



EFFICIENCY

Smart City – Vision or Reality

Reto Steinmann

Country President Schneider Electric (Schweiz) AG

The world becomes more intelligent

Technological advances bring us closer together. Global cooperation has never been closer.



Schneider Electric leading the digital transformation of energy management and automation

Key figures for 2018

5% of revenues devoted to R&D

€26 billion

2018 revenues

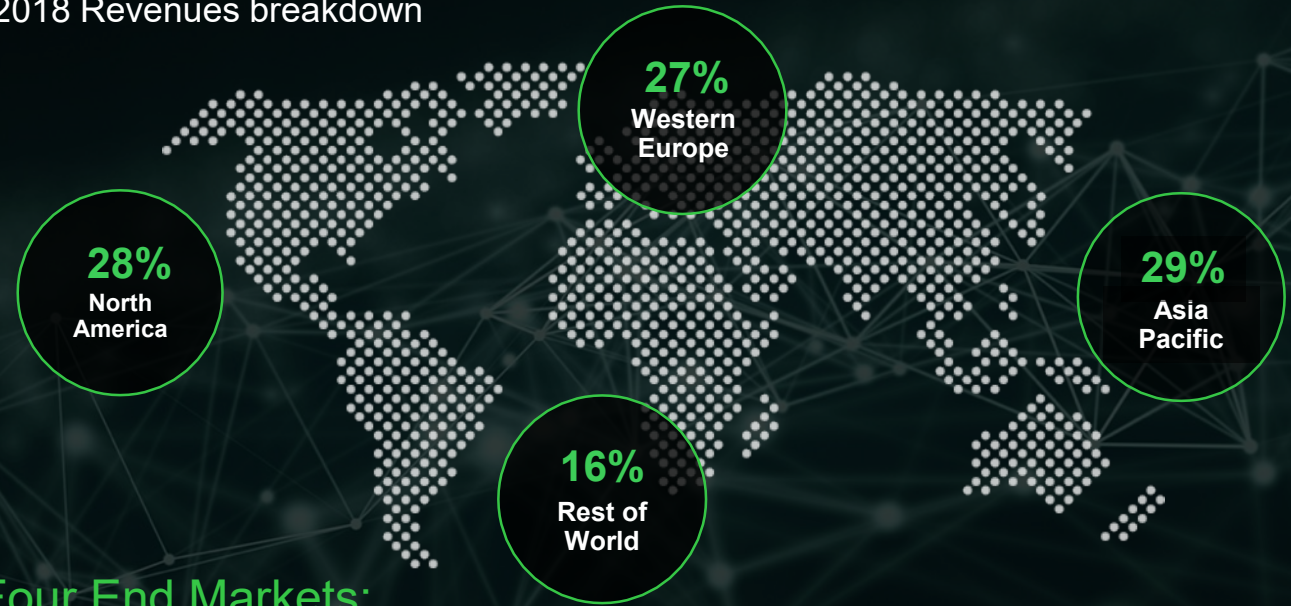
42%
of revenues in new economies

137,000+

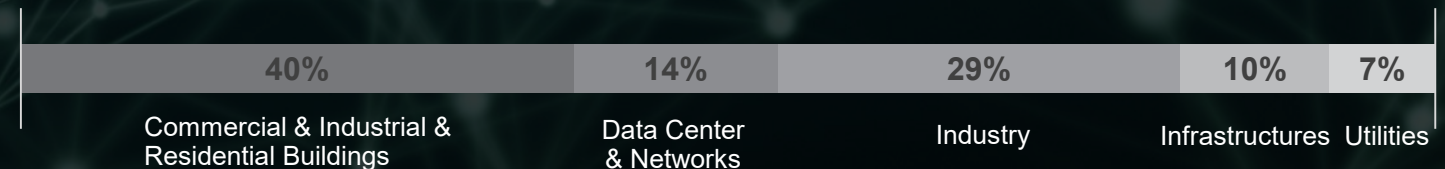
Employees in over 100 countries

A well-balanced global presence

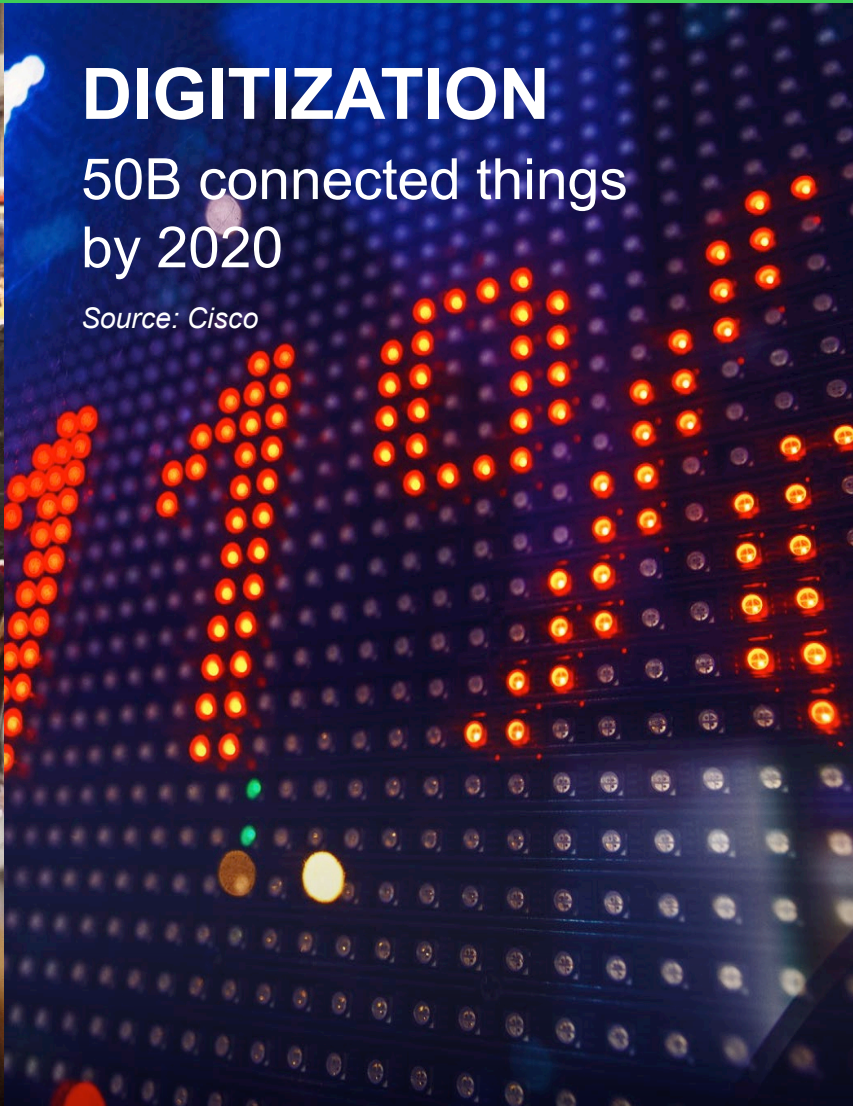
2018 Revenues breakdown



Four End Markets:



Schneider Electric leading the digital transformation of energy management and automation



Life Is On when life is...

POWERED

X2

Worldwide power capacity by 2040
(BNEF, 2017)

+83%

New capacity additions in renewables
by 2040 (BNEF)

Power leads

Global investment in electricity overtakes
Oil & Gas for the first time in 2016 (IEA 2017)

30%

Of vehicle stock running electric by 2040
(BNEF)



DIGITAL

10X more

incremental connected devices than
incremental connected people by 2020
(IHS, March 2016; UN population stats)

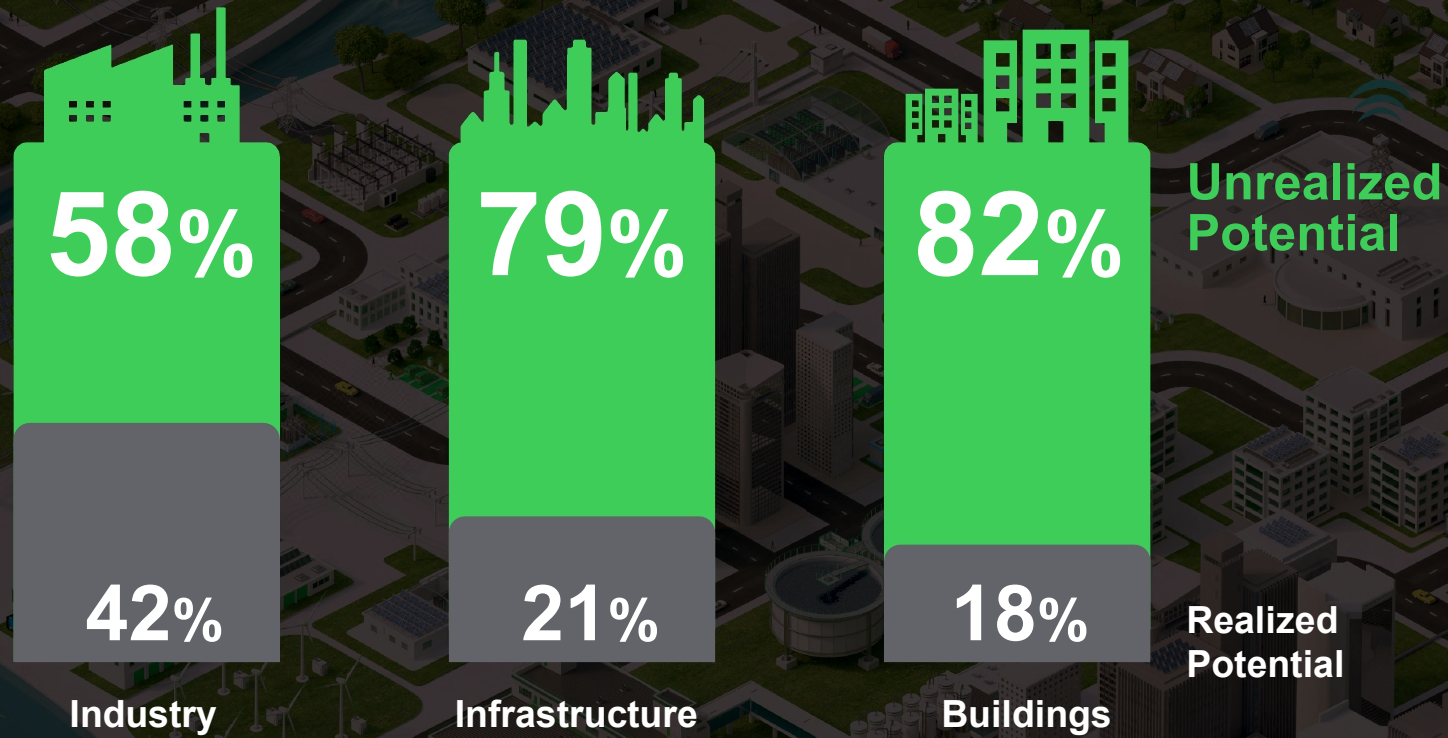
+25%

CAGR YoY growth of IP traffic

+40%

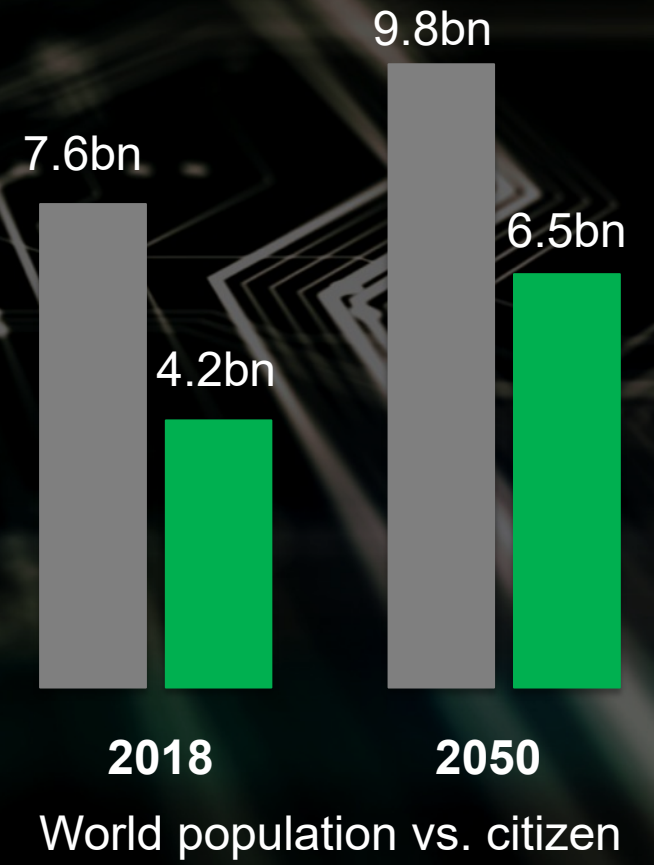
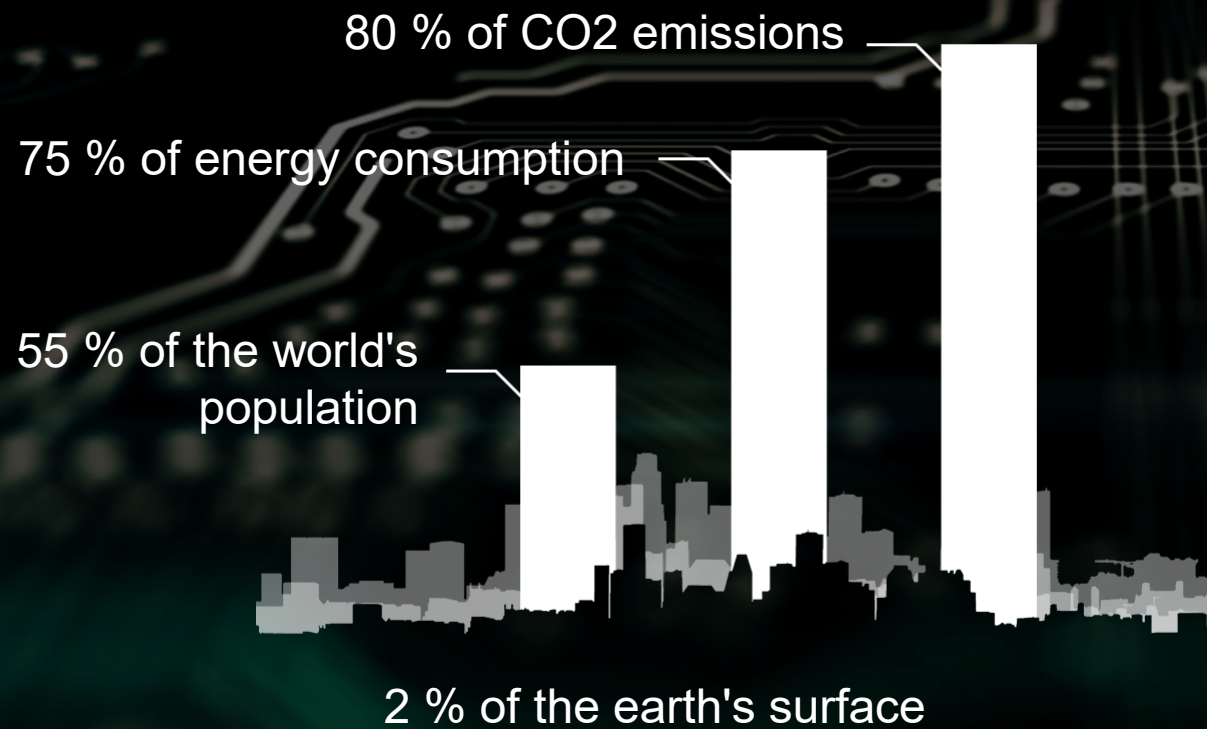
productivity by 2035 thanks to new
automation techniques (EPSC
2018)

We have massive untapped efficiency potential



Source : World Energy Outlook 2012, OECD / IEA, Internal analysis

Our cities are growing

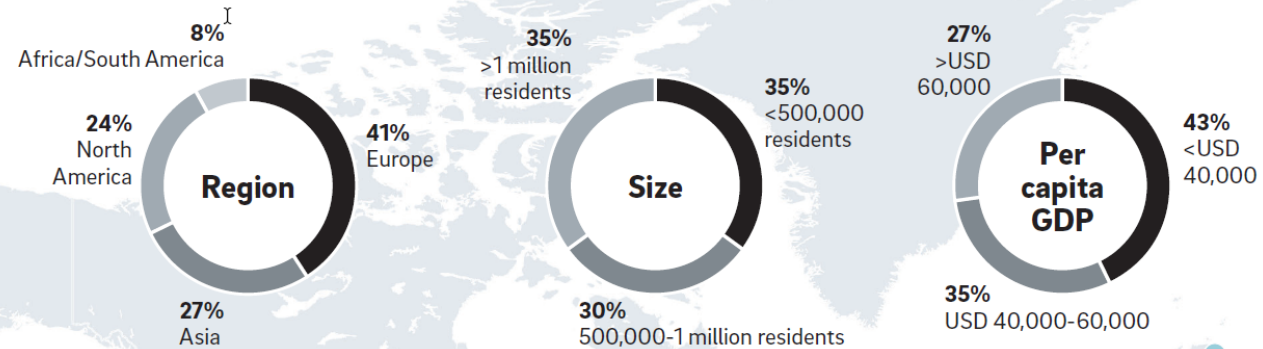


Smart Cities – The Glory of the future?

153 cities worldwide have an official Smart City strategy

THEY ARE FOUND ACROSS REGIONS AND IN ALL SIZE AND WEALTH CATEGORIES

Strategies by category [%]



MORE DIGITIZED and MORE DECARBONIZED

Connected from Plant to Plug with demand side active energy and grid efficiency



-  Efficient Homes
-  Efficient Buildings
-  Efficient Data Center
-  Efficient Industries

The drivers of Smart Cities

Buildings

- Facility Management
- Home Application
- Construction

Government

- E-services
- Digital public administration
- Civil security

Education

- Education Platforms
- Learning formats
- Digital skills

Health

- Health Information System
- Ambient assisted living
- Telemedicine

Mobility

- Traffic Management
- Multi Modality
- Logistic

Energy & Environment

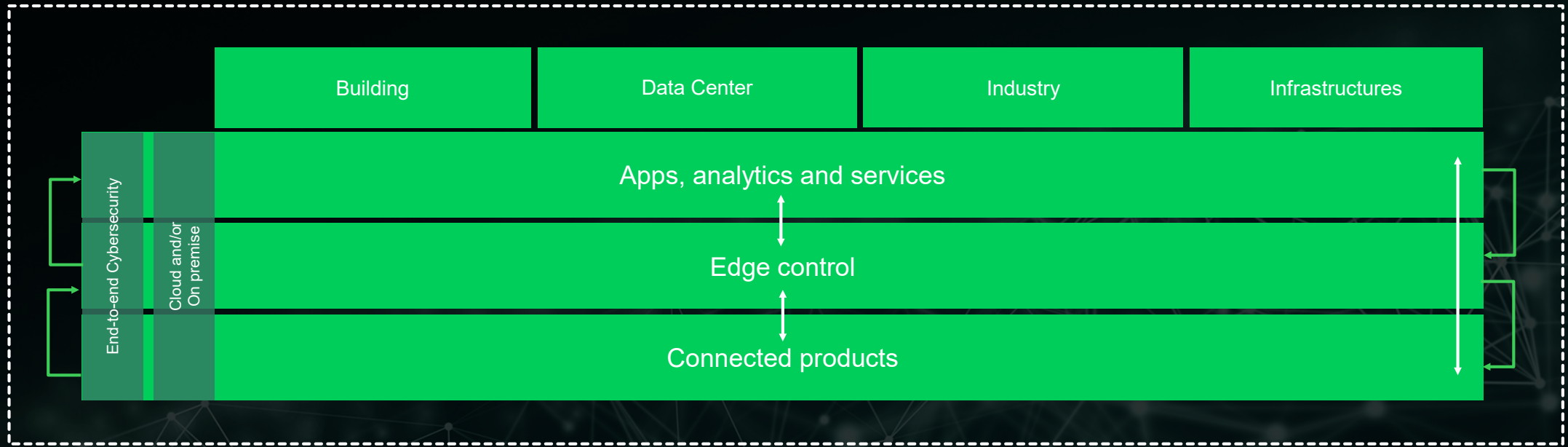
- Energy Management
- Water Management
- Waste Management

We help our customers carry out their digital transformation thanks to our EcoStruxure architecture and platform

ECOSTRUXXURE

EcoStruxure™

Innovation At Every Level



EcoStruxure
Building

EcoStruxure
Power

EcoStruxure
IT

EcoStruxure
Machine

EcoStruxure
Plant

EcoStruxure
Grid



EcoStruxure™ EUREF Campus Berlin

Life Is On

Schneider
Electric

A growing and increasingly important community

Open Ecosystem & Community

480,000 sites deployed	20,000+ Developers and System Integrators
3,000 Infrastructures and Utilities	650,000+ Service providers and Partners

+2M
assets under management

+34% YoY growth

Digital Alliances



Smart City – Life is On

It's not any more a Vision- it's a living reality

Life Is On

Schneider
Electric