

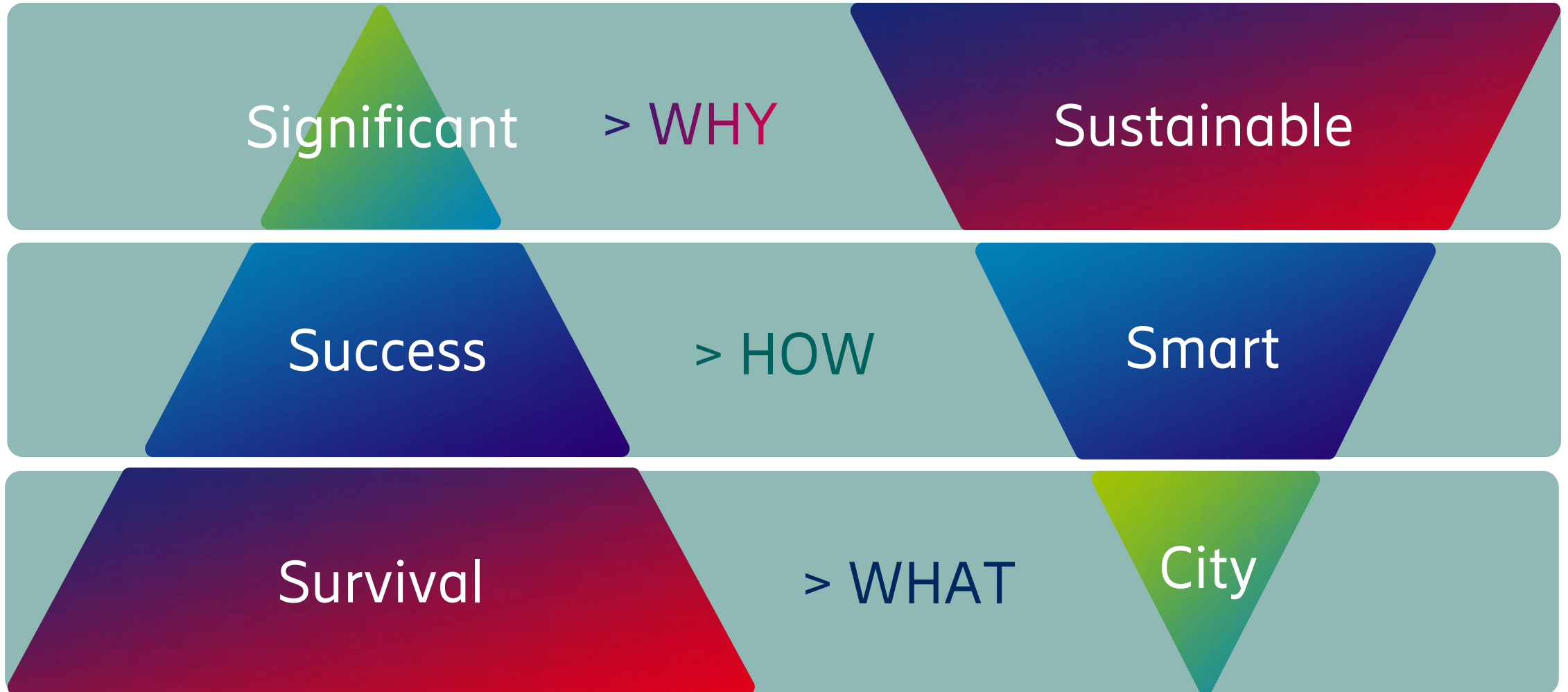
Smart Sustainable Cities Opportunities and Challenges



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CTO, Ericsson Taiwan

Level of life and business



Sustainability & Corporate Responsibility



**Company purpose:
'Innovating
Technology for
Good'**

Wanted position

Be a responsible and relevant driver of positive change in society

Global goals

We use the Sustainable Development Goals as the framework for measuring our impact on society

Report annually

Each year we report S&CR* results, progress and initiatives relevant to our stakeholders

* Sustainability & Corporate Responsibility



Five critical considerations

for successful transformation into a smart sustainable city



Government, NGOs,
Businesses

Government

NGOs, Businesses

Define

An agreed Vision, Strategy, and Targets

Create

Informed Networked governance structures

Develop

Organizational Capacity

Engage

All relevant Stakeholders

Evolve

Strong and Long-term partnerships

Why cities matters ?



7,500

People per hour

80%

in cities by 2050

3%

of the earth's surface



75%

of CO₂ emission

80%

of energy consumption

Diversity of challenges



URBAN PLANNING



JOBS



TRANSPORTATION



ENERGY



WASTE



EDUCATION



PUBLIC SAFETY



POLLUTION



HEALTH



WATER



GREEN ASPECTS



FOOD AND AGRICULTURE



URBAN DIVIDES

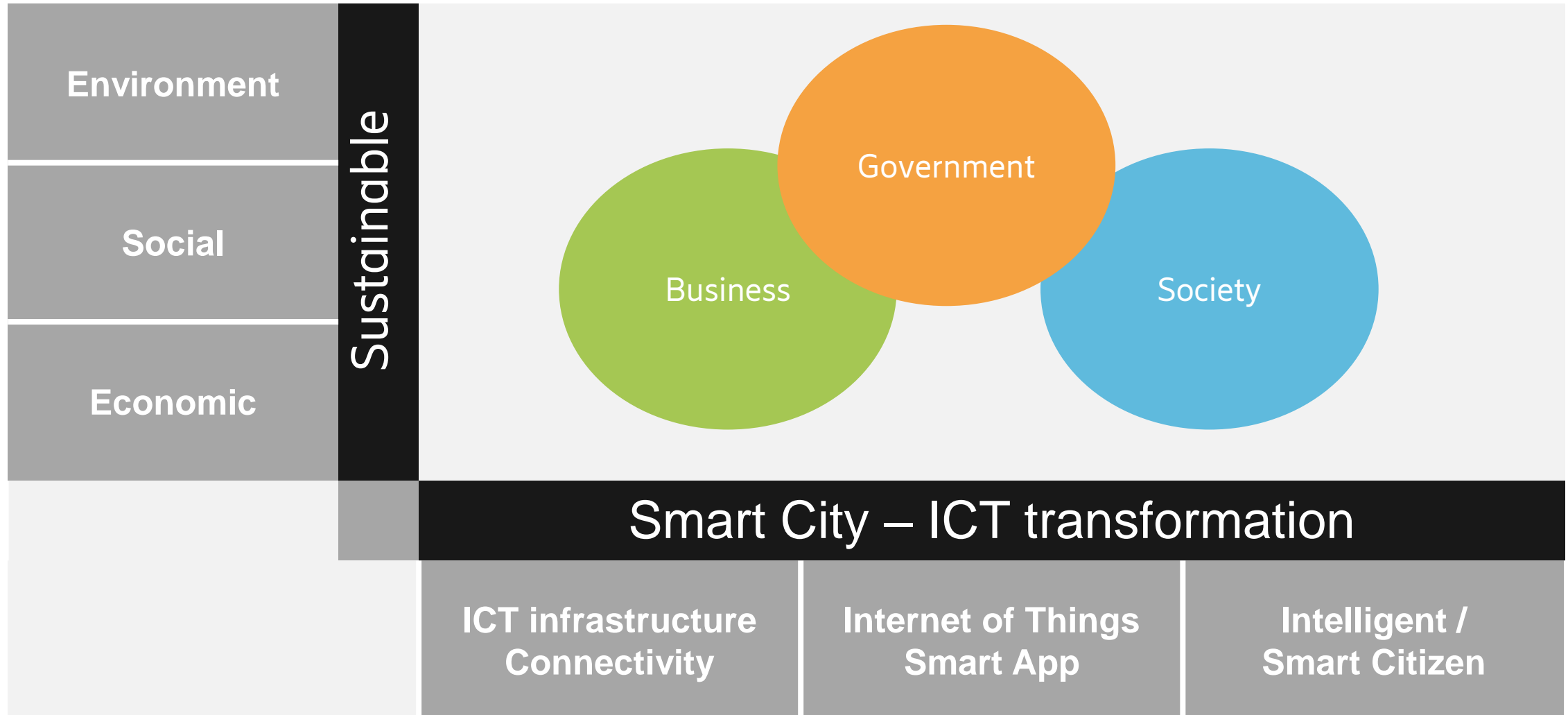


HOUSING



LONG FOOD MILE

Smart Sustainable Cities

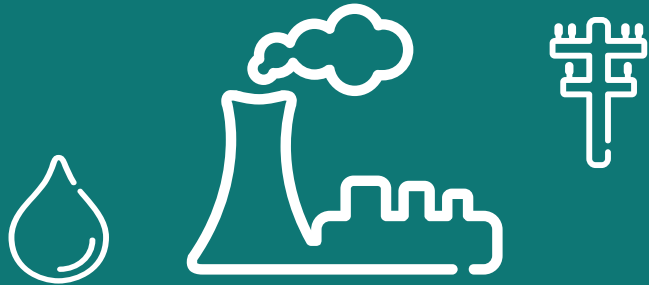


Three focused sectors

For Smart Sustainable Cities



Utilities



Realize connectivity
and data analytics in
Smart Grids

Transport



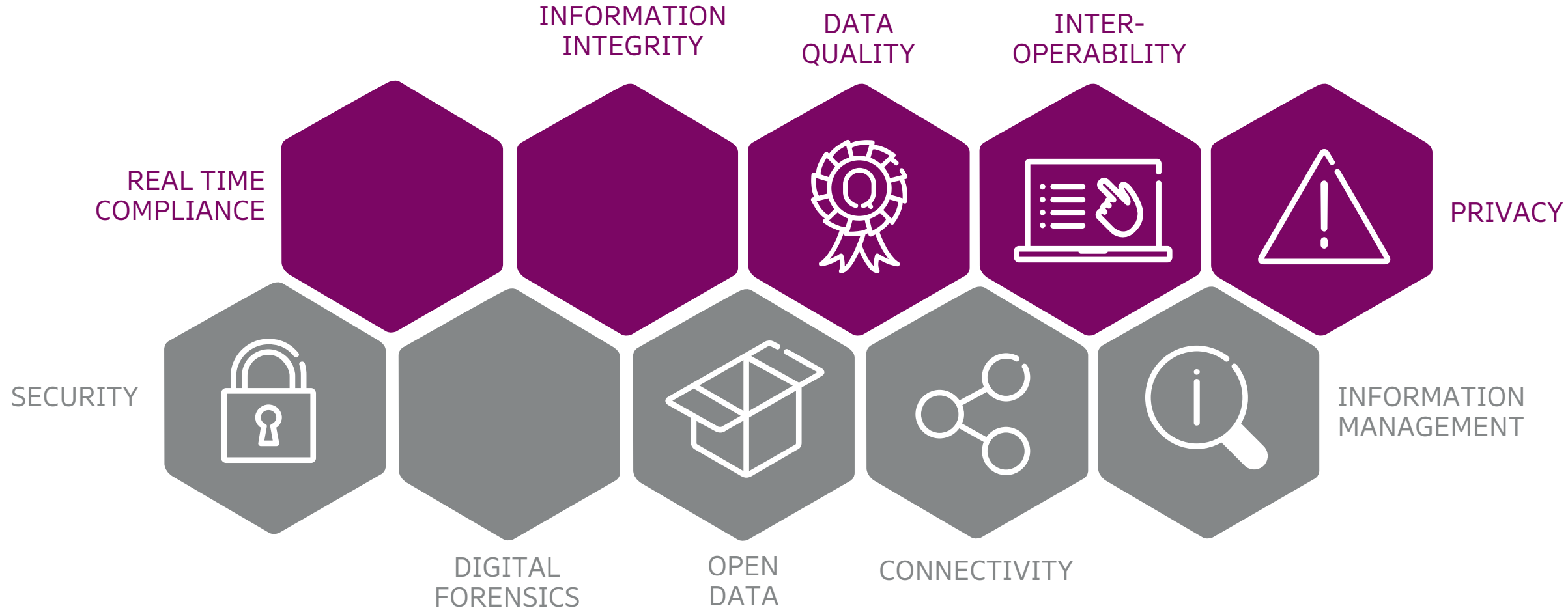
Enable Intelligent transport
systems for vehicles,
travelers and infrastructure

Safety & security



Complement mission
critical voice with
multimedia services

Challenges as well opportunities



Ericsson bringing unique Cross-Industry platforms



Customer Experience Management



UTILITIES



TRANSPORT



PUBLIC SAFETY



OTHER INDUSTRIES

Security & Information Management

Device Management

Connectivity Management : Industry differentiated performance

Network Infrastructure: Private & Public.

TEXT

15%

reduction in
global GHG
emissions from
ICT by 2030

Source: Ericsson Research
2015 September paper issued
at ICT4S conference

Reference cases

SUSTAINABLE URBANIZATION

Case: Stockholm Royal Seaport.
Support Stockholm Royal Seaport to reach its vision for “A world class environmental urban district”.



Global expertise on optimal smart grid operation

PUBLIC SAFETY

Case: San Jose Dos Campos.
Develop real-time observation, dispatch and information sharing for multiple agencies.



5 year managed services commitment

CONNECTED BUSES

Case: Curitiba's 1,928 buses.
Fleet management system where 3.2 million citizens benefit from electronic ticketing and a range of services.



ICT solution, M2M connectivity and eco-system applications



Conclusion

