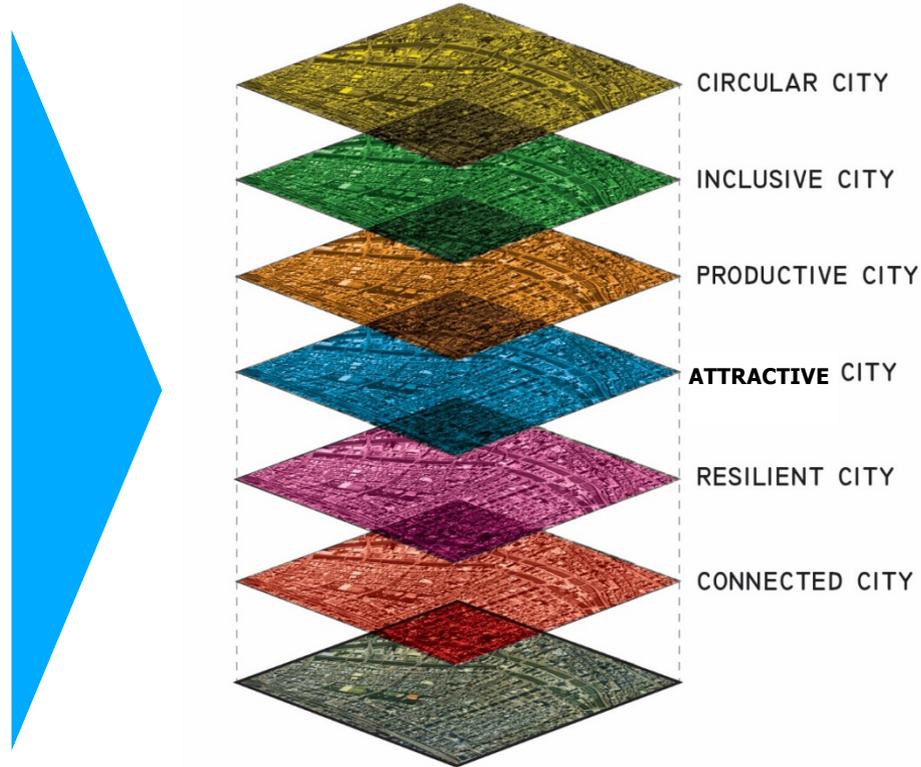
CITY PERSPECTIVES



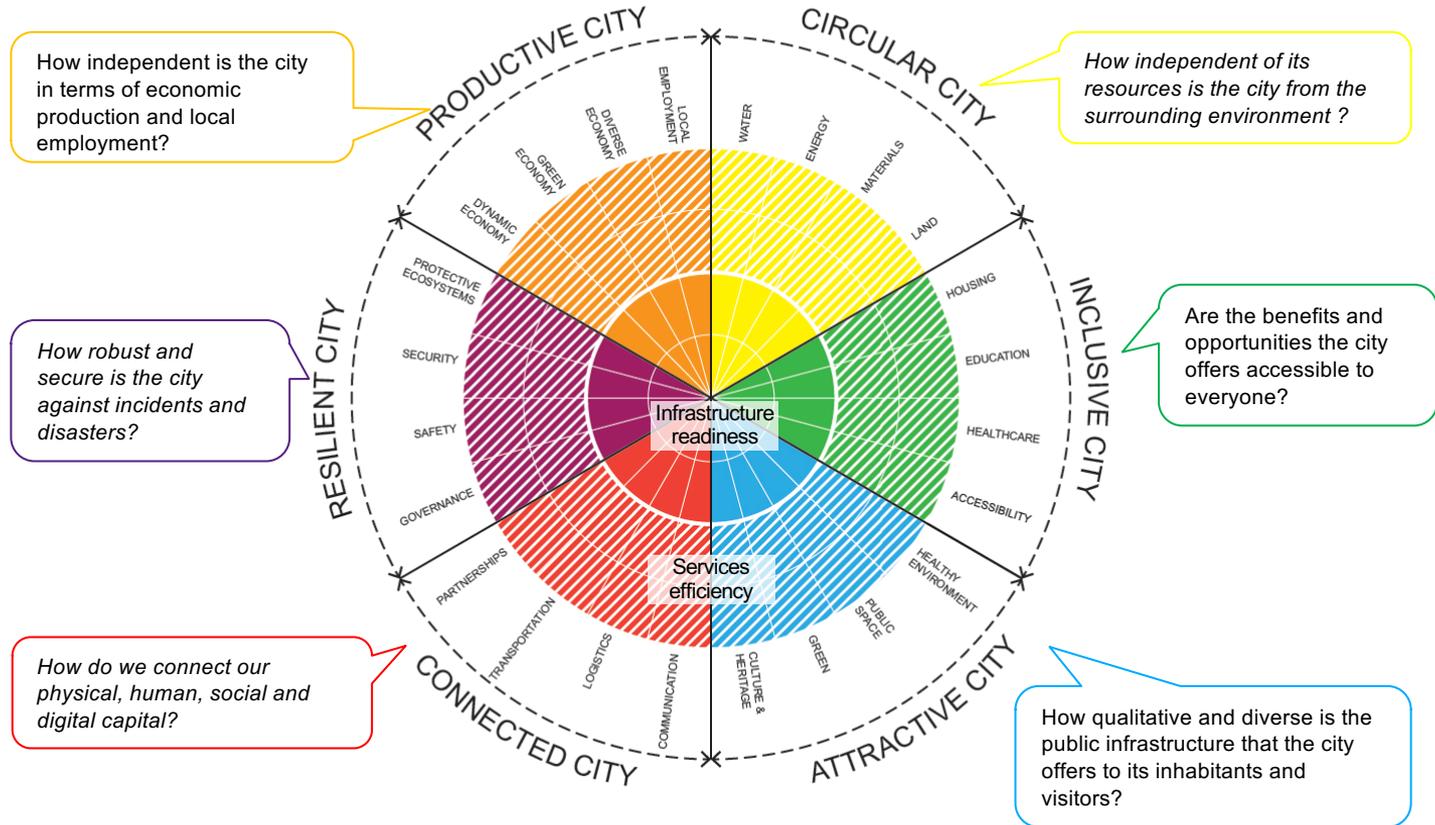
A well-performing city should be balanced across all these different perspectives

A balanced city contains all the perspectives, the different perspectives complement each other.

When one perspective isn't developed evenly in the city, it will affect future development.



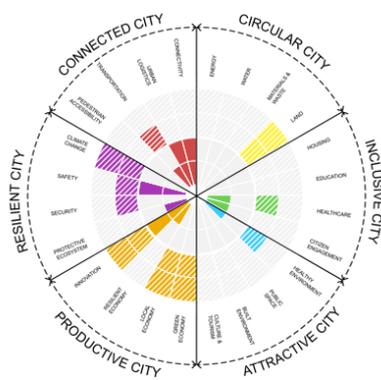
We use the 360 City Scan to measure the level of maturity for the different themes and perspectives within the city, and detect of potential areas of improvement



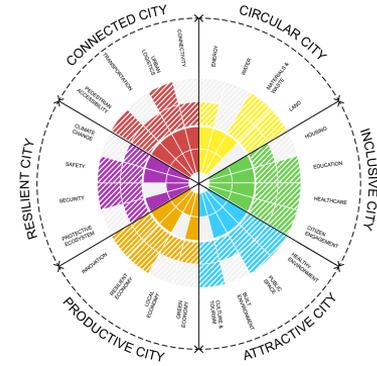
We have already more than 40 cities references



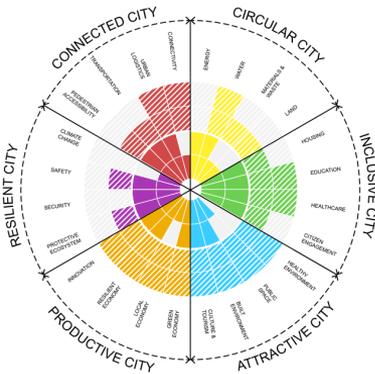
Monaco



San Pedro, Ivory Coast



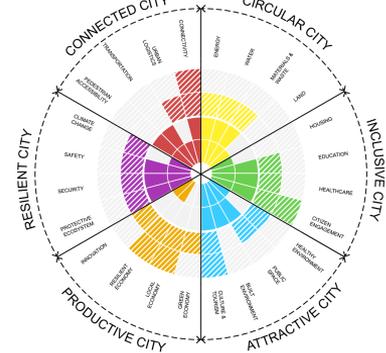
Melbourne, Australia



London, UK

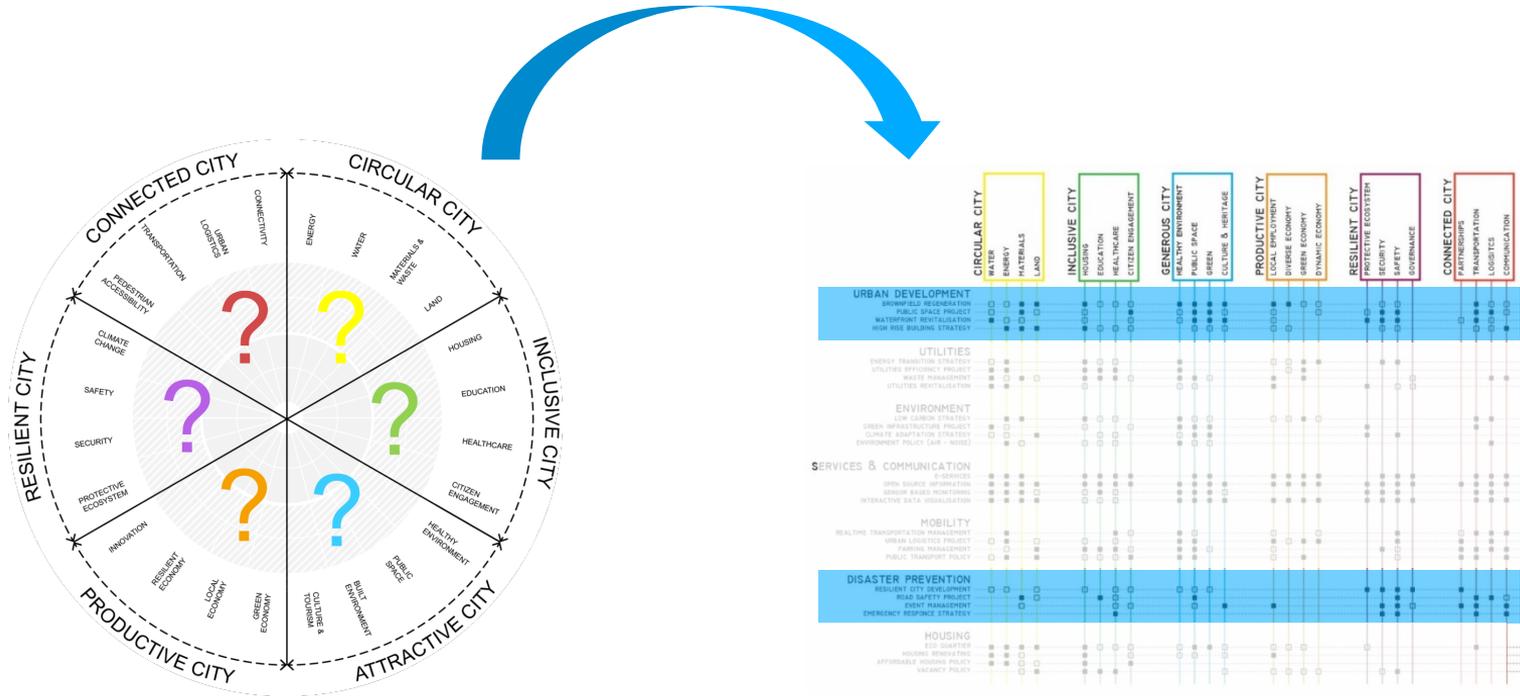


New Delhi, India



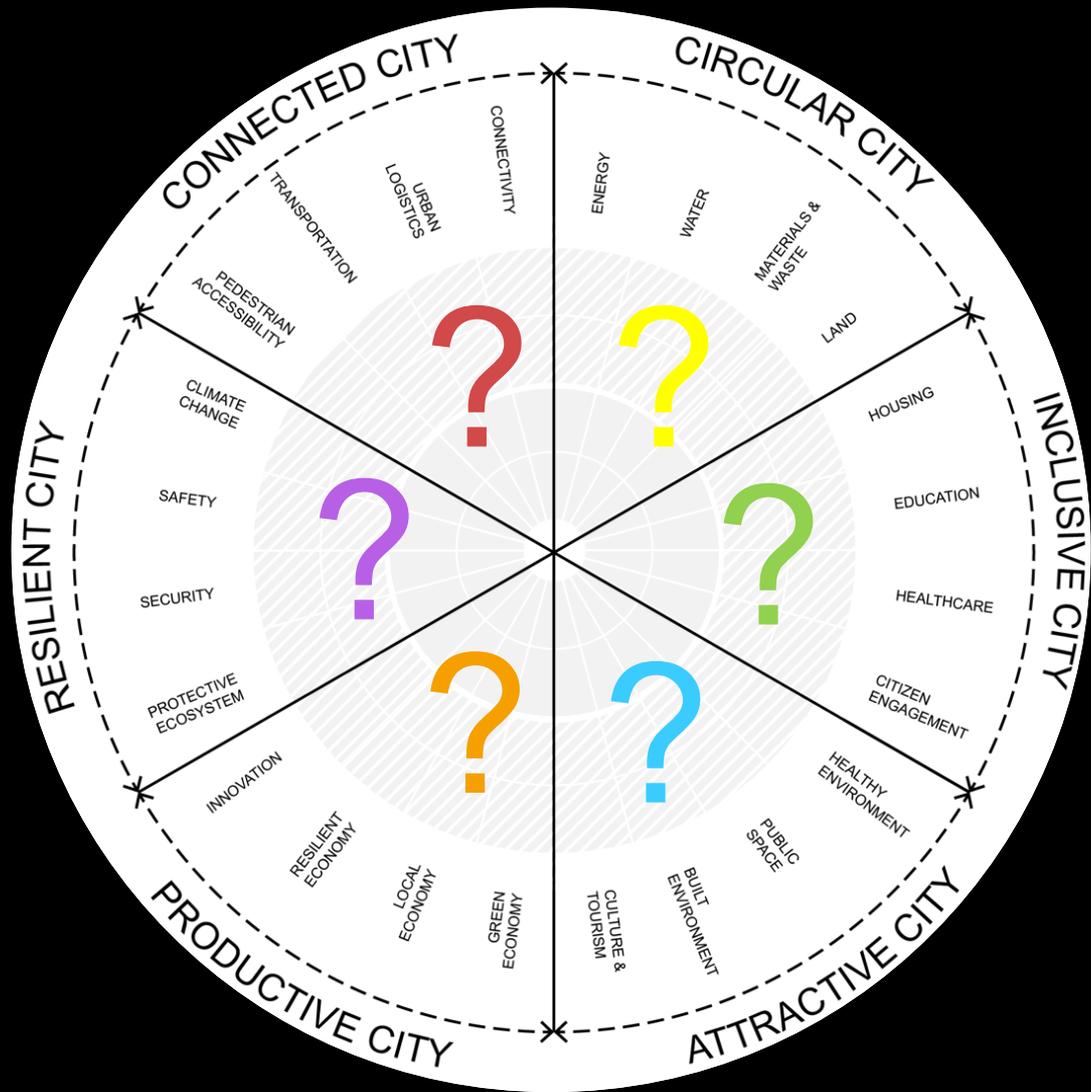
Brussels, Belgium

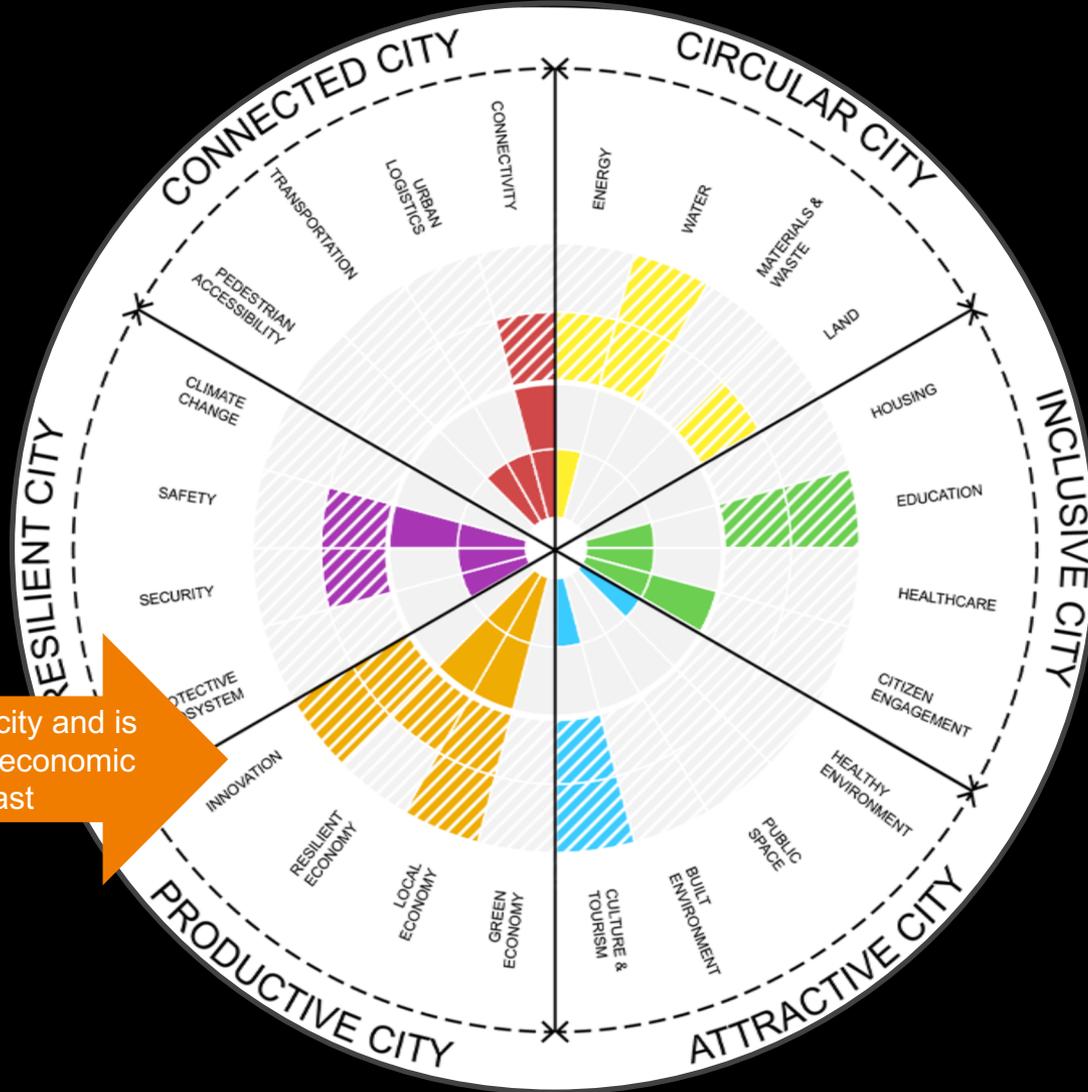
From Analysis of the city towards the identification of solutions which can actually deliver measurable impact on the maturity of the city while reinforcing its DNA



Abidjan





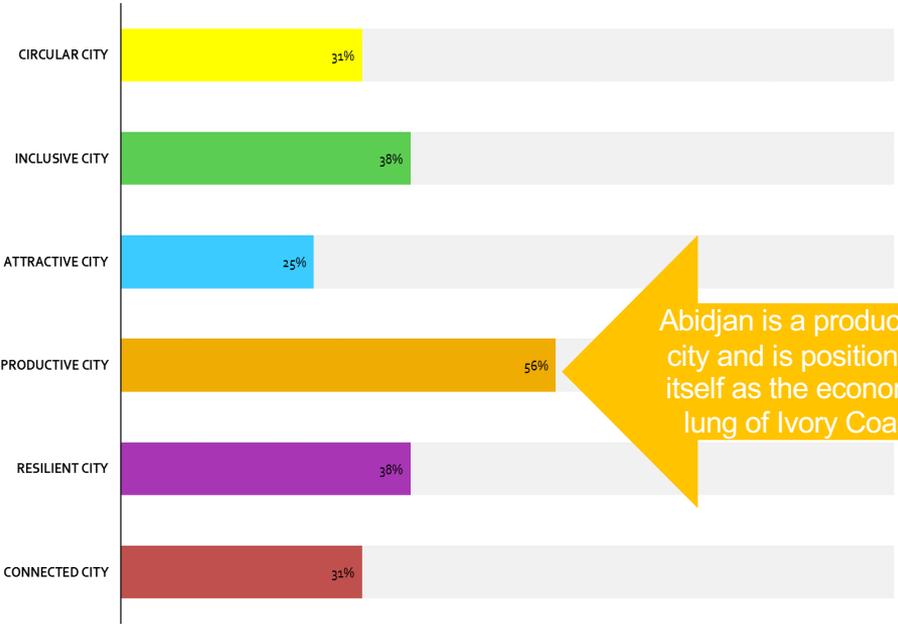


Abidjan is a productive city and is positioning itself as the economic lung of Ivory Coast

Towards a (more) balanced city...

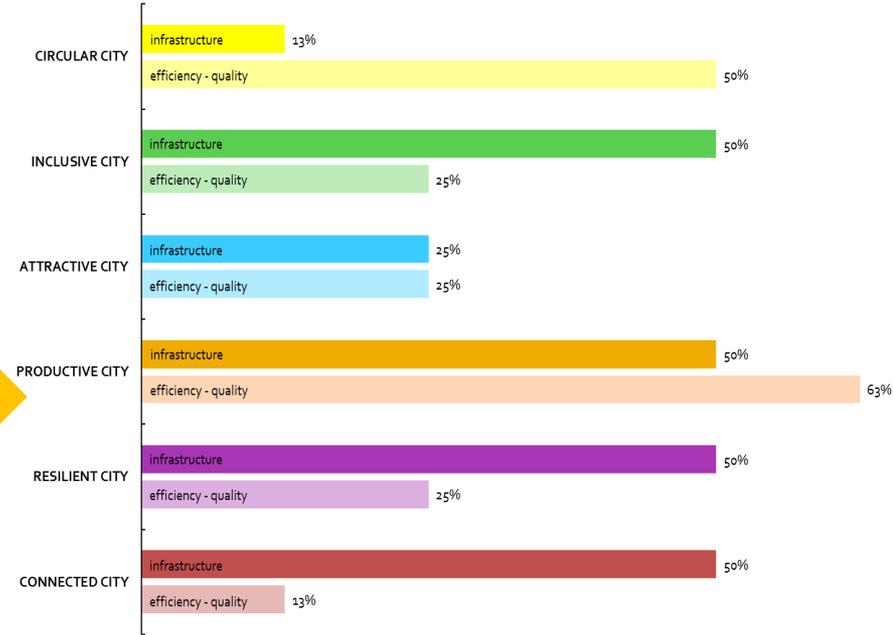
Specific maturity of each perspective of the city based on infrastructure / service availability and their relative performance

BALANCE OF THE CITY PERSPECTIVES



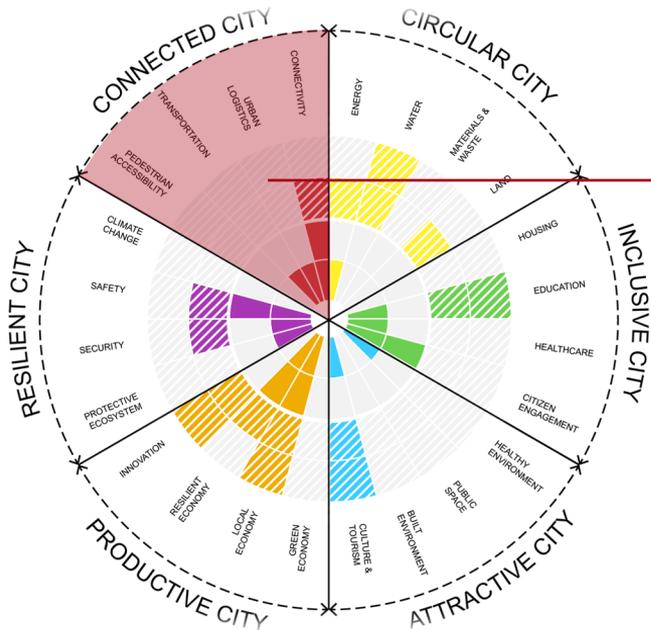
Abidjan is a productive city and is positioning itself as the economic lung of Ivory Coast

MATURITY RATE



Towards solutions which can actually deliver measurable impact on the maturity of the city while reinforcing its DNA => co-creation with stakeholders

- Prioritization with the city of perspectives to focus on for the development of a roadmap
- Identification per perspective of solutions and projects which can serve this ambition for the city and its stakeholders



Program for pedestrian accessibility

- Planning a pedestrian and bicycle area management program (safety and pedestrian awareness in the development of transport infrastructure)
- PMR – person with reduced mobility

Development of virtual services

- Promotion of e-services (promoting digital channels)

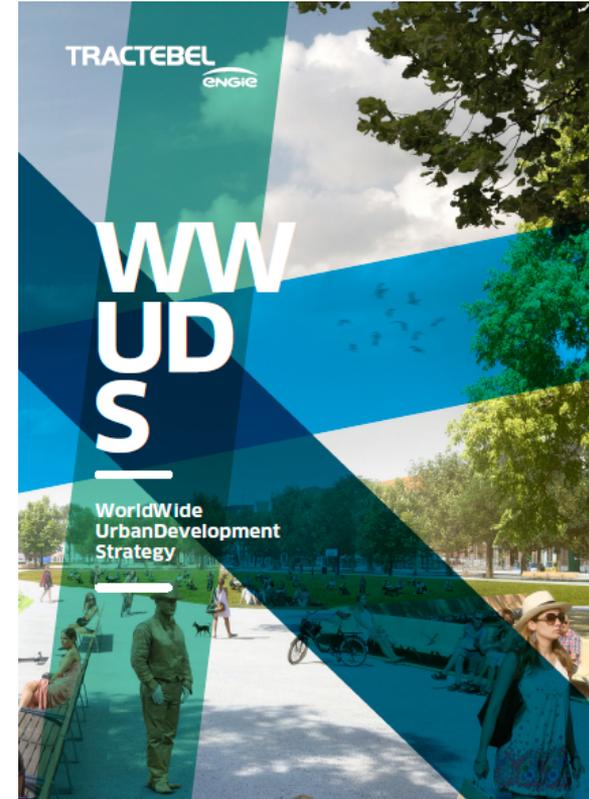
Program for Urban Mobility and Transport

- Congestion control
- Realization of a global household survey on the theme of urban transport in Abidjan
- Optimization of mobility management
- Design of parking plans integrated with transport systems
- Quality public transportation programs

WorldWide Urban Development Strategy

an integrated approach to provide solutions to key global challenges

- **Attitude:** Our values and beliefs underpin everything we do. As consulting experts or city stakeholders, the responsibility we take in shaping a better world is our common ground.
- **Integrated Competences:** Tractebel's Integrated Approaches to Sustainable Urban Development rely on Integrated Competences, combining the diverse skills and expertise of our different sectorial domains (water, energy, mobility, spatial design, policy, and more...) to help our clients meet their objectives.
- **Integrated Approaches:** Representing a broad spectrum of cities and citizens' needs and interests, our eleven Integrated Approaches provide an effective framework to tackle the complexity of issues that cities and territories face today.



WorldWide Urban Development Strategy

an integrated approach to provide solutions to key global challenges

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**HUMANITARIAN
ATTITUDE**

being responsible for the construction of a just and equal world



**STEWARDSHIP
OVER THE WORLD
AND ITS
RESOURCES**

take care of the world addressing climate change and resource scarcity



**CULTURAL
RENEWAL**

strengthen the cultural imagination of the cities



**DESIGN AS
A KEY**

use design as a tool to challenge reality and foresee future scenarios



COLLABORATIVE

promote social innovation and democratic decision-making processes



**GLOCAL
MINDESET**

think globally and act locally



MAN NATURE

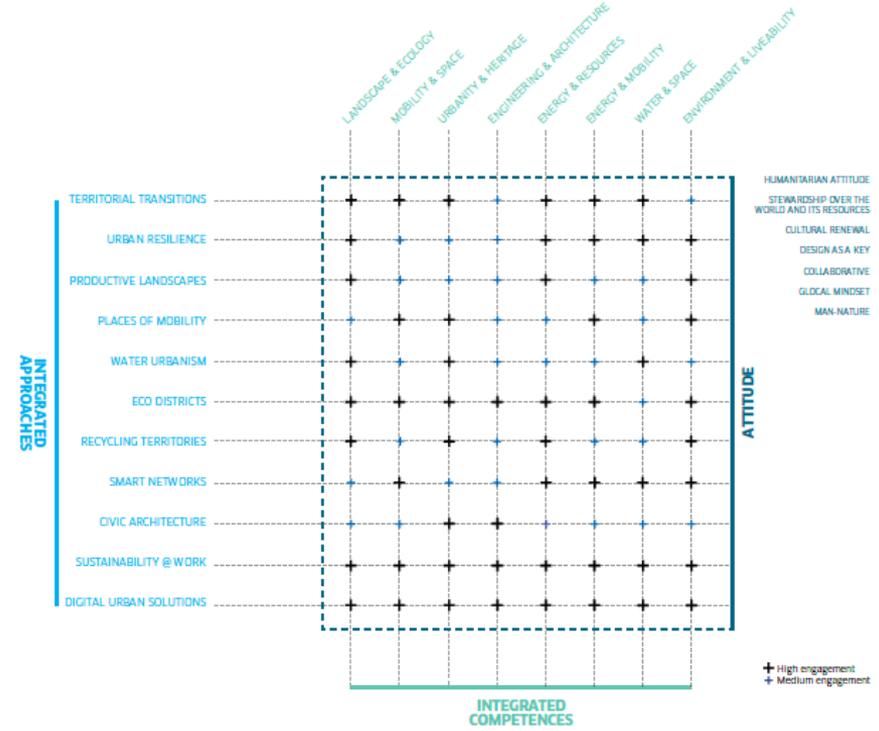
imagine a fruitful synergy between human beings and nature

WorldWide Urban Development Strategy

an integrated approach to provide solutions to key global challenges

- Integrated Competences:** Tractebel's Integrated Approaches to Sustainable Urban Development rely on Integrated Competences

LANDSCAPE & ECOLOGY
 MOBILITY & SPACE
 URBANITY & HERITAGE
 ENGINEERING & ARCHITECTURE
 ENERGY & RESOURCES
 ENERGY & MOBILITY
 WATER & SPACE
 ENVIRONMENT & LIVEABILITY



Integrated Approaches: what are the needs & ambitions of your city or area?

TERRITORIAL TRANSITIONS

Transforms territories through spatial and temporal transition strategies and interventions



URBAN RESILIENCE

Prepares cities and regions for environmental, social, cultural, economic stress and shocks



PRODUCTIVE LANDSCAPES

Transforms landscapes into productive entities for the city providing food, clean water, energy, biodiversity, fresh air



PLACES OF MOBILITY

Transforms mobility nodes and lines into significant public spaces



WATER URBANISM

Exploits water as a positive and generative agent for cities and citizens



Integrated Approaches: what are the needs & ambitions of your city or area?

ECO DISTRICTS

RECYCLING TERRITORIES

SMART NETWORKS

CIVIC ARCHITECTURE

SUSTAINABILITY @ WORK

DIGITAL URBAN SOLUTIONS

(Re)develops neighborhoods and districts into sustainable living environments

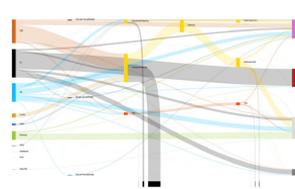
Re-activates abandoned sites, infrastructures and buildings into vital places

Constructs vital synergies between urban systems and networks

Builds places with a broad cultural added value

Makes sustainability tangible and profitable during the entire life of a project

Designs services for cities and territories able to monitor, manage and interact with the urban life





Thank you



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