

Delivering urban efficiency through collaboration. Today.

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CEBC Smart City, 9 June 2014



At a glance



Introducing
Schneider Electric

Schneider Electric – the global specialist in energy management

24

billion € sales in 2013

43%

of sales in new economies

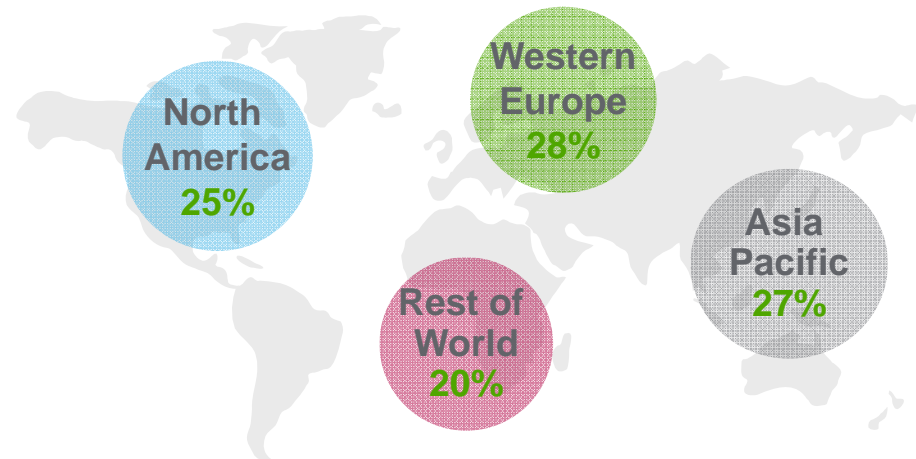
150 000

people in 100+ countries

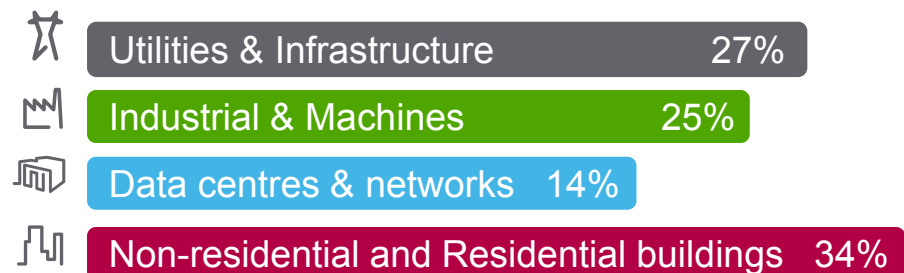
4–5%

of sales devoted to R&D

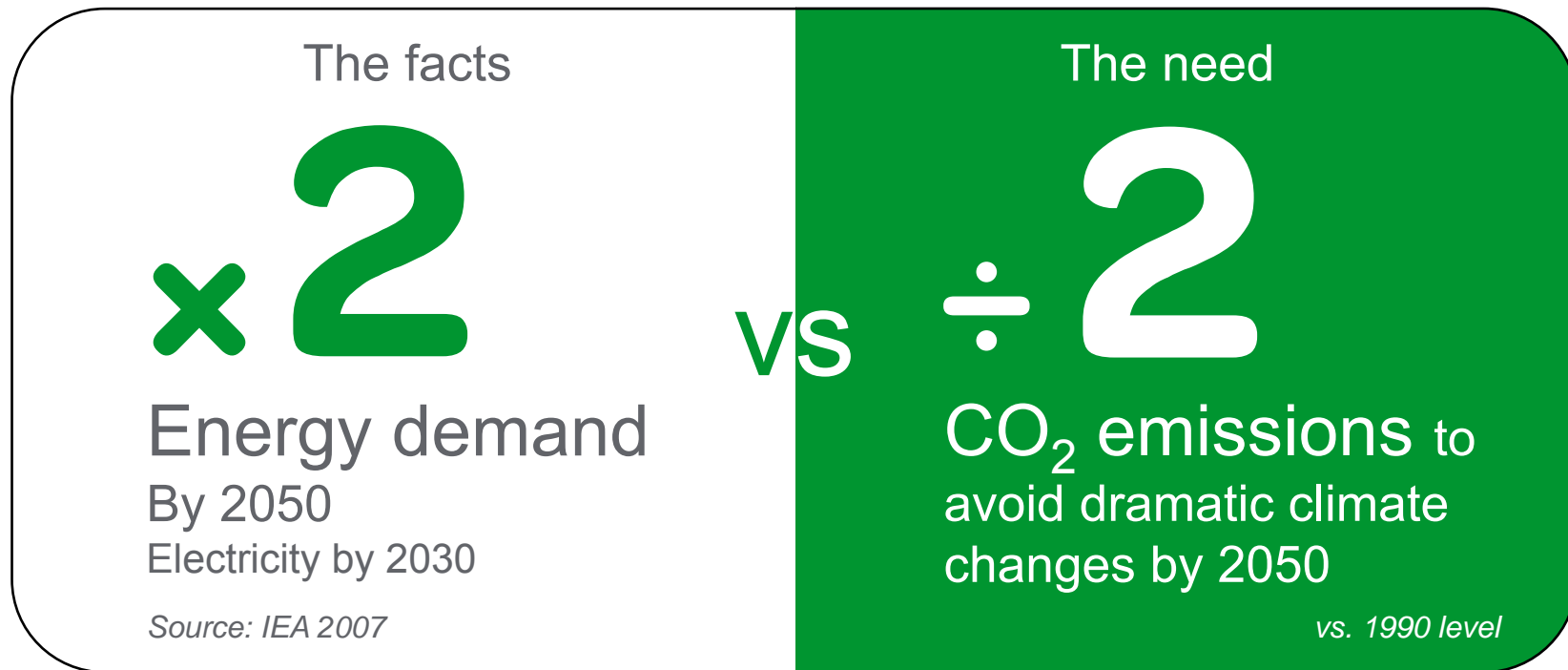
Balanced geographies – FY 2013 sales



Balanced end markets – FY 2013 revenue



The Energy challenge is the cornerstone of our business strategy



we want to help address this challenge



Cities, cities everywhere...
...and all of them different.

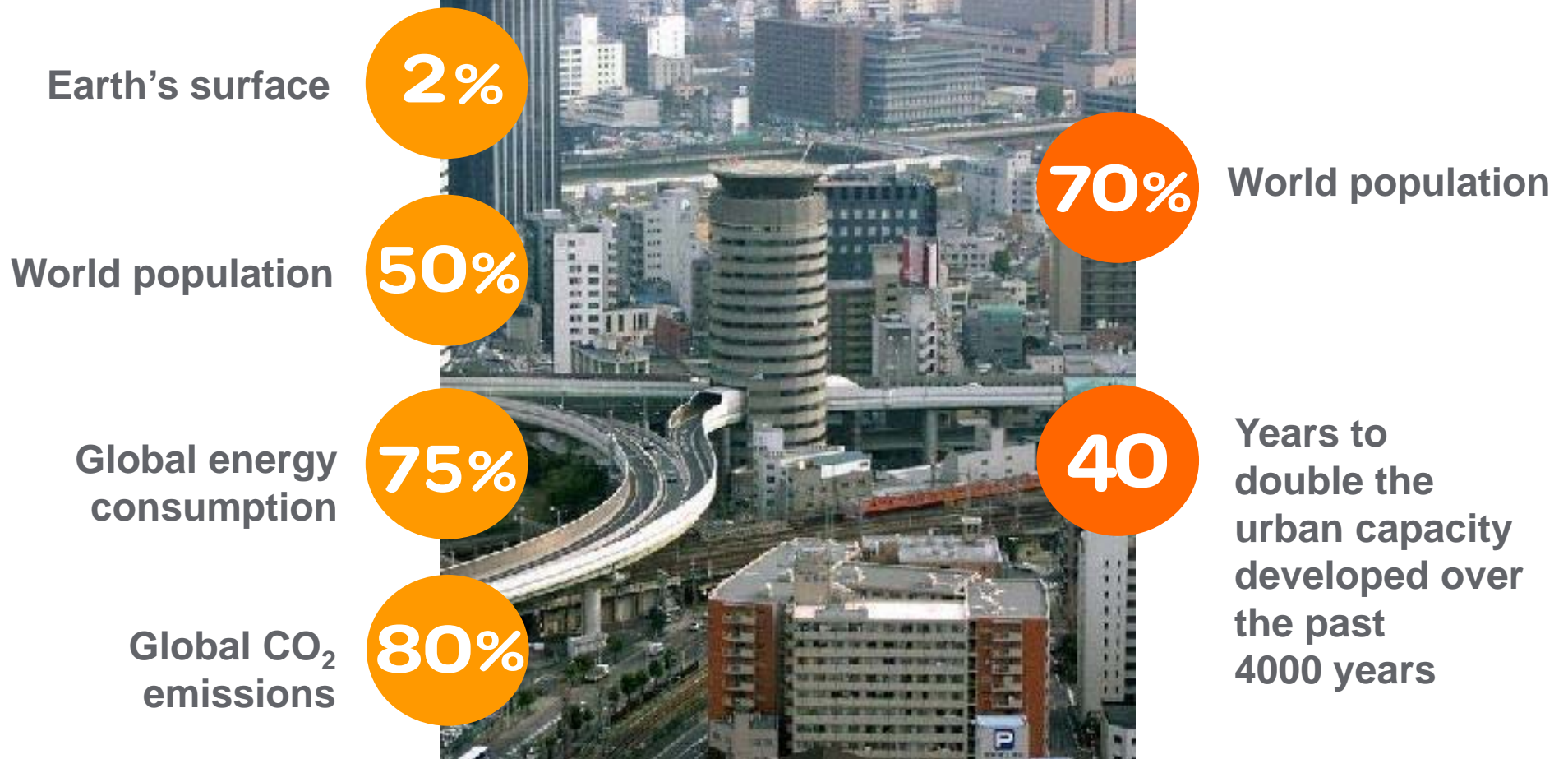
So what makes a city 'smart'



Cities: from global challenges...

Cities today...

...and by 2050



...to local priorities...

History, culture, size, geography, economy make each city unique.



...via regional specifics.



Cities need to attract investment, jobs and talent!

Infrastructures are a city's building-blocks

Efficient infrastructures are a Smart City's building-blocks





Getting to 'smart'.

What is the journey?

'Smart' is a change management journey

City Government as leader Citizens at the centre.

Technology as enabler. Business as partner.

From siloed systems...
...To smart infrastructures

- Smart energy
- Smart transportation
- Smart water
- Smart buildings
- Smart public services
- Smart integration

From urban challenges...
...To urban attractiveness

- Urban planning
- Resilience
- Resource efficiency
- Sustainable mobility
- Innovative services
- Sustainable model

From multiple stakeholders...
...To engaged community

- City leadership
- Engaged citizens
- Collaborative business
- Active academia

5 success factors to 'smart'

1 Share the vision

- ✓ Smart local community
- ✓ Citizen-centric vision
- ✓ Holistic roadmap

2 Lay the foundations

- ✓ Efficient infrastructures
- ✓ Leveraging (OT & IT)
- ✓ Delivering measurable value

3 Integrate *selectively*

- ✓ Integrating [OT+ IT] selectively
- ✓ Reinventing organization & processes
- ✓ Providing new, better services

4 Make stakeholders collaborate

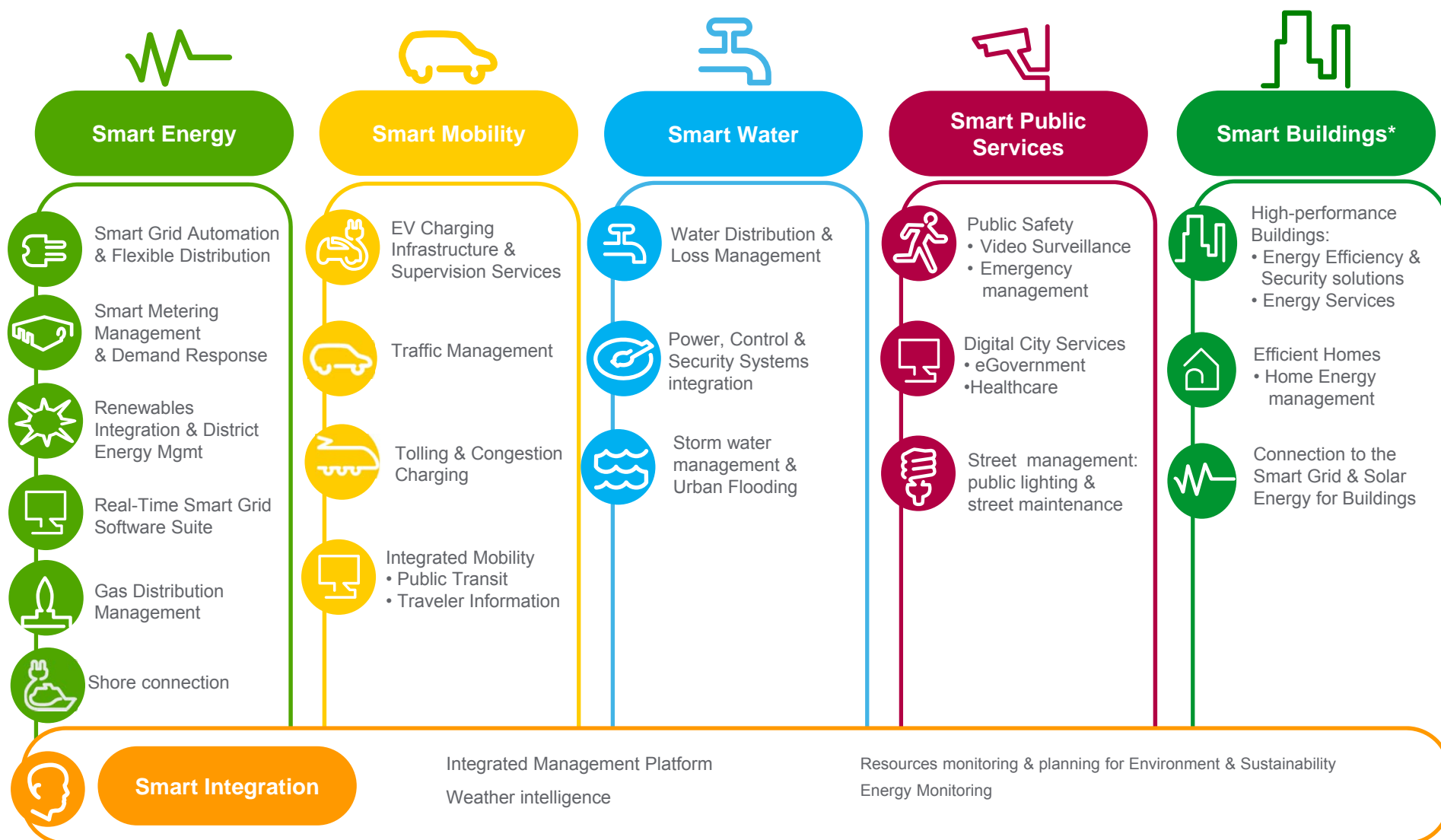
- ✓ City + people + business
- ✓ Global + local industry
- ✓ Multiple sectors and city domains

5 Innovate *pragmatically*

- ✓ Technical, financial & organizational
- ✓ Breaking down barriers
- ✓ Driving change

Solutions to cities' needs

Improving operating systems through expertise in Operational & Information technology





City Government as leader

Citizens at the center

Technology as an enabler

Schneider as ONE of the partners

Collaboration to make it all happen

No company or organization can deliver a Smart City alone





We walk the talk

Urban efficiency is real:

Over 200 references worldwide

- 
- Aix-en-Provence
 - Angers
 - Cannes
 - Grenoble
 - Lyon
 - Nice
 - Paris
 - Athens
 - Budapest
 - Florence
 - Genova
 - Milano
 - Naples
 - Rome
 - Venice
 - Verona
 - Riga
 - Riga
 - Cluj
 - Bucharest
 - Moscow
 - Novochebksary
 - Celje
 - Alicante
 - Almeria
 - Avilés
 - Barcelona
 - Bilbao
 - Cadiz
 - Cartagena
 - Cordoba
 - Cuenca
 - El Ejido
 - Emasca (Cordoba)
 - Huesna
 - Leon
 - Madrid
 - Malaga
 - Murcia
 - Oviedo
 - Palencia
 - Pontevedra
 - Sabadell
 - Salamanca
 - Santiago de Compostela
 - Seville
 - Valladolid
 - Vitoria
 - Zamora
 - Zaragoza
 - Stockholm
 - Berlin
 - Oskarshamn
 - Høje-Taastrup
 - Sankt Wendel
 - Strasbourg
 - Hirsholm
 - Ostfold
 - Buenos Aires
 - Cordoba
 - Rosario
 - Belo Horizonte
 - Recife
 - Rio de Janeiro
 - Sao Paulo
 - Santiago
 - Valparaiso
 - Oviedo
 - Palencia
 - Carrollton, TX
 - Eugene, OR
 - Cheaseapeake, VA
 - Chicago IL
 - Clinton, OK
 - Fairbanks, AK
 - Columbus, OH
 - Contra Costa, CA
 - Farmington, MN
 - Memphis, TN
 - Mobile, AL
 - Puebla City
 - Radford, VA
 - Nashville, TN
 - Newton, KS
 - Jersey City
 - New Orleans, LA
 - Raleigh, NC
 - New York Statewide
 - Salem, VA
 - Palm Beach, FL
 - Pennsylvania Statewide
 - Pittsburg, PA
 - Sherbrooke, Quebec
 - Oran
 - Rabat
 - Tunis
 - Cairo
 - Jeddah
 - Medina
 - Mecca
 - Lebanon
 - Abu Dhabi
 - Haifa



In conclusion...



Smart Cities is not a concept – it is about urban efficiency, and it is happening today.

We understand what it takes. We make Smart Cities a reality.