



Citizen-centric smart cities : a global view

Which cities do it better and what the future holds

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Three points in 15 mn

- ❖ How cities compete globally
- ❖ Future challenges and priorities
- ❖ Mapping the future of smart cities





- Point 1 – A global perspective -



Bronze medal
Axiom Business
Book Award 2020

SIXTEEN SHADES OF SMART

How cities can shape
their own future



Edited by
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Smart City Index

CITIES IN A TIME OF GLOBAL EMERGENCIES

Can smart cities help?



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IMD WORLD
COMPETITIVENESS
CENTER



SCO
SMART CITY
OBSERVATORY



SMART CITY RANKING

2

Out of 141



2 out of 118 in 2021

SMART CITY RATING

AAA

AAA in 2021

FACTOR RATINGS

AAA

STRUCTURES

A

TECHNOLOGIES

GROUP

1

All ratings range from AAA to D

BACKGROUND INFORMATION

City

Population 693,494
HDI 0.980

(Eurostat)

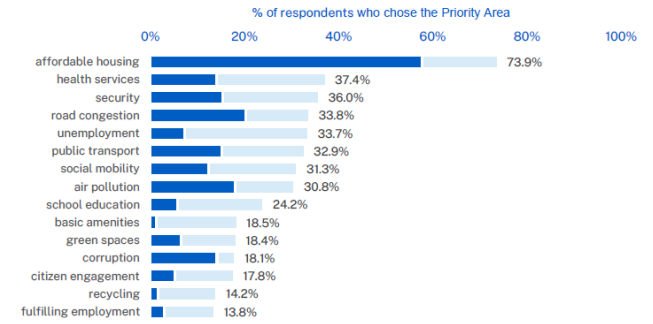


Country	2018	2019	2020	2021	1 yr change
HDI	0.954	0.957	0.959	0.961	+0.002
Life expectancy at birth	82.3	82.4	83.2	83.2	+0.0
Expected years of schooling	18.1	18.1	18.0	18.0	+0.0
Mean years of schooling	12.6	12.9	13.0	13.0	+0.0
GNI per capita (PPP \$)	68,059	66,494	62,573	64,660	+2,087

PRIORITY AREAS

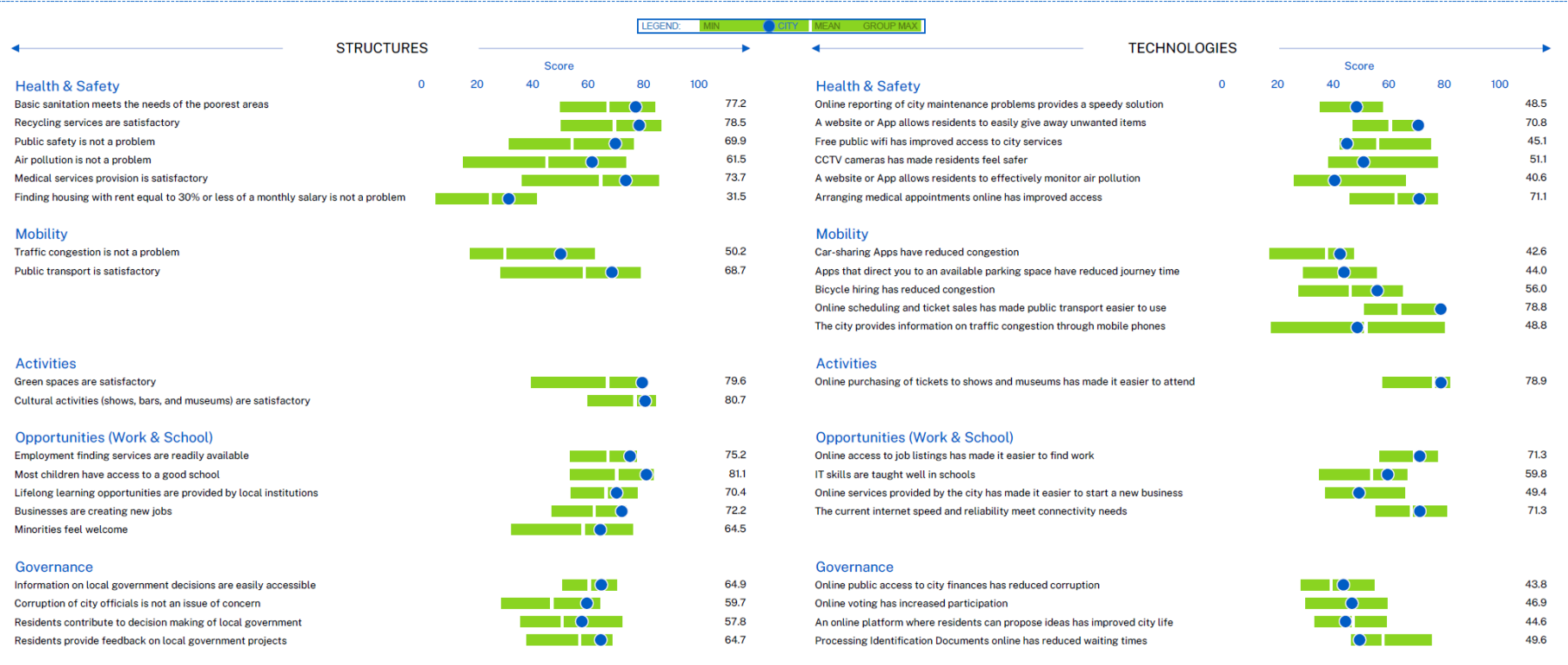
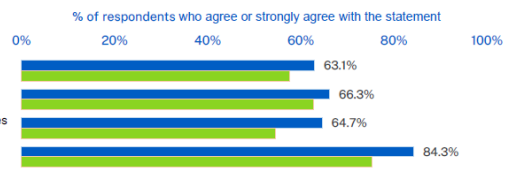
From a list of 15 indicators, survey respondents were asked to select 5 that they perceived as the most urgent for their city. This is the total bar. The higher the percentage of responses per area, the greater the priority for the city.

The left-hand, dark blue section of each bar shows the Alignment, i.e. the proportion of those respondents who also answered the survey on the corresponding area by giving it low priority. A strong Alignment (i.e. consistency across both areas explained) means that these areas may benefit from close observation.



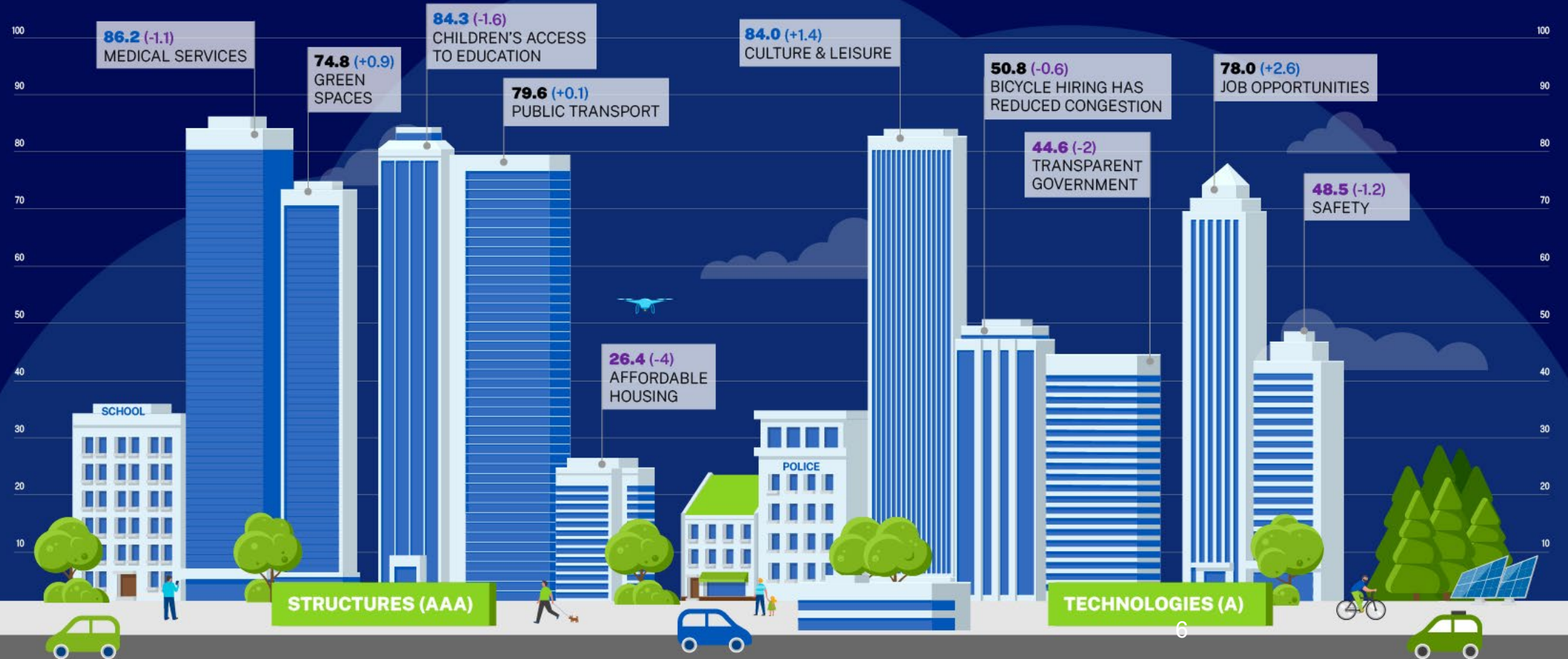
ATTITUDES

You are willing to concede personal data in order to improve traffic congestion
 You are comfortable with face recognition technologies to lower crime
 You feel the availability of online information has increased your trust in authorities
 The proportion of your day-to-day payment transactions that are non-cash (% of transactions)



Smart City Index 2023

1 Zurich (AAA)





- Point 2 – Future challenges and priorities -

The dynamics of smart cities have brought new issues to the fore

- The example of video surveillance and AI : a cultural dimension ?
- Mobility reconsidered
- The future of work





Point 3 – Mapping the future of smart cities

Smart cities : what else is new ?

- Smart cities have been considered as a technology topic
- The dynamic of smart cities has brought new issues to the fore
- Why the future of smart cities matters for all of us



Why the future of smart cities matters for all of us

- The rise of homo urbanicus
- What are the main concerns of urban citizens ?
- The new dynamics of regions vs nation states
- Cities are the ideal testbed for future technologies





Conclusions

- There is more than one way to be smart
- Cities can learn from each other
- Cities will lead the global green and digital economy by being human-centric