

NETWORKED SOCIETY CITY INDEX



Bunyati Kirdniyom

Head of Communications and Regulatory Affairs

VATICAN CITY 2005



Luca Bruno / AP

VATICAN CITY 2013



DIGITAL LIFESTYLE



COLLABORATIVE CULTURE

PREFER SERVICES

ARE IN CONTROL

PURPOSE DRIVEN

ALWAYS ON

DIGITAL RELATIONS
AND IDENTITY

ALWAYS INFORMED

EVERYTHING INSTANT



CURRENT PROGRESS

Urbanization - monthly a new Madrid

Collaboration - shift to citizen will

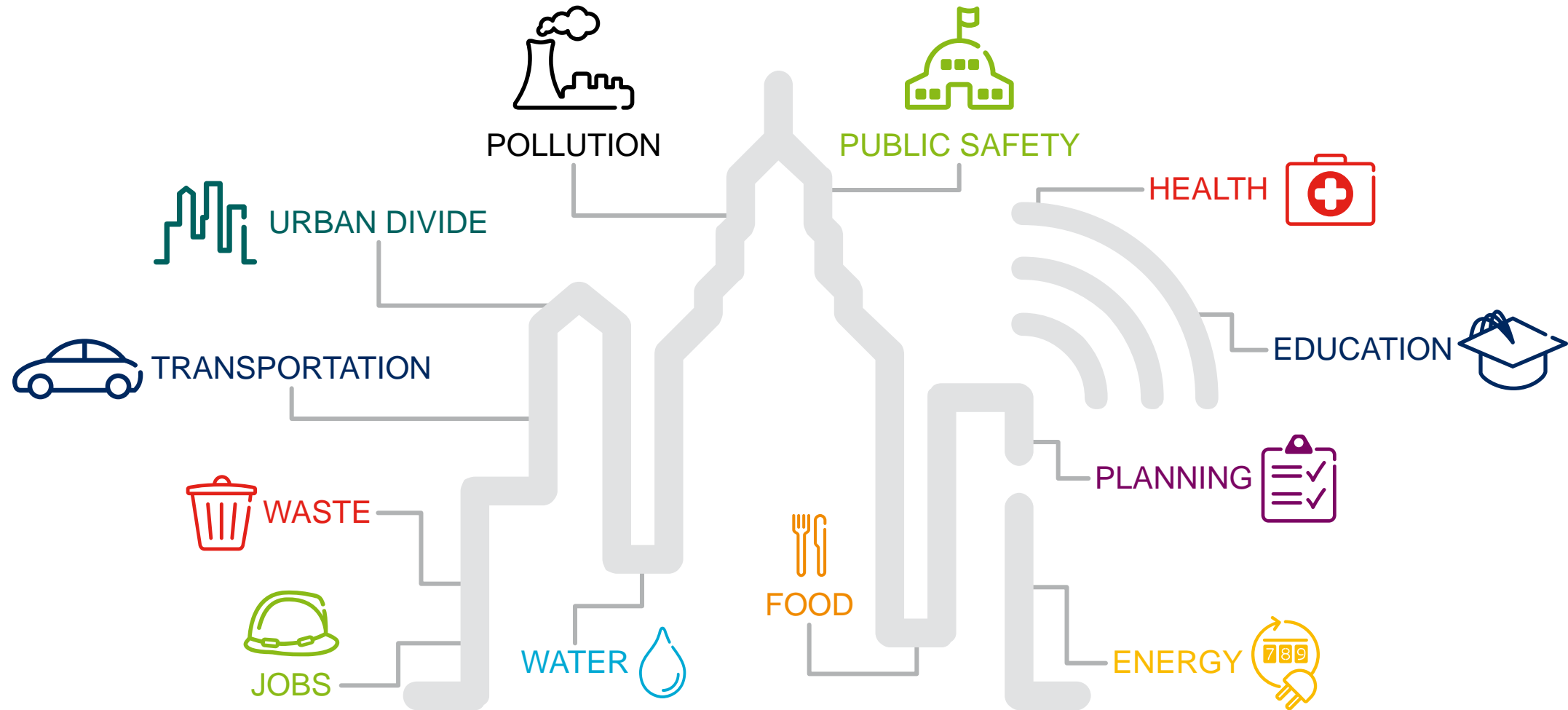
Redefinition - mobility, commerce,....

Technology - innovative ways to scale

Advancement - global city agenda



URBAN CHALLENGES



ROLE OF ICT





NETWORKED SOCIETY CITY INDEX

- › Aim to inspire and contribute to society development around the world, and in cities in particular.
- › Provide a framework for measuring performance in ICT maturity and sustainable urban development.

CAPTURING TRIPLE BOTTOM LINE



8 VARIABLES

21 PROXIES

DIMENSION

Social (1/3)

Economy (1/3)

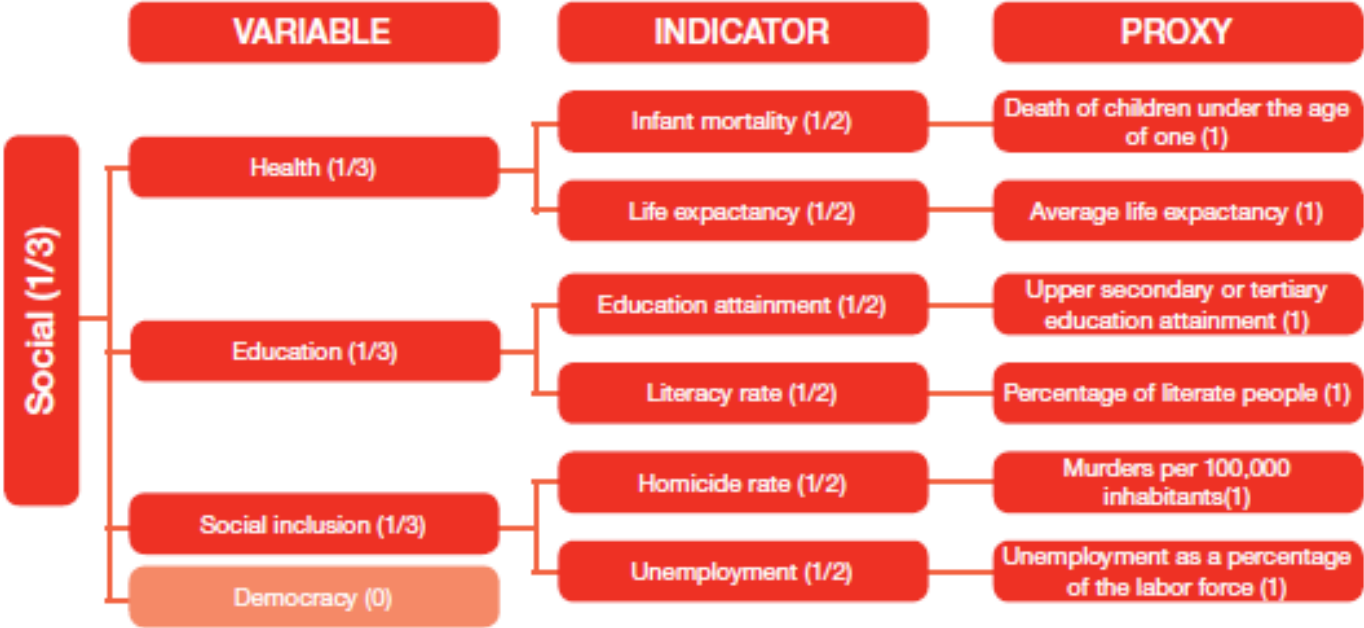
Environment (1/3)

Triple bottom line

SOCIAL PERFORMANCE

DIMENSION

- Social
- Economy
- Environment



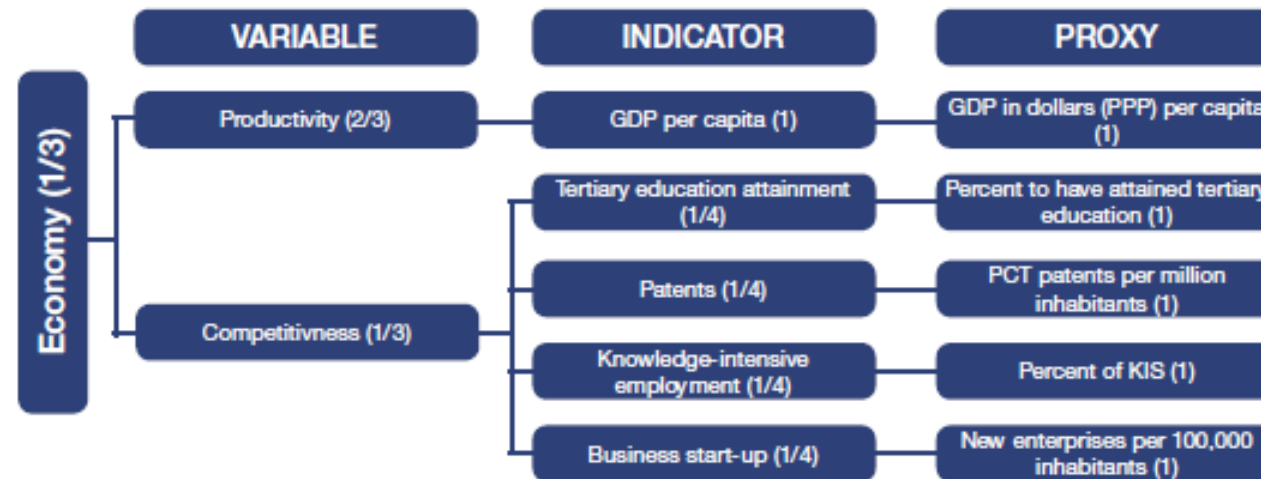
ECONOMY PERFORMANCE

DIMENSION

Social

Economy

Environment



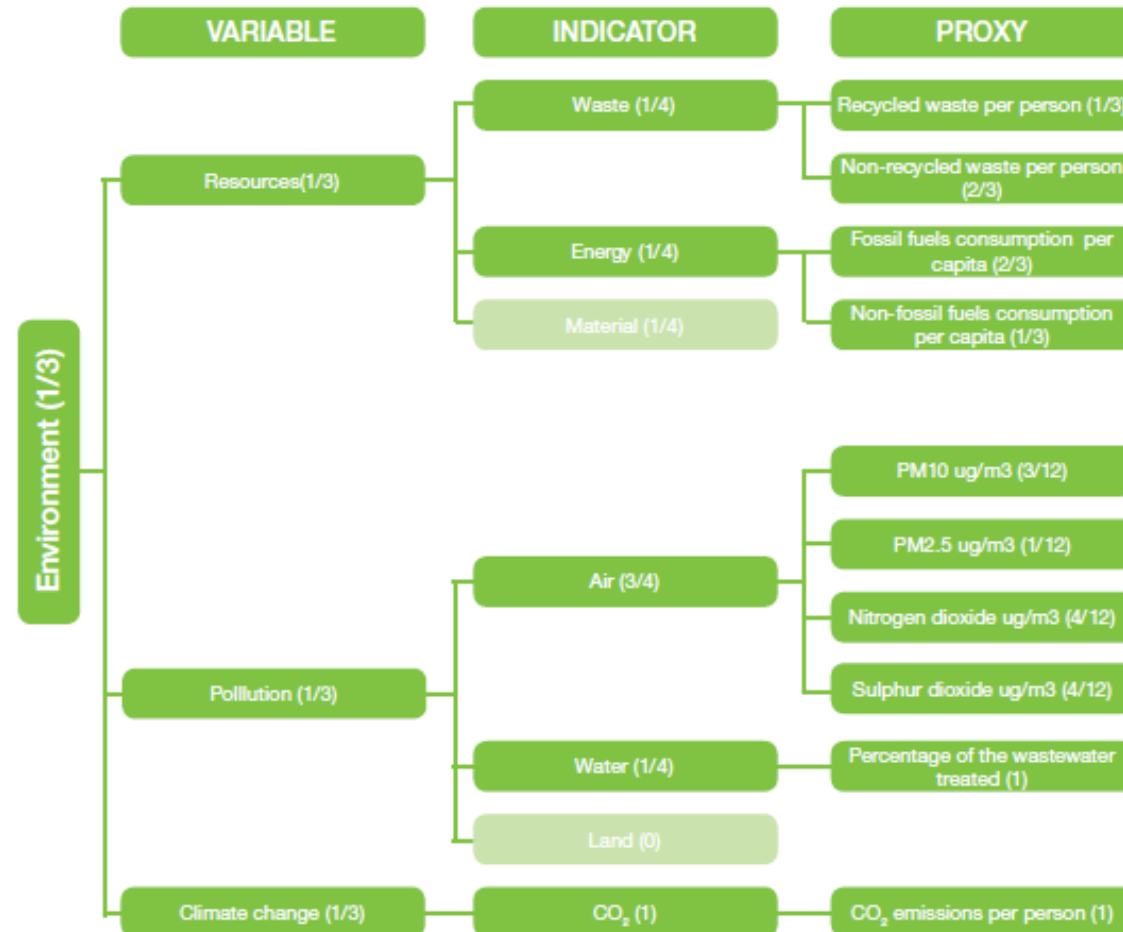
ENVIRONMENT PERFORMANCE

DIMENSION

Social

Economy

Environment



CAPTURING ICT MATURITY



ICT Maturity

DIMENSION

Infrastructure (1/3)

Affordability (1/3)

Usage (1/3)

7 VARIABLES

18 PROXIES

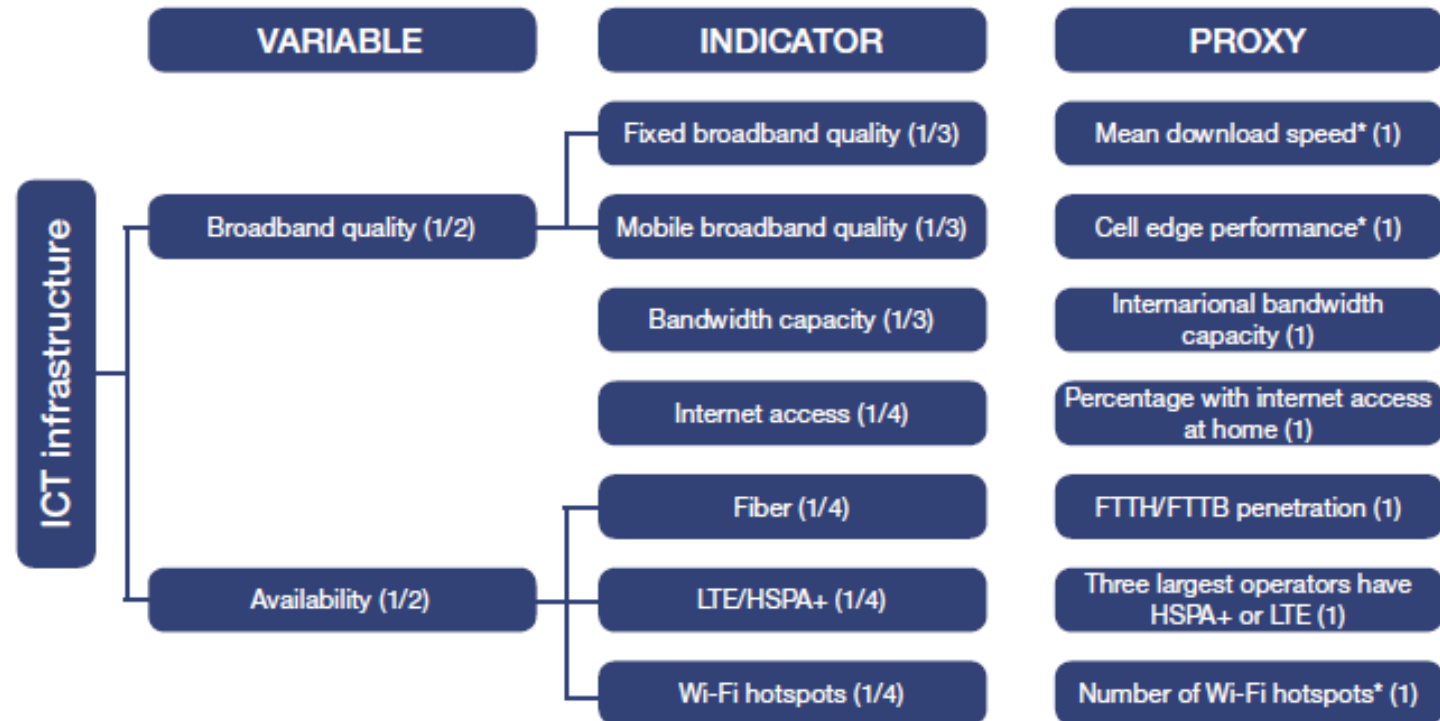
ICT INFRASTRUCTURE

DIMENSION

Infrastructure

Affordability

Usage



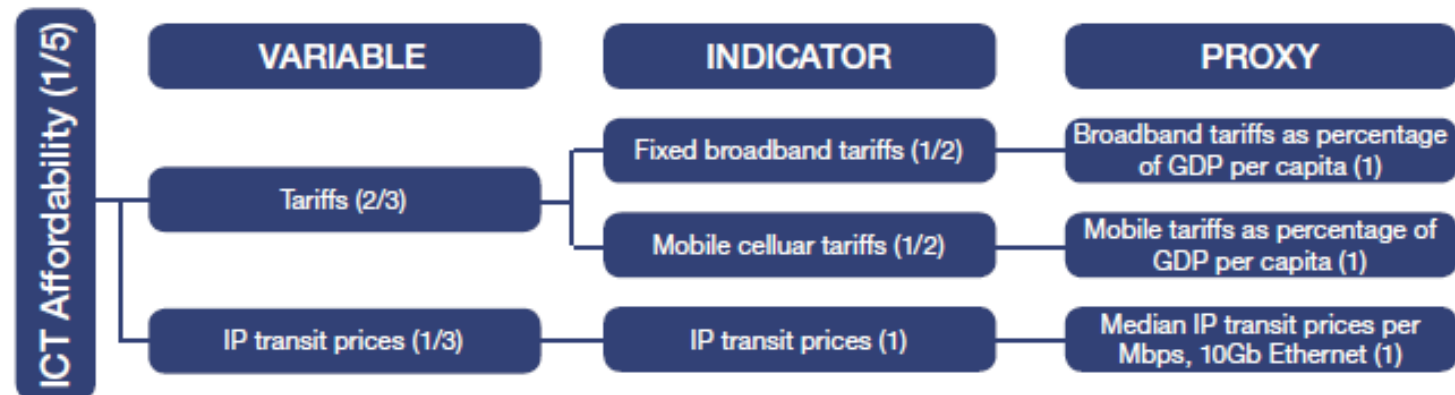
ICT AFFORDABILITY

DIMENSION

Infrastructure

Affordability

Usage



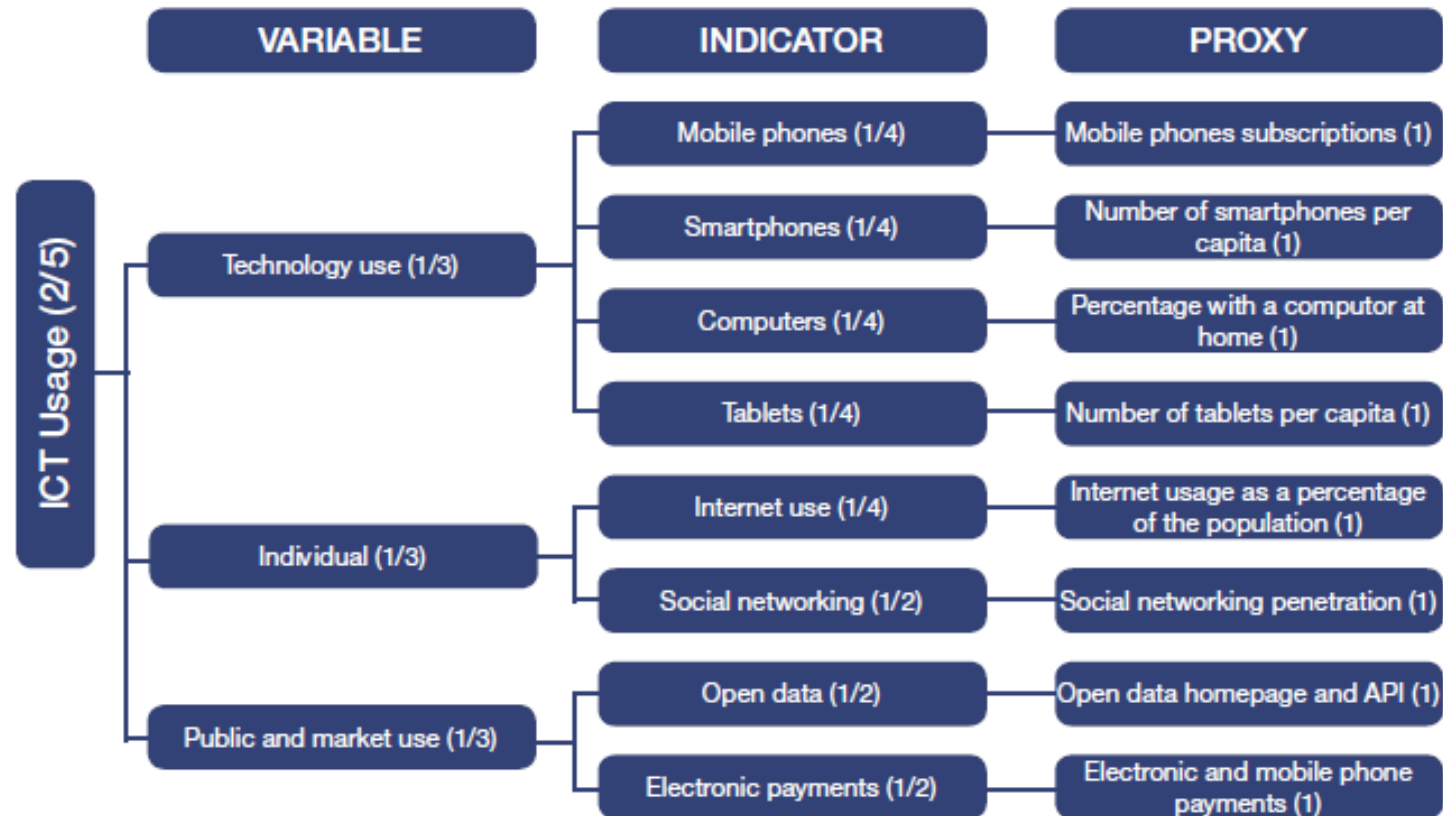
ICT USAGE

DIMENSION

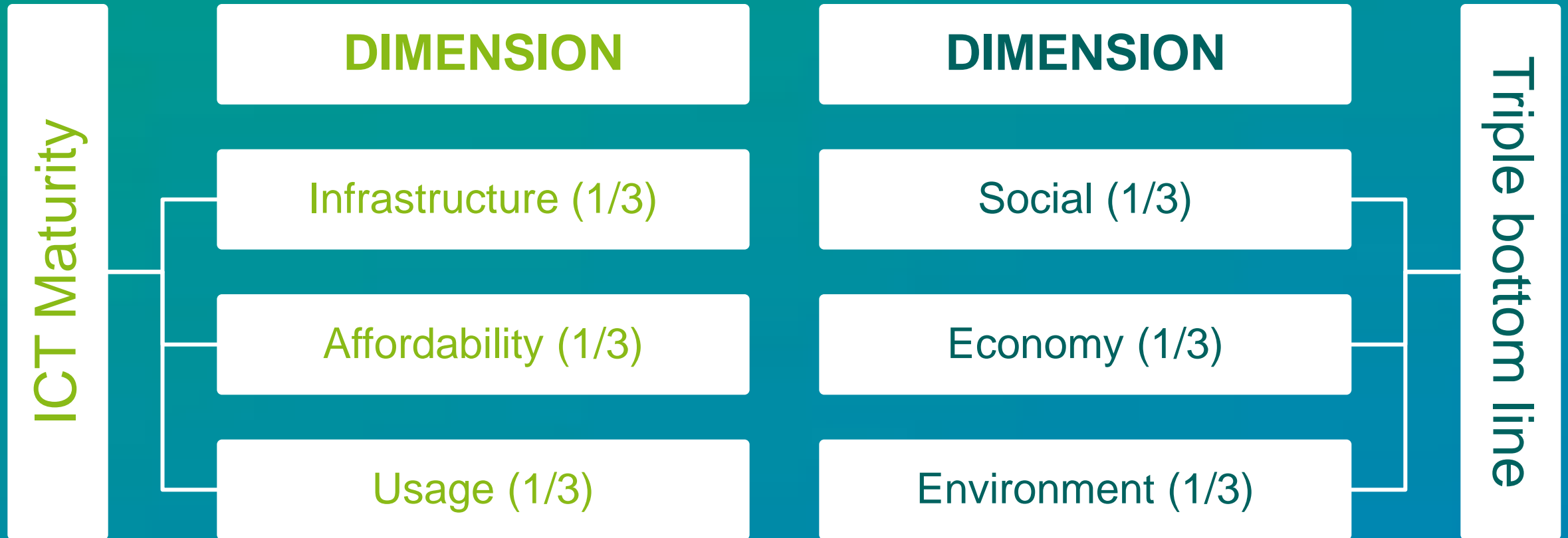
Infrastructure

Affordability

Usage



CITY PERFORMANCE



CITY MAPPING



City	Ranking
STOCKHOLM	1
LONDON	2
SINGAPORE	3
PARIS	4
COPENHAGEN	5
OSLO	6
HONG KONG	7
NEW YORK	8
HELSINKI	9
TOKYO	10
LOS ANGELES	11
MIAMI	12
SEOUL	13
TAIPEI	14
SYDNEY	15
MOSCOW	16
SAO PAULO	17
ISTANBUL	18
BEIJING	19
SHANGHAI	20
BUENOS AIRES	21
JOHANNESBURG	22
MEXICO CITY	23
MANILA	24
JAKARTA	25
DELHI	26
CAIRO	27
MUMBAI	28
LAGOS	29
KARACHI	30
DHAKA	31

CITY FINDINGS



REGIONAL LEADERS OF CHANGE



Cities need to invest in their citizens' ability to adopt new technology, and implement policy initiatives and development programs to improve inclusion and increase literacy rates.

CITIES IN TRANSITION



Combined policy initiatives to improve socio-economic standards and enhanced ICT maturity could help these cities deal with the challenges that today's mature and highly developed economies face.

HIGH PERFORMERS



The transformative effect of ICT needs to be understood and incorporated into policy and regulatory frameworks.

CITY MAPPING



City	Ranking
STOCKHOLM	1
LONDON	2
SINGAPORE	3
PARIS	4
COPENHAGEN	5
OSLO	6
HONG KONG	7
NEW YORK	8
HELSINKI	9
TOKYO	10
LOS ANGELES	11
MIAMI	12
SEOUL	13
TAIPEI	14
SYDNEY	15
MOSCOW	16
SAO PAULO	17
ISTANBUL	18
BEIJING	19
SHANGHAI	20
BUENOS AIRES	21
JOHANNESBURG	22
MEXICO CITY	23
MANILA	24
JAKARTA	25
DELHI	26
CAIRO	27
MUMBAI	28
LAGOS	29
KARACHI	30
DHAKA	31

CASES OF PROGRESS



#2 LONDON

(Add image of London)

London ranks second in the Networked Society City Index and it performs very well in all six dimensions of the index.

- › London has a very well developed ICT infrastructure.
- › London's ICT infrastructure is ranked as number one in the Networked Society City Index.
- › The city also performs well in technology use, with high penetration rates in computers, mobile phones, smartphones and tablets.
- › In the environmental dimension, there is room for improvement.

CASES OF PROGRESS

#19 BEIJING

Beijing ranks 19th in the Networked Society City Index and it performs very well in the social dimension of triple bottom line.

- › Beijing's fixed broadband speeds are higher than in many other cities, mobile perform below average.
- › The proportion of employees in the knowledge intensive industries is high whilst the overall productivity is lagging.
- › The city is around average in technology use, higher in computer, lower in tablet and average in mobile.
- › In the environmental dimension, there is room for improvement particularly regarding CO2 and air quality.



POLICY TAKEAWAYS



ICT maturity is tightly interlinked
with city development

Increased ICT maturity is key to
decoupling socio-economic development
from increased resource intensity

Social and individual benefits determine
success and speed of adoption

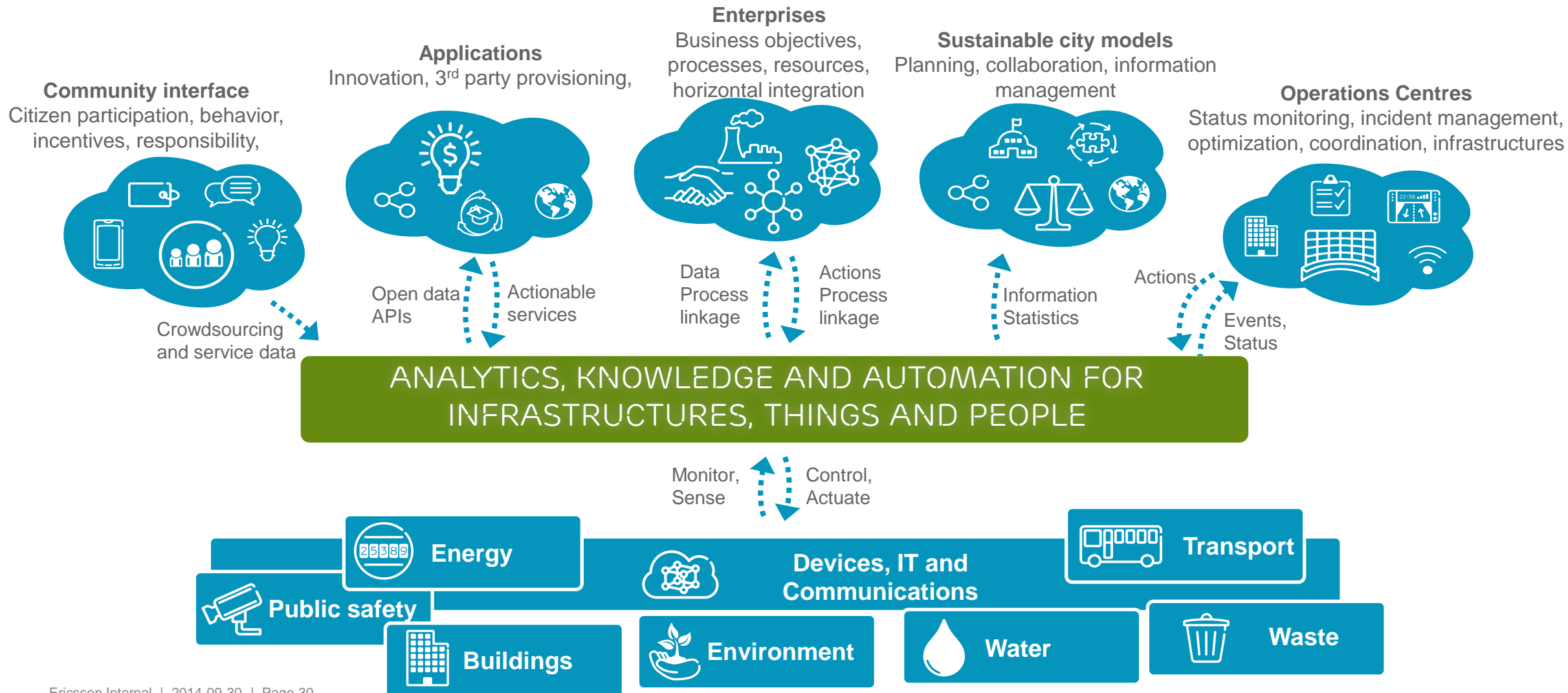
New leadership capabilities required

New rules for city business
place new demands

A united voice to improve
the speed of progress

THE SMART CITY

INTEGRATED OPEN ENVIRONMENT



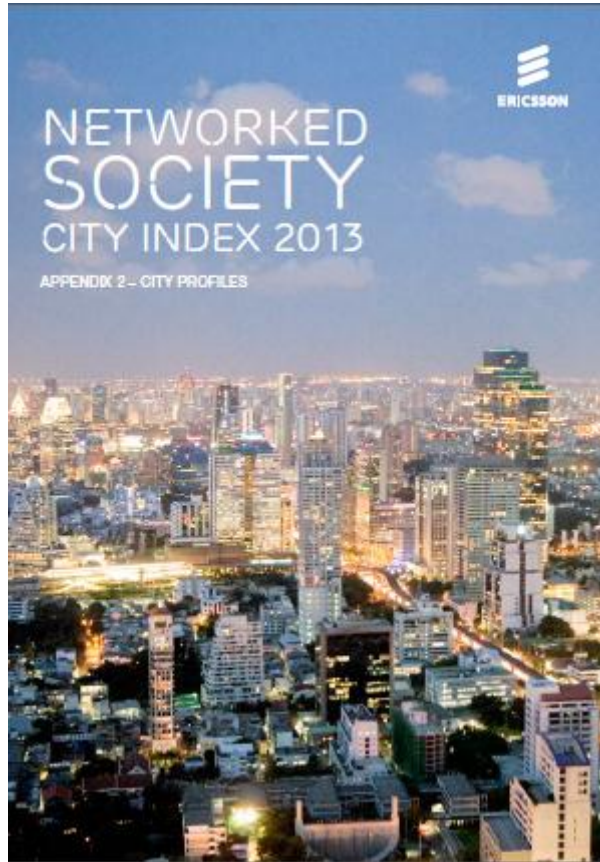


OUR NEXT STEPS

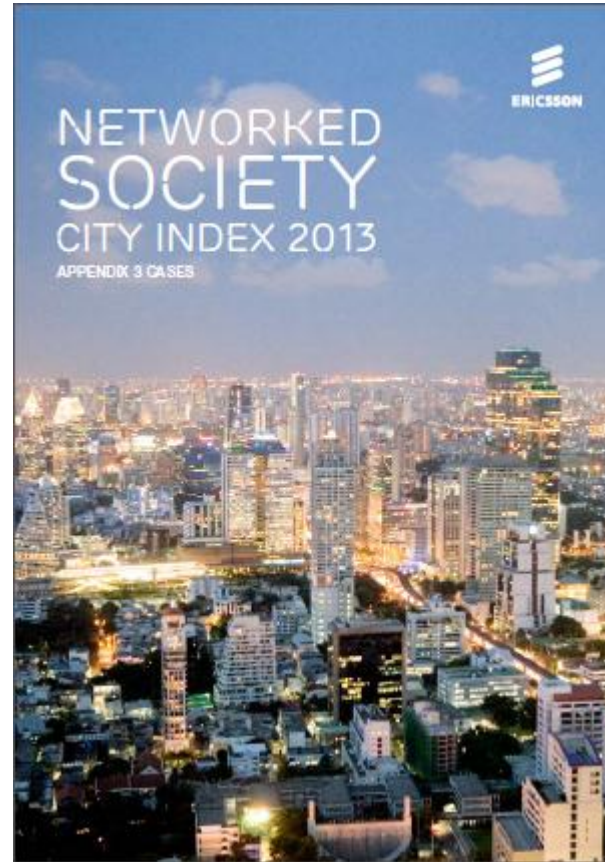


- › The new format provides an interactive environment where the full data set can be flexibly analyzed city-by-city.
- › Inclusion of more cities as time goes on
- › Annual updates that enable cities' performance to be tracked and compared over time.

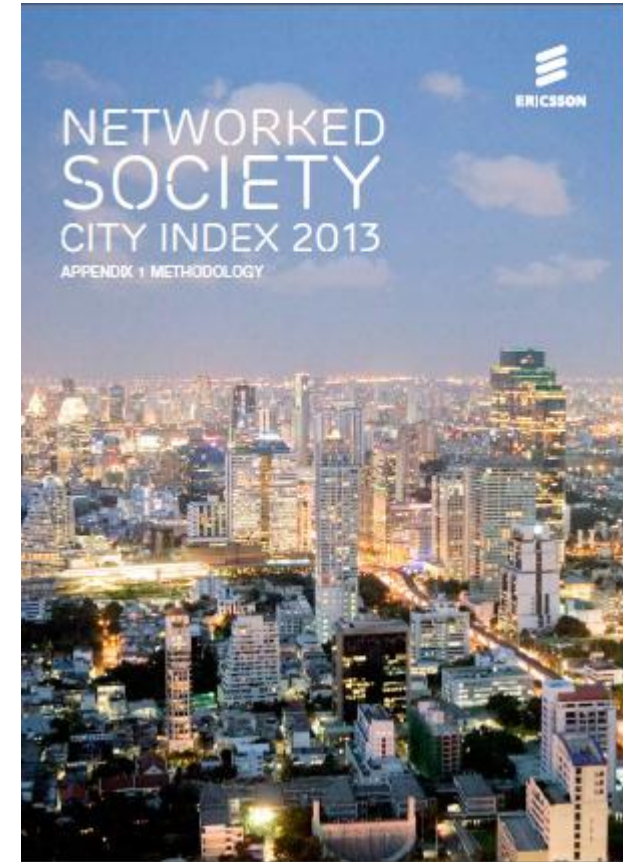
FURTHER READING



CITY PROFILES



CITY CASES



METHODOLOGY



ERICSSON