## Strategy Presentation

Jean-Pascal Tricoire Chairman & CEO - Schneider Electric



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### Disclaimer

All forw ard-looking statements are Schneider Electric management's present expectations of future events and are subject to a number of factors and uncertainties that could cause actual results to differ materially from those described in the forw ard-looking statements. For a detailed description of these factors and uncertainties, please refer to the section "Risk Factors" in our Annual Registration Document (which is available on <u>www.schneider-electric.com</u>). Schneider Electric undertakes no obligation to publicly update or revise any of these forw ard-looking statements.

This presentation includes information pertaining to our markets and our competitive positions therein. Such information is based on market data and our actual revenues in those markets for the relevant periods. We obtained this market information from various third-party sources (industry publications, surveys, and forecasts) and our own internal estimates. We have not independently verified these third-party sources and cannot guarantee their accuracy or completeness and our internal surveys and estimates have not been verified by independent experts or other independent sources.



### Key takeways from our Investor Day

- Committed to profitable growth & believe some past headwinds are beginning to ease
- Unique set of energy and efficiency technologies, strategically positioned on Demand-side
- Accelerating our high-performing businesses: Building, IT and Industry, turning around Infrastructure.
- Well advanced in **digitization** and already solving real customer issues through **Ecostruxure**
- · Working systematically on margin improvement through identified levers
- Prioritizing on earning growth and shareholder value



## An integrated and leading company with an attractive return to its shareholders



A Pure Play In Energy And Efficiency Connected Solutions A Focused Company An Integrated Model A System For Execution

Attractive Earnings Growth Strong Shareholder Focus



## A pure play in energy and efficiency connected solutions

















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## Our technologies ensure that everywhere, for everyone and at every moment.

Life Is On | Sc

# Life Is On when life is...

## ENERGIZED.

+50% energy consumption by 2050 due to urbanization, Industrialization, digitization.

- Electricity to grow twice faster than energy consumption
- 2.3 bn people do not have either access or reliable access to electricity

## EFFICIENT

• 3X efficiency needed to solve climate change

• 82% of untapped energy efficiency in buildings

• 50% of untapped energy efficiency in industry

## CONNECTED

• **10X** more incremental connected devices than incremental connected people by 2020

- 30bn connected things by 2020
- Software runs everything

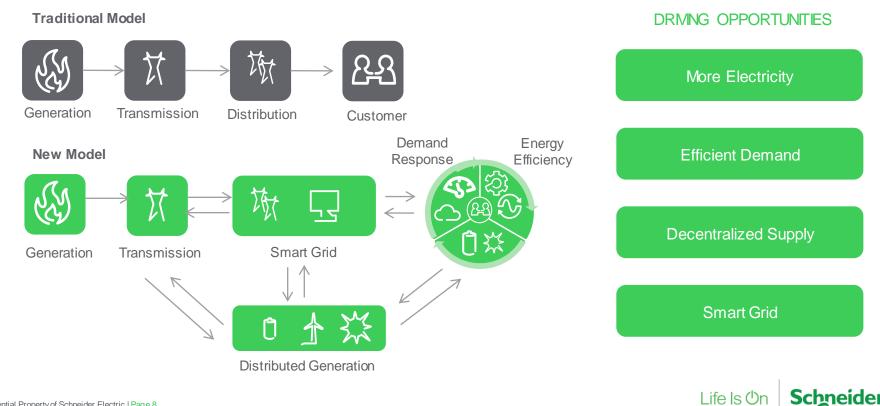
## Schneider makes life Safe, Reliable, Efficient, Sustainable and Connected

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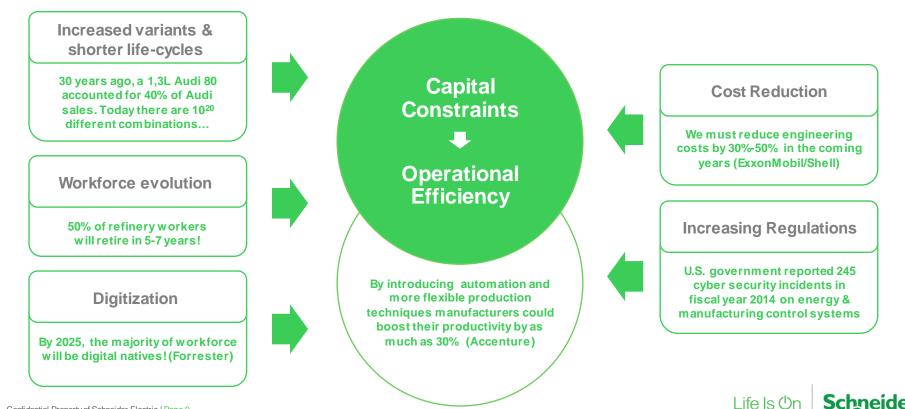
Sources : Industry Reports

Life Is On

## The World of Energy gets redefined ... creating opportunities



### ... as well as the world of Efficiency



### Energy as a Source of Operations efficiency



Industry Productivity & Operational Benefits

**2.5 X** 

the value of energy savings depending on value and context of investments

Source:: IEA

Energy Saving Potential in Industrial Processes

>20%

Energy as % of total Cost in Key Industries 10-35%

**Power Outages Cost** 

> \$27Bn/yr Cost of Power Outages for US Business

Source:: ICF Consulting Limited

Source: McKinsey

Source: E Source



## We are the global specialist in energy management and automation, and we have positioned >90% of our business on Energy Demand side

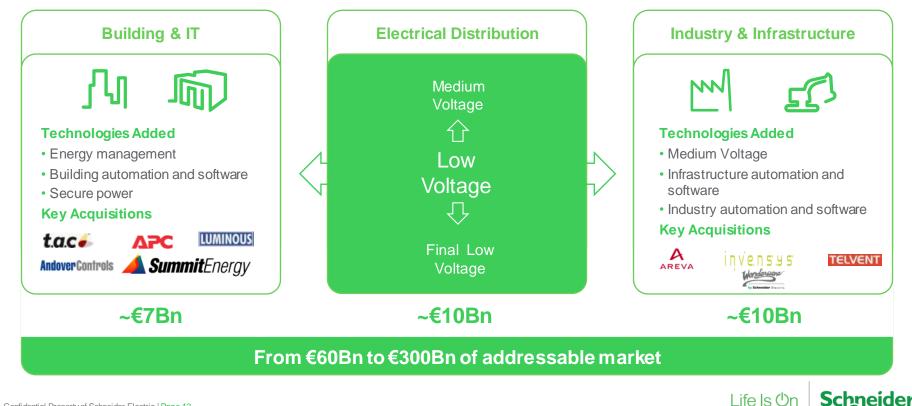


<sup>1</sup> As % of Schneider Electric revenues



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## We have expanded from our Energy core into Efficiency for our two major families of End Markets



## ... serving customers with two complementary models

<ul> <li>Integration through channel and partners</li> <li>Largest partner network</li> <li>Largest product offering</li> <li>All standards for all geographies</li> <li>Higher R&amp;D</li> <li>Branding</li> <li>Digital experience</li> </ul>	<ul> <li>Integration through solutions</li> <li>Application centers</li> <li>Segment expertise</li> <li>Differentiated software</li> <li>Integrated architecture</li> <li>Life cycle services</li> </ul>



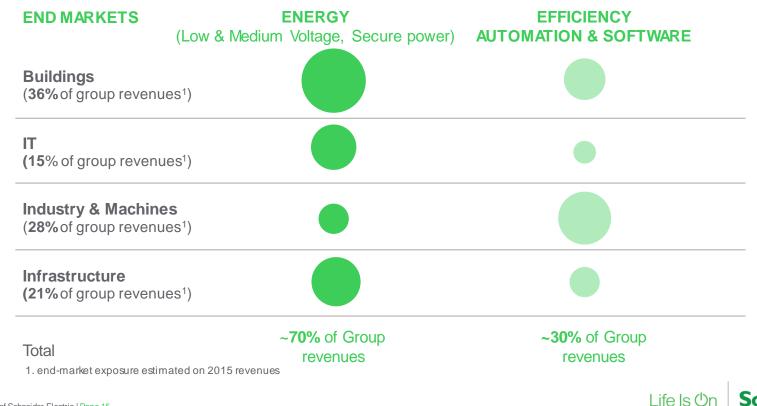
## And focusing on four global, leading, synergetic businesses

Key technologies	Low voltage & Building automation	Critical power & cooling, services	Discrete & process industrial automation	Medium voltage & Grid automation
Activity in Schneider Electric	Building	IT	Industry	Infrastructure
2015 revenues (€ bn)	11.9	3.7	5.7	5.4
2015 Adj. EBITA Margin (%)	18.0%	17.6%	17.1%	9.1%
Worldwide position	#1	#1	#2 discrete #4 process	#1
	Serving our 4 end-markets			

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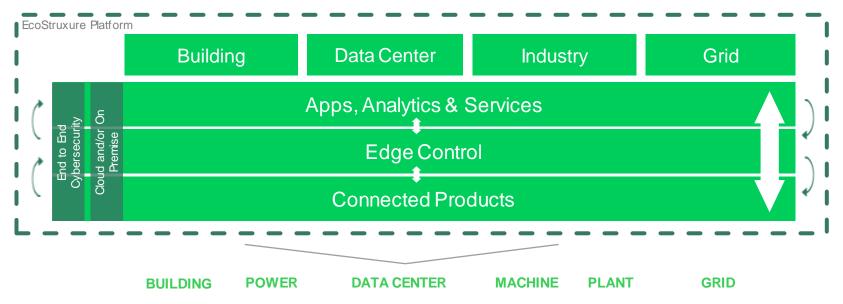
ler

## We converge Energy and Efficiency solutions for our four markets



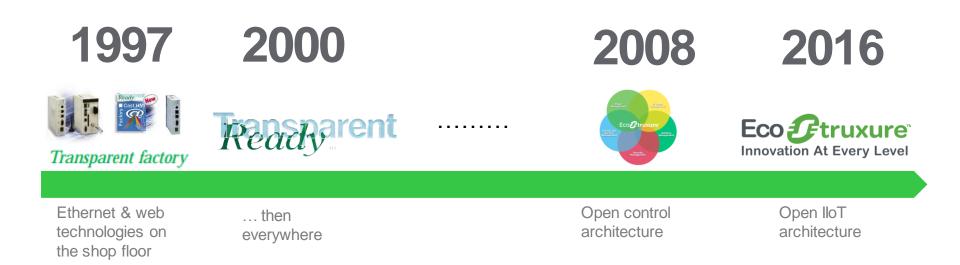
## ... delivered through EcoStruxure solutions, in 4 End Markets, structured in 6 Architectures and 3 Layers







We see the Industrial Internet of Things as an "evolution" not a "revolution"

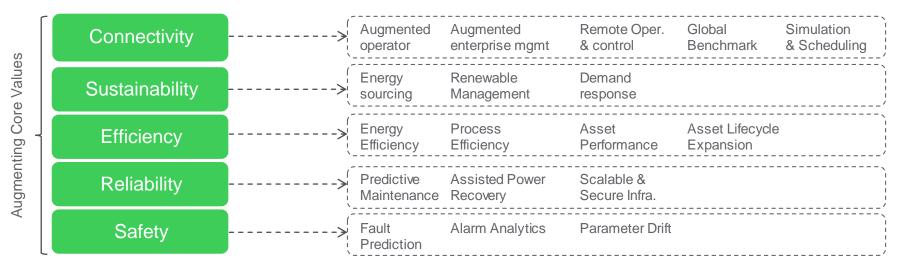




### EcoStruxure augments the values we deliver to customers

#### CONNECTIVITY, TRANSPARENCY, CLOSED LOOP

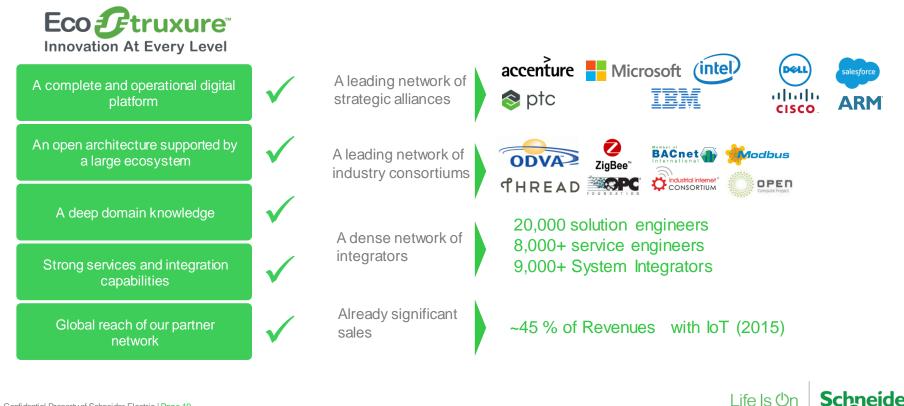
#### REDEFINING THE FULL VALUE ADDED FOR CUSTOMERS



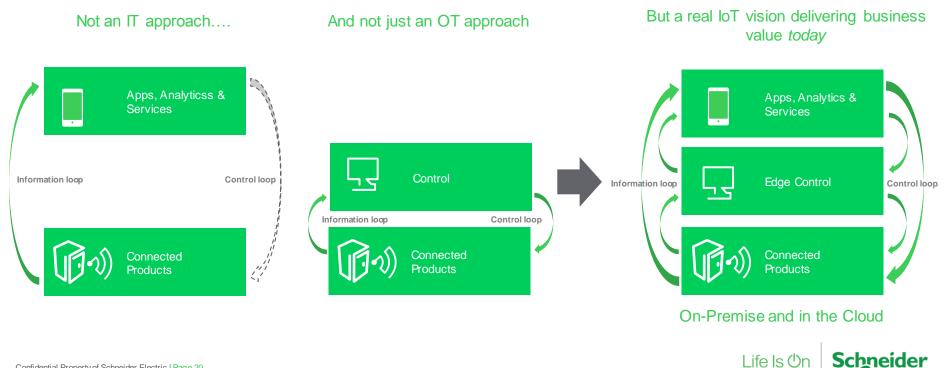
Enabling value across machines and across premises



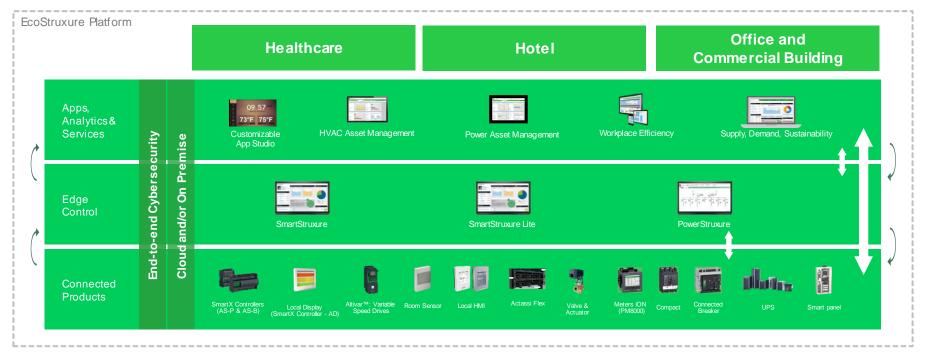
## EcoStruxure is supported by a deep domain knowledge, services and integration capabilities, and an open ecosystem of partners



## EcoStruxure delivers today an IoT end-to-end mission that transforms insights into business value







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## Majunga New "Tower in La Défense

Implementing building selectrical distribution with digital solutions and services

#### **The Customer**

**195 m** tall office building with 45 floors and serving **5000** employees in Paris Business District

#### **Customer Challenge**

• Comfortable, productive workenvironment

• Reduce energy consumption & carbon footprint

#### **The Solution**

SmartStruxure

• WorkPlace Efficiency

#### The Results

- Energy Consumption of less than 80 kWh/PE/m2 year
- 4 times more efficient than other office buildings



Apps, analytics, and services

Edge control

Connected



Workspace Efficiency



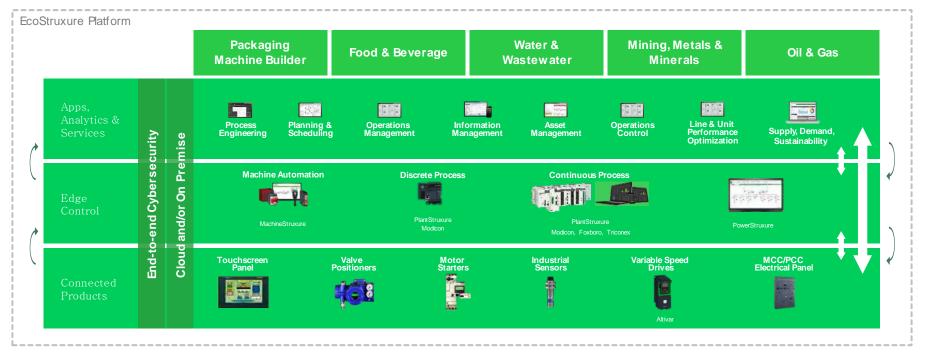






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## Eco Fruxure Industry & Infrastructure





## Major Water Utility in Belgium

Driving the optimization of infant formula



#### **The Customer**

- A major Belgian water utility
- Producing and distributing water of the highest quality to hundreds of thousands of citizens since 1986

#### **Customer Challenge**

• Reduce OPEX (energy and staff) to free up CAPEX for netw ork infrastructure upgrades

#### The Solution

- · Energy accounting and sustainability
- Integrated software solutions
- Centralized control and data management, automation, electrical distribution

#### The Results

- Improved operational efficiency and reliability
- Meet OPEX reduction goals without reduced productivity





## Yashili in New Zealand

Driving the optimization of infant formula



#### The Customer

- The \$200 million facility measuring some 30,000m2
- Produces six types of infant formula
- Annual capacity of around 52,000 tonnes

#### **Customer Challenge**

• Demands great accuracy in terms of mixing ingredients in the right quantities

#### **The Solution**

- PlantStruxure
- Vijeo Citect

#### **The Results**

• ERP communicating directly with the PLCs helped to minimize any possibility of the human error factor w hen the different ingredients are mixed





### Premier FMCG in Durban Modernizing aging systems



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#### The Customer

- Total capacity of 800,000 tons of w heat per annum
- 16 bakeries, 5 w heat mills, 24 distribution depots across South Africa

#### **Customer Challenge**

• Modernize aging control, automation, and electrical systems in w heat mills.

#### **The Solution**

- PlantStruxure
- Vijeo Historian
- Modicon Controllers
- Altivar Process Drives

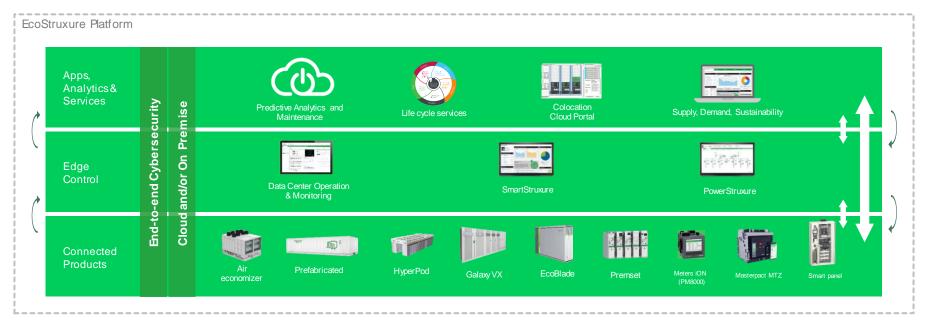
#### The Results

- Cost effective engineering
- Advanced operation services that reduce dow ntime
- Future ready solution
- Improved energy management
- Robust, scalable, and flexible automation architecture



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## KDDI/Telehouse in China

High performance and high efficiency colocation facility



#### The Customer

• A 25,000 m2 (269,000 square feet) world-class data center with 3,000 racks

#### **Customer Challenge**

- High availability of systems
- Energy efficiency
- High reliability equipment

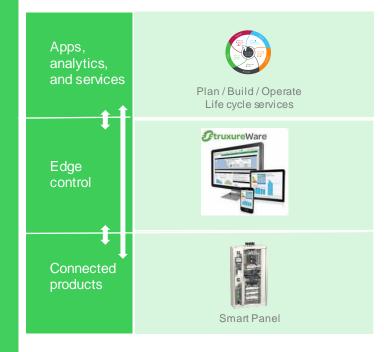
#### **The Solution**

- Struxurew are for Data Centers
- Modular / scalable Infrastruxure
- Plan / Build / Operate services

#### The Results

- 25% in energy savings
- Low er PUE, reach highest efficiency level in China

## Eco Innovation At Every Level Data Center











## NEOEN in France

Powering the future with the biggest solar farm in Europe



 Europe's largest solar farm (300 MW) with pre-assembled grid connection and control systems

#### **Customer Challenge**

• Produce solar energy at a cheaper cost than the new nuclear energy

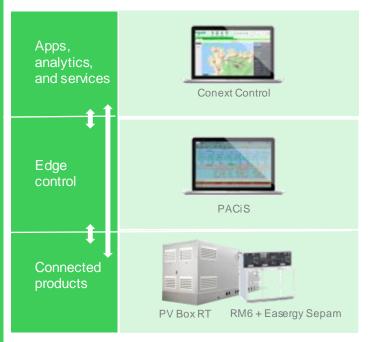
#### **The Solution**

- Integrated and competitive turnkey solution for the entire electrical distribution - 200 PV Box RT units
- Turnkey high voltage substation, and monitoring and control using Conext Control with a dedicated pow er plant controller

#### The Results

• Significant energy and cost savings through the optimisation of the entire electrical distribution solution from plant to plug







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### Integrating more decentralized Demand side generation





## **ONCOR T&D** SYSTEM

Innovative microgrid im proves utility's reliability and optimizes distributed energy resources



#### The Customer

- Largest regulated T&D system in Texas, 6th in the USA
- 10mn customers depend on Oncor for power

#### **Customer Challenge**

- · Ensure uninterrupted delivery of power
- Need for a new microgrid solution to diversify its energy generation assets during extreme w eather and other emergencies

#### The Solution

- Pow erLogicTM Microgrid controller providing real-time management of distributed generation
- StruxureWare Demand-Side Operation, a cloud based platform forecasting & optimizing the production, consumption, and storage of energy in conjunction with external factors

#### The Results

· Greater grid capacity, reliability, and the optimization of distributed energy resources delivering a dynamic, flexible microgrid solution

### Eco **S**truxure<sup>®</sup> Innovation At Every Level





Edge

control

Connected products





Controllers

StruxureWare. PowerLogic Microgrid Demand-Side Operation Cloud Based Microgrid Analytics



StruxureWare PowerSCADA Expert and system engineering



Third Party Pulse Closer, Energy Storage, Switching Systems, Underground **Distribution Switchgear** 



## Schneider solutions adopted in...

450 000 systems... delivered with our 9000 integrators .... connecting more than 1 Billion devices to our Edge Control

20 of the largest Oil and Gas companies

9 of the 10 largest Mining, Metals and Minerals 11 of the top brands within Food & wastewater Beverage plants

1 in 3 buildings use our technology **10** of the w orld's top electric **utilities** 

**3** of the top 4 biggest **hyper scale cloud** providers

 $\tilde{\Sigma}$ 

8 the top 10 packaging machine builders



### And our technology is recognized

Building Management System recognized by Navigant Leaderboard Report for Building Energy Management Systems





ADMS (Advanced Distribution Management Software) recognized by Gartner® Magic Quadrant

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DCIM (Data Center Infrastructure Management) recognized by Gartner® Magic Quadrant for Data Center Infrastructure Management Tools



#### Altivar Process

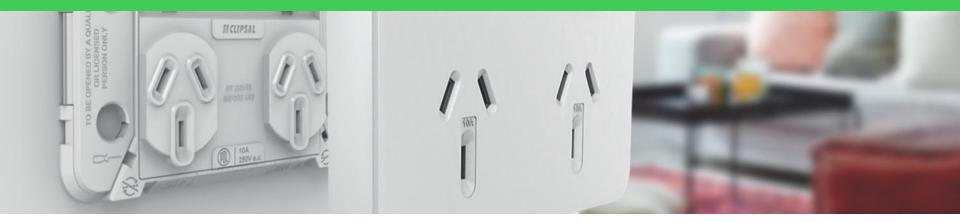
first services oriented drive on the market, awarded a Top Product of the Year award from "Energy Manager Today."



Navigant Research Top Asset Performance Management (APM) September 2016 Verdantix Global Energy Leaders Survey, Software Brands, June 2016 Verdantix Global Energy Leaders Survey, Strategy and Implementation Brands, June 2016 Verdantix Green Quadrant for UK Energy Services, May 2016 IDC Mark etscape for Worldwide Process Manufacturing Execution Systems, April 2016 Navigant Leaderboard Report: Smart City Suppliers, March 2016



## A focused and integrated company with a robust business model







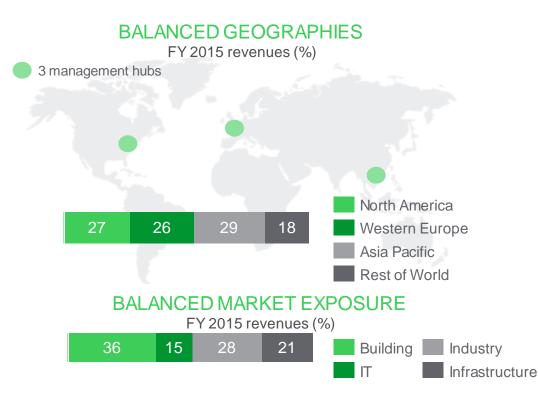
### Our model to deliver value

Based on:	Designed for:	
A global presence	Flexibility	
A balanced exposure	Scale through integration	
A technology focus	Efficiency and execution	
A culture of partnership	Sustainability	





Global and balanced, in geographies and markets with a leading position in new economies



#### STRONG PRESENCE IN NEW ECONOMIES FY 2015 REVENUES



1. Source: IEA World Energy Outlook 2015, New Policies Scenario



# A technology focus

# ~ 5%

#### of revenues devoted to R&D

c. 10,000 people in 25 Countries

Balanced footprint with major R&D sites close to largest markets

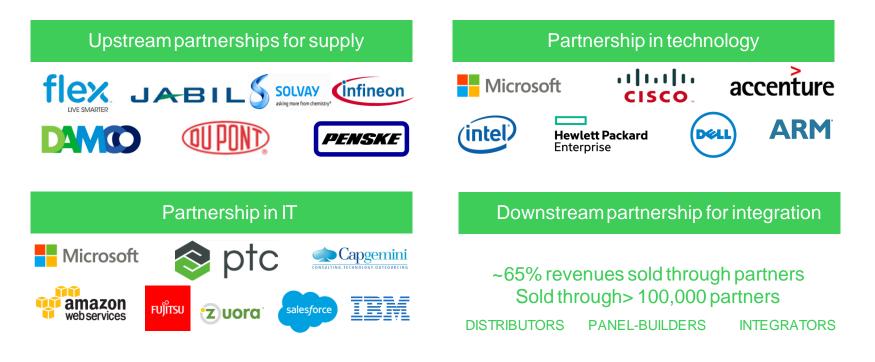
#### **OUR FOCUS AREAS:**

- Push advantage on core offer
- Specific offers for New economies
- Digitization/ EcoStruxure
- Software/ Analytics
- Cybersecurity
- Decentralized generation/ Storage





# A culture of partnership



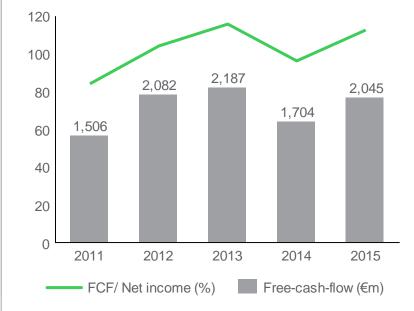


# Flexible through an outsourced cost structure leading to solid cash generation

#### FLEXIBLE AND COMPETITIVE COST STRUCTURE

Flexible business model	~70%COGS variable
Low capital requirement	~3% CapEx per year
Global Supply-chain	~54% <sup>1</sup> of COGS in new eco.
Outsourcing in global functions	~ <b>50%</b> IT outsourced ~ <b>1/4th</b> Finance & HR outsourced

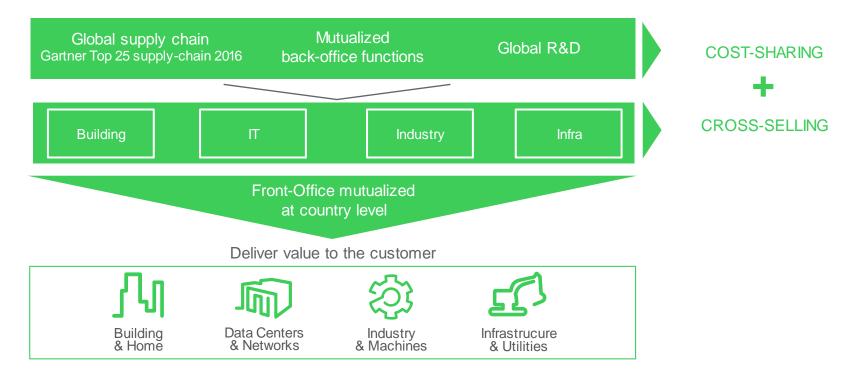
1. Estimated in the end of 2015



#### STRONG AND PREDICTABLE CASH GENERATION



# Scale through integration: cross-selling / cost sharing, leverage of scale





# Scale through our Integrated and Global Supply Chain



> 130 k orders / day> 500 k references



- > 90 distribution centers
- hu
- > 210 factories> 45 countries

**\$**7 >

> 45 000 suppliers> €12B purchases

#### 2016 Gartner. Supply Chain Top 25

Purchasing Efficiency

Lean everywhere

**Industrial Footprint** 

Logistics Network

Transportation

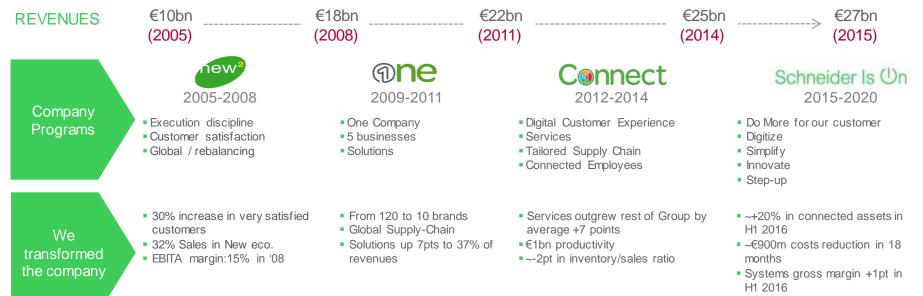
Planning/Orchestration

- Suppliers concentration/grow with strategic suppliers
- 10 years of execution of Schneider Production System
- Rebalancing of manufacturing and sourcing
- Streamlining of manufacturing base costs
- Expertise center in Network modeling with advanced tools
- Transport Providers concentrated and divided by 5
- Best of breed Technologies in our Distribution Centers
  Sales Inventory & Operations Planning supported by best in class technology

~€1bn productivity targeted for 2015-2017



# Efficiency and execution through company programs ...



 +7% org. grow th in services over past 18 months



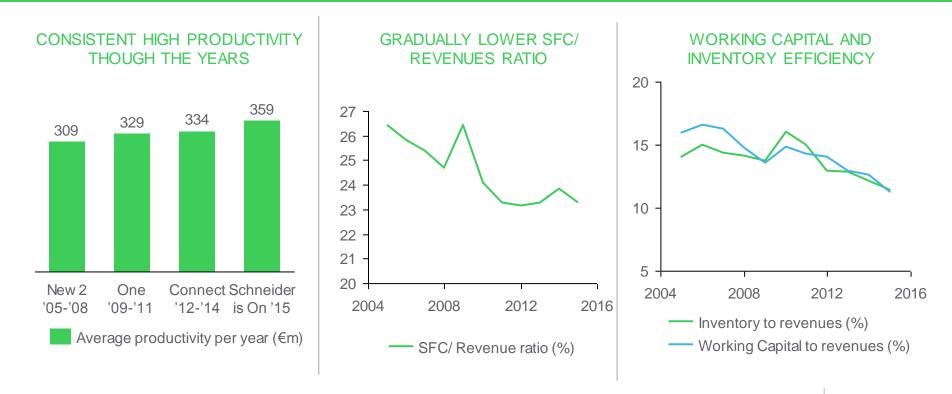
# ... supported by a system of execution

Digital global platforms	<ul> <li>One Customer Platform - 43,000 users, 10m customers interactions on salesforce.com</li> <li>One Digital Engagement Platform - Mobile Experience, Communities,</li> <li>One Human Capital Management Platform, One Enterprise Social Network &amp; Collaboration Platform, One Content Platform – available to all connected employees</li> <li>Other Global platforms under deployment: Field Services, Project, Pricing, Product, Partner Engagement</li> </ul>
Efficiency for performance	<ul> <li>Finance, HR, IT, Communications as Global Shared Services</li> <li>Simplification Programs for productivity</li> <li>Schneider Production Systems in supply chain – delivering &gt;5% labor productivity each year</li> <li>Launching the Schneider Performance System for continuous improvement beyond Supply Chain</li> </ul>
Open Learning Ecosystem	<ul> <li>Energy University - over 500,000 registered users, nearly a million courses taken since its inception; trending annually with 60,000 new users trained with 120,000 courses certification</li> <li>7,000 employees certified on Energy Management and Solutions</li> <li>Academies in major specialties and skills of the company</li> </ul>



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# Translating in continuous progress through our programs



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# Sustainability at the core of everything we do



FORTUNE

Fortune Magazine: #24 / 50 Companies that are changing the world



**DJSI Industry Leader** for the 4th consecutive year



CDP Climate Leader part of the "Climate A list" for the 6th consecutive year

Ethisphere, world's most ethical companies listed for the 6th consecutive year

FTSE4Good: listed for the 1st time since inception in 2001



4th company globally for clean-energy in Carbon Clean 200 List

FTSE4Good

**12<sup>th</sup> most sustainable company in the world** in Global 100 most sustainable corporations



**2<sup>nd</sup> best French company** for the integration of environmental factors in the supply chain (Vigeo Eiris)



# A predictable earnings growth and a strong shareholder focus



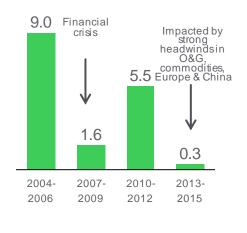


Schneider Gelectric

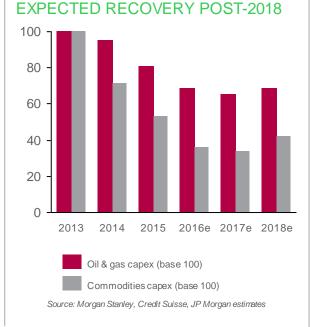
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# Major headwinds impacting growth are set to ease in coming years

#### OUR ORGANIC GROWTH HAS BEEN IMPACTED BY STRONG HEADWINDS

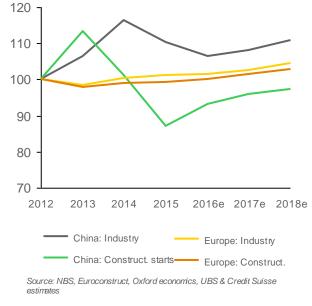


Group organic growth rate (av gin %)



**O&G & COMMODITIES CAPEX** 

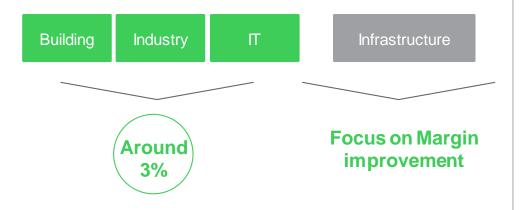
#### EUROPE AND CHINA ACTIVITY EXPECTED TO IMPROVE





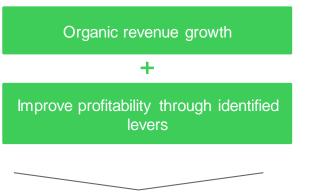
# Solid org. growth in our adj. EBITA driven by revenue growth in 3 divisions and from increased profitability in Infrastructure

#### AVERAGE ORGANIC GROWTH TARGET OVER THE NEXT 3 YEARS...



Organic growth target over the cycle unchanged

#### ...RESULTING IN ORGANIC GROWTH IN OUR ADJ. EBITA IN THE NEXT 3 YEARS



+4-7% average organic growth in our adj. EBITA over the next 3 years



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# A simplified strategy of accelerated growth of our profitable business and improvement in our systems

ADIFFERENTIATED EXECUTION STRATEGY

(Percentage based on 2015 revenues)





# Create value with our #1 partner network

#### WE HAVE THE LARGEST NETWORK **OF PARTNERS IN 190 COUNTRIES**



- Distributors
- Panel builders
- Electricians
- Specialists
- Contractors
- Systems integrators
- IT Channel Partners

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Industry

Data Center

Power

Distribution

Redefined





3-phase power protection with efficiency up to 99% providing the low est operational costs

Altivar Process

for process

environments

The first range of variable speed drives

WE PROVIDE CONNECTED OFFERS

FOR THEIR CUSTOMERS





Achieves better and

earlier ROI with builtin Ethernet capability

processing pow er and

and best-in-class

M580

memory



Masterpact MTZ Combines perf. & reliability with new digital capabilities



Easergy P5 Protection relay with major step forw ard in safety, cybersecurity, & reliability





# Accelerate our development in services

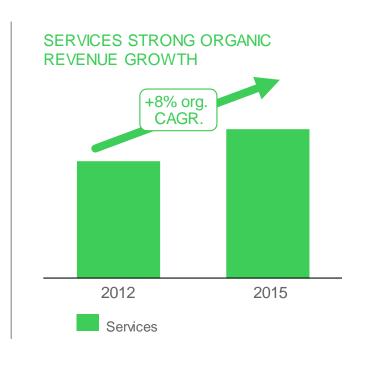
#### **OUR PRIORITIES**

Increase our tracked asset based

Keep deploying our model

Enrich our service value to customers

- +80% on tracked installed based on critical assets since 2014
- Connected assets up +50% since 2014
- Capacity to execute consistently in a global base
- Single customer experience (country mutualization) across all our technologies and for all ranges
- Expanded digital asset perf. management offer
- Specific energy efficiency service packages leveraging our segment expertise
- Digitizing our operations (connected technicians)

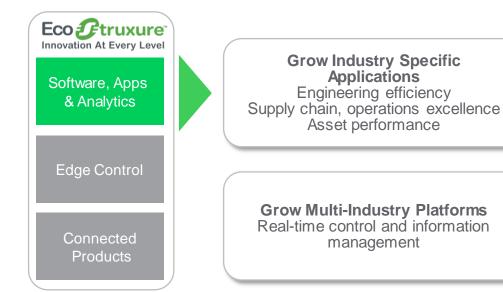




# Grow highly differentiated software



#### FOCUSING ON OUR PRIORITIES TO DELIVER GROWTH



Software outgrew by c. +3% org. rest of the Group in past 12 months to H1 2016



# Leveraging the large offer we have already built



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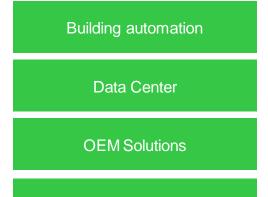
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### Improve our systems

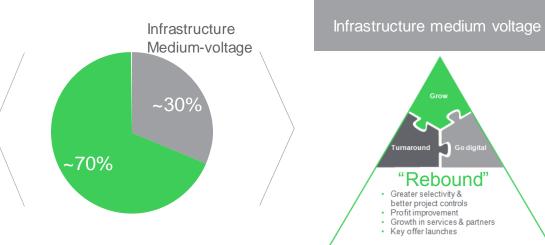
#### GROW DIFFERENTIATED SYSTEMS

GROUP SYSTEMS (Projects + Equipment) ~€8bn Revenues FY15

# IMPROVE PROFITABILITY: MAIN FOCUS IN INFRASTRUCTURE MV



Industry End-Users automation





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# Predictable margin expansion through enhanced project execution

CENTRALIZATION OF CONTROL

INCREASED SELECTIVITY

+

+

IMPROVED PROJECT EXECUTION Project review at pre-defined level: Corporate/ Regional level

- Regional Solution Opportunities Committees: go/ no go
- Reinforced customer intimacy during tendering phase
- « Lean scoping » approach for targeted projects
- Margin Thresholds at booking

- Reinforced risks assessment & early mitigation plans
- Strengthened Contract Management
- Reinforced lessons learnt approach
- Talent assessment of key functions

~+1pt improvement in Systems Gross margin in H1 2016



# Predictable margin expansion through constant cost trimming

#### SIMPLIFY OUR OPERATIONS FOR GREATER EFFICIENCY

#### TAILORED SUPPLY CHAIN

- Keep delivering industrial productivity
- Keep increasing cash efficiency

#### SIMPLIFY FOR EFFICIENCY

- Simplify management set-upMake company leaner
- Optimize R&D efficiency
- Increase sales force efficiency

#### REALLOCATE RESOURCES ON PRIORITIES

 Develop benchmarking culture Focus priorities

#### WE REVISE UP BY ~€300m OUR TARGETED 2015-2017 COST-SAVINGS (EUR bn)





We constantly optimize our portfolio to strengthen the competitiveness of our core business for higher performance

#### ACQUISITIONS TO STRENGTHEN OUR CORE



#### DISPOSAL OF NON-CORE BUSINESSES

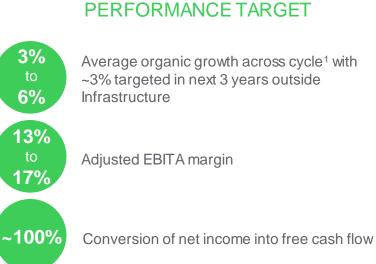


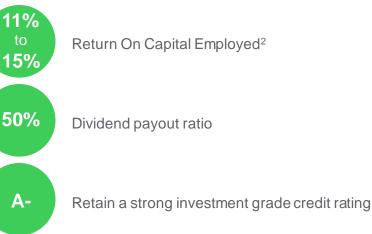
- Portfolio has a solid organic growth story, M&A not mandatory
- Focused on disciplined and value-accretive M&A in core of the core business

- Continuing efforts on pruning the portfolio to focus on the core
- ~€1.4bn cash generated from disposals since 2014



# We confirm our long-term financial objectives





CAPITAL EFFICIENCY TARGET

1: Growth across economic cycle. The reference is the world GDP growth on actual base and market exchange rates

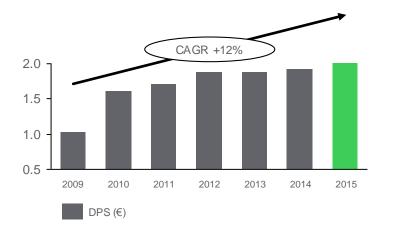
2: Return On Capital Employed (ROCE) is Adjusted EBITA after tax / average capital employed. Capital Employed is defined as shareholders' equity + Net financial debt + Adjustment for associates and financial assets. Confidential Property of Schneider Electric | Page 59



# ... and our strong focus on shareholders returns

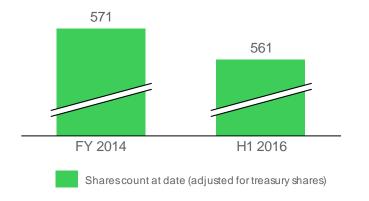
#### PROGRESSIVE DIVIDEND

- Dividend targeted at c.50% of net income
- Progressive dividend policy with no year-on-year decline



#### SHARE BUYBACK

- From 2015 to H1 2016,~17m shares bought back for ~€0.9bn
- Confirming ~€1.5bn share buy back by 2016
- Post 2016, Neutralization share employee plans and potential for additional share buybacks or special dividends



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# We are continuing to focus on generating attractive returns for our shareholders



TSR performance relative to peers: New criteria included in 2016 in the Long-term incentive plan of the Group

1 Peersindex made of average TSR performance of ABB, Siemens, Legrand, Eaton, Emerson, Honeywell, JCI, Rockwell, Omron, Fuji Electric, Yokogawa



# A leading global company with attractive returns

A pure play in Energy and Efficiency connected solutions

A focused company, an integrated model, a system for execution

An attractive earnings growth and a strong shareholder focus

- Positioned strategically on the Demand and efficiency side.
- Set to benefit from **Energy**, efficiency and connectivity transformations.
- A unique portfolio of synergetic solutions enabled through EcoStruxure

- Global & balanced exposure with leading position in new economies
- A technology company, innovative, agile, with strong partnerships
- Flexible cost structure, with relentless focus on efficiency and productivity
- Structured execution plan to enhance performance and value to customers
- Sustainability at the core of everything we do
- Earnings growth thanks to a focused and simple strategy.
- Multiple identified levers for margin expansion
- Optimized portfolio with constant refocus on the core
- Progressive dividend with ~50% payout ratio
- Share buybacks to neutralize employee share issuance and beyond



