Strategic Plan 2018-20

Francesco Starace CEO & General Manager



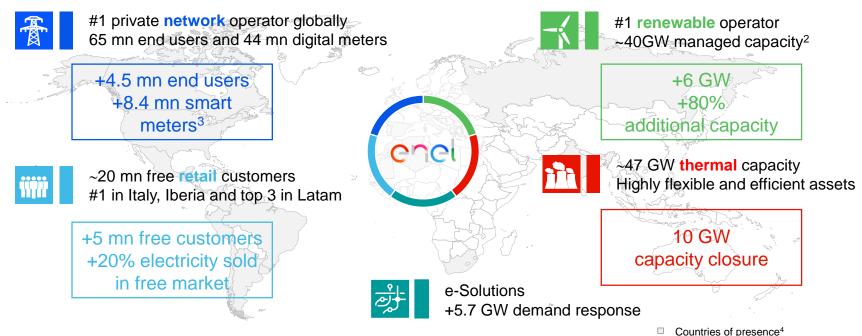
Agenda



Opening remarks	Francesco Starace
2018-20 Strategic Plan Key Pillars	Francesco Starace
2018-20 Strategic Plan Financials	Alberto De Paoli
Global Infrastructure & Networks	Livio Gallo
Global Renewable energies	Antonello Cammisecra
Global e-Solutions	Francesco Venturini
Global Thermal Generation	Enrico Viale
Global Trading	Claudio Machetti
Closing remarks	Francesco Starace

Enel today: evolution since 2014<sup>1</sup>

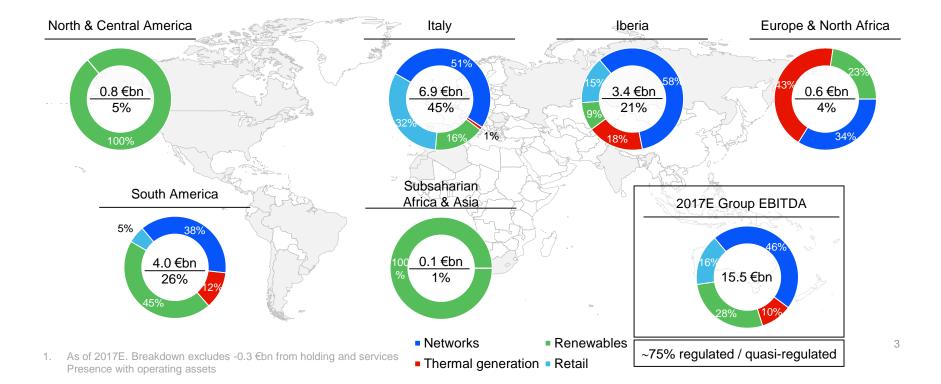




- 1. 2014-2017 delivery. As of 2017E
- 2. Consolidated capacity equal to 37 GW (including 25 GW of large hydro)
- 3. Including replacement of smart meters 2.0 in Italy equal to 1.4 mn. Enel global market share equal to 24% (BNEF 3Q17 Energy Smart technologies market Outlook)
- 4. Presence with operating assets

Enel today: global and diversified operator<sup>1</sup>



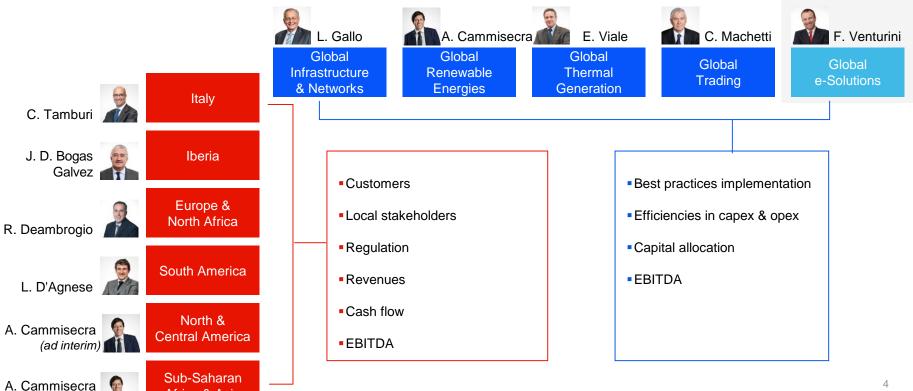


## **Investor presentation**

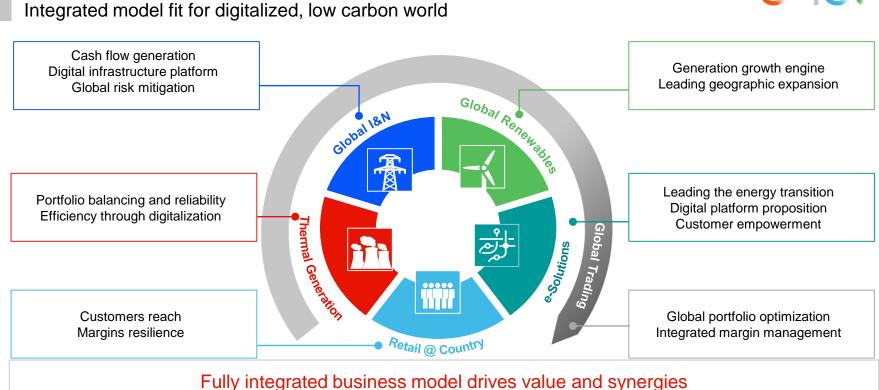
Africa & Asia

(ad interin

Updated organizational structure



Chei



5

# Chei

# Capital Markets Day Delivery on strategic plan

Delivery on strategic plan: financial targets



	2015 actual	2016 actual	2017 target	CAGR
Ordinary EBITDA (€bn)	15.0	15.2 target 15.0	15.5	~2%
Net ordinary income (€bn)	2.9	3.2	3.6	~11%
DPS (€/sh)	0.16	0.18	0.23 <sup>1</sup>	~15%
Pay-out	50%	55%	65%	~14%
FFO/Net debt	25% target 21%	26% target	27%	~2%

## Financial targets met across the board

Delivery on strategic plan: strategic pillars



1 €bn opex savings in 2017 in real terms **Operational efficiency** Maintenance capex down by over 10% **16 €bn growth capex** in the past three years Industrial growth 800 €mn 2017 growth EBITDA<sup>1</sup> fully secured From 69 to 53 companies in South America Group simplification EPS accretion: from 64% to 73% of economic interest<sup>2</sup> 6.3 €bn asset rotation finalized Active portfolio management 5.8 €bn for acquisitions, minority buyouts and growth -5 Payout raised from 50% to 65% Shareholder remuneration DPS floor at 0.21 €/share for 2017

2015-17 Delivery

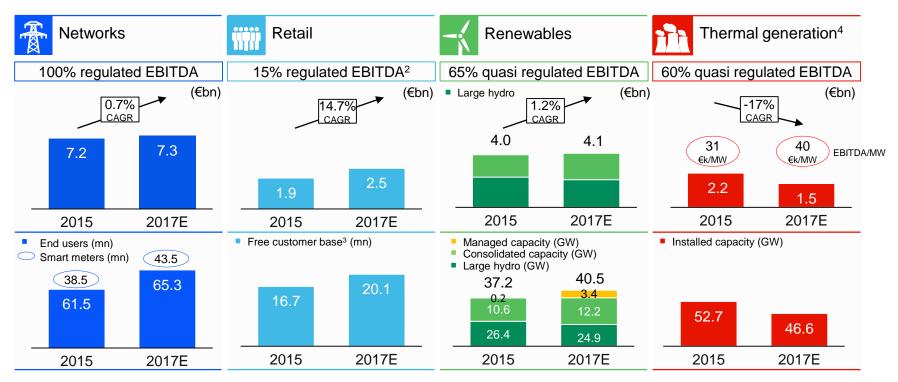
## Sound progress on all strategic pillars

1. Including connection contribution

2. Calculated as Group Net income on Net income pre-minorities

Delivery: business drivers<sup>1</sup>





1. EBITDA figures are rounded

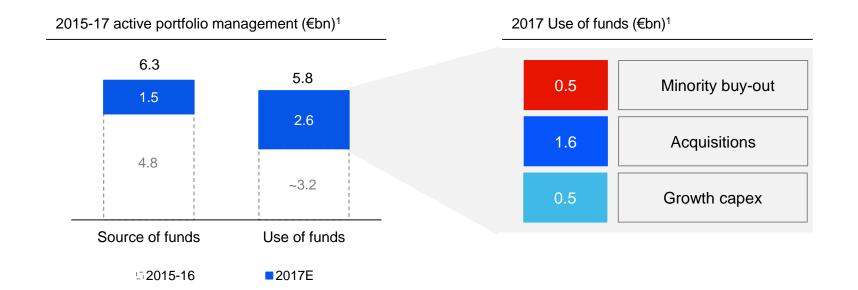
2. Global retail including e-Solutions equal to 0.1 €bn in 2017

4. Including Global Trading and nuclear in Iberia. 2015 EBITDA includes Slovenske Elektrarne sold in 2016

3. Includes only power and gas free customers

Delivery on active portfolio management

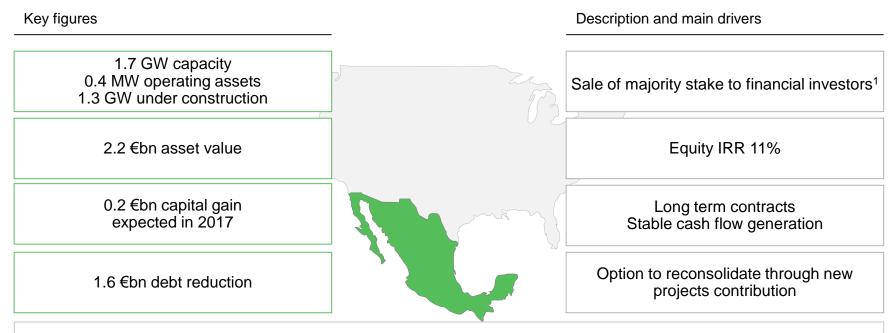




## 80% of 2015-2019 plan completed

Delivery: Mexico BSO



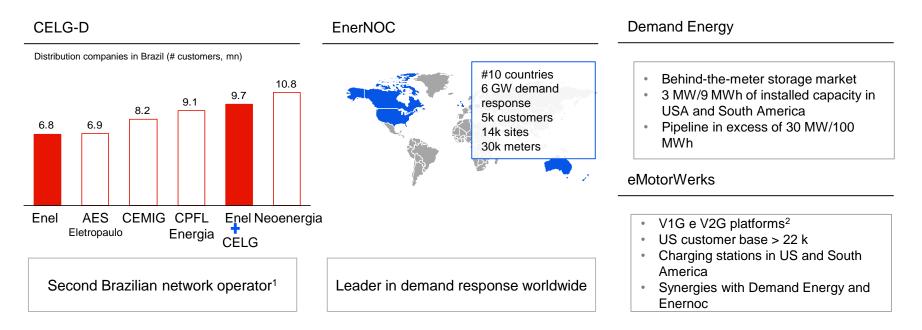


### First successful application of BSO strategy outside the US

1. Caisse de dépôt et placement du Québec, and CKD Infrastructura Mexico

Delivery: positioning in a digitalized, low carbon world

# enel



## Bolt-on acquisitions in networks and demand response to strengthen positioning

<sup>1.</sup> In terms of number of customers

Delivery: a sustainable strategy

Enel commitments to the global SDGs



400,000 people by 2020



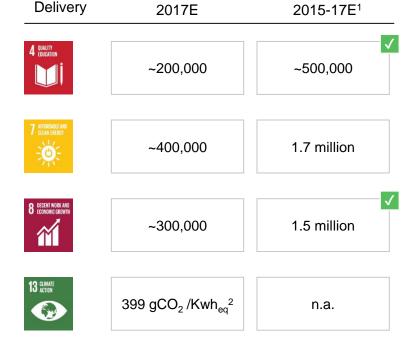
3 million people by 2020, mainly in Africa, Asia and Latin America



1.5 million people by 2020



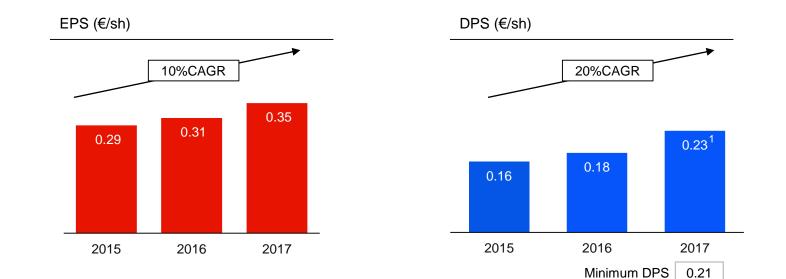
< 350 gCO<sub>2</sub> /kWh<sub>eq</sub> by 2020 (-25% vs base year 2007)



Cr

Delivery: shareholders' remuneration





Strategy has delivered strong earnings and dividend growth

Capital Markets Day 2018-20 strategic plan Key pillars

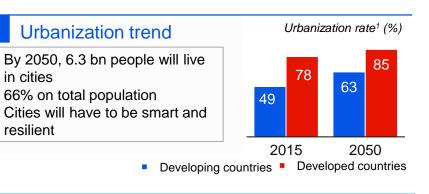
#### 1. United Nations, World Population Prospects, The 2014 and 2015 revision.

Power

- 2. IEA-IRENA Perspectives for the Energy Transition 2017
- 3. IEA: WEO 2016 and IEA IRENA 2017 NPS (New Policies Scenario)

## **Capital Markets Day**

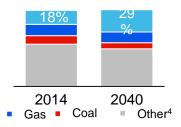
Sector trends

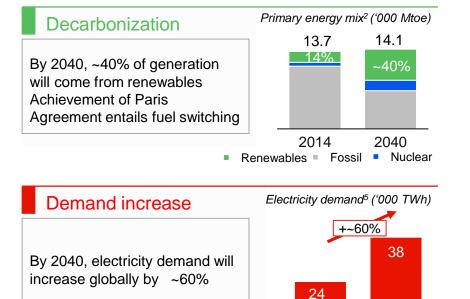


## Electrification

By 2040, electricity will increase from 18% to 29% of total energy demand driven by the electrification of transports and heat production

### % on final energy demand<sup>3</sup>





4. . Other include Oil, Heat, Biomass & Waste and Hydrogen

2040

2016

#### 1. BNEF NEO 2017, June 2017

2. Battery Energy Storage Systems

## **Capital Markets Day**

Sector trends

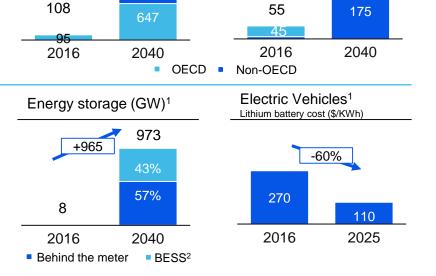
## Small scale PV and demand response

Distributed generation and demand response will drive the increase in number of "prosumers"

Low cost and low-carbon technologies will allow a greater deployment of decentralised electricity access solutions in rural areas in particular

Storage and electric vehicles<sup>1</sup>

### Storage is in the uptake path, will ease renewable integration into the market and push distributed solutions penetration transforming the customer journey



Small scale PV (GW)<sup>1</sup>

+1,279

1,387

740



Demand response (GW)<sup>1</sup>

319

144

+264

Soctor tronds

Integrated model fit for digitalized, low carbon world



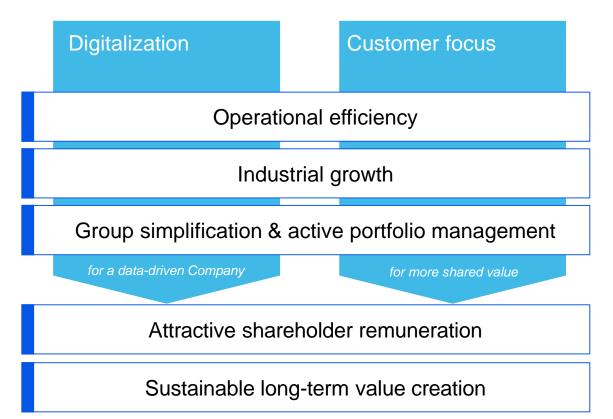
Sector trends	Ener positioning: 2020 targets
Decarbonization	Generation: 48 GW renewables, 39 GW thermal Specific CO <sub>2</sub> emissions < 350 gCO <sub>2</sub> /KWheq
Electrification Storage & Demand Response	0.6 GW storage capacity 10.7 GW demand response 313 k charging stations
Urbanization	67 mn end-users 47.9 mn smart meters 17.4 mn second generation smart meters

Engl positioning: 2020 targets

Leading positioning in the energy transition

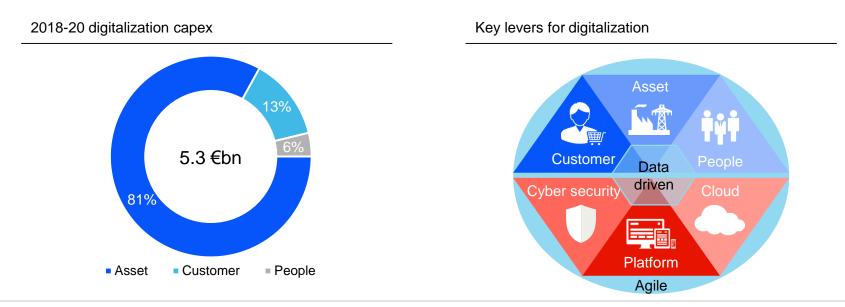
Strategic pillars





Digitalization

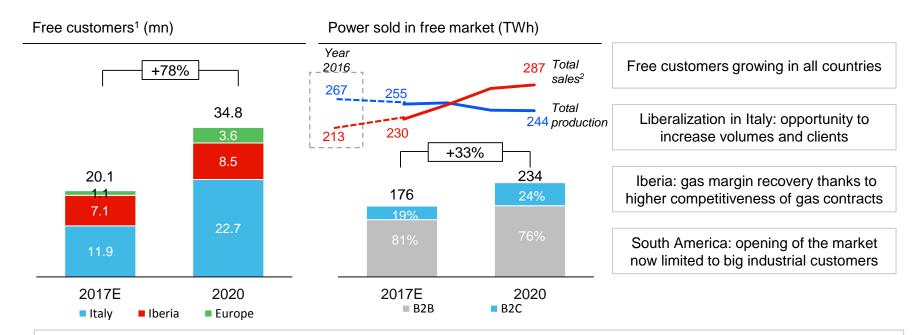




Agile operating model maximizing speed and efficiency through optimal use of data

Customer focus: commodity retail



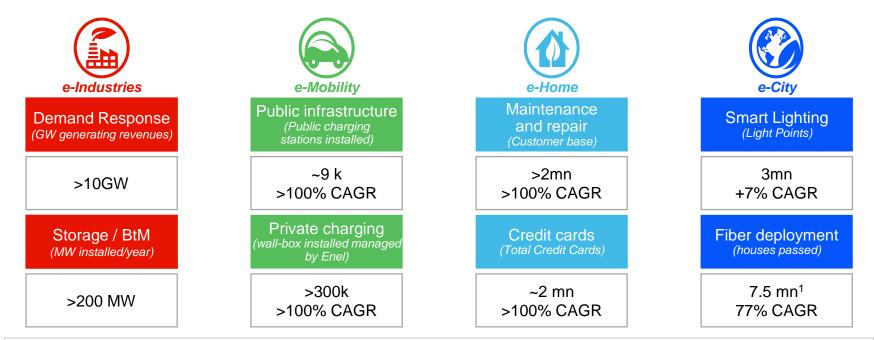


## From long energy to long customers

1. It includes power and gas customers. South America number of customers <1mn

2. Including power sold with PPAs

Customer focus: e-Solutions 2020 targets

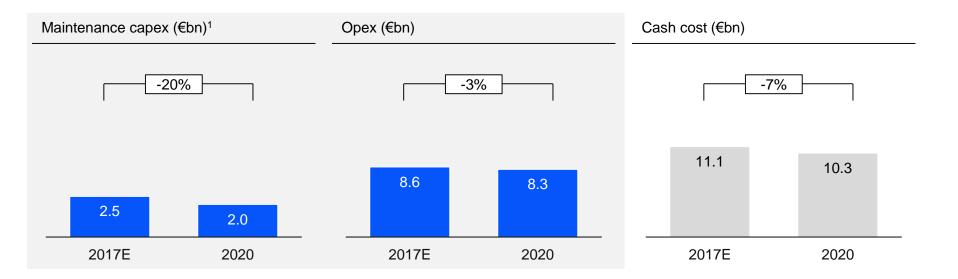


Addressing new customer needs with innovative technologies

enei

Operational efficiency

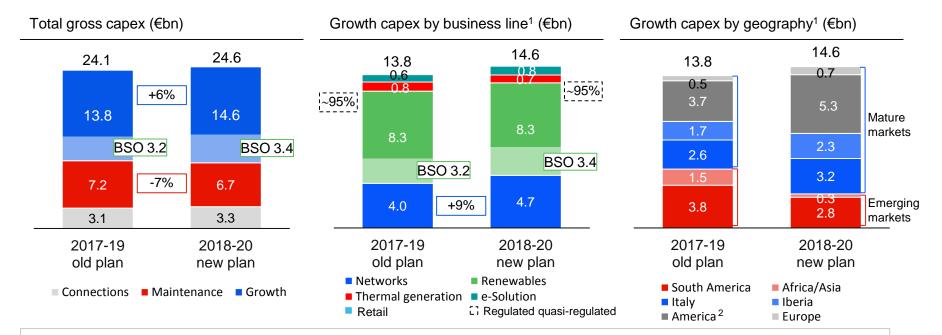




### Digitalization enables acceleration on operational efficiency

Industrial growth: 2018-20 capex plan

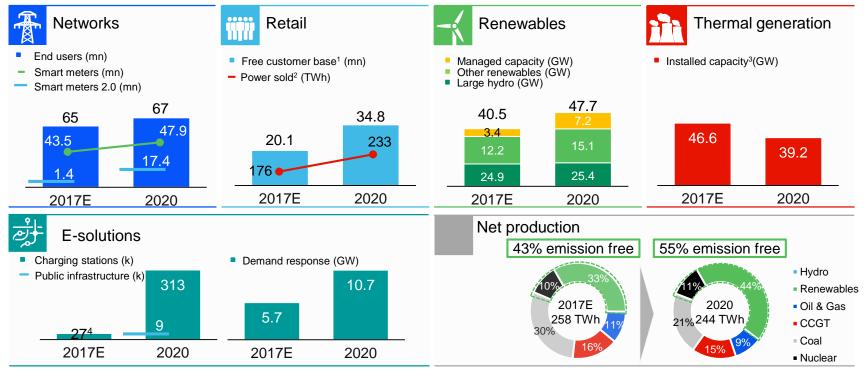




## Rebalancing capex in networks and developed countries

1. Net of connections in networks. Total growth capex includes other

Industrial growth: operational targets by business



1. Includes only power and gas free customers

2. In free market

3.Includes nuclear in Iberia 4.Of which ~600 public infrastructure Chei

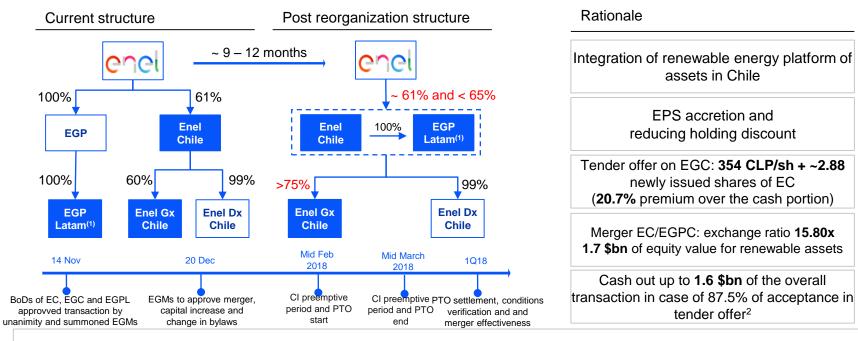
Group simplification & active portfolio management



	Simplification	Minority reduction	
	From 69 to 53 # companies in South America	Romania	
Delivery	Sale of minority stakes in Electrogas and Bayan	Peru	
Nové otopo	To below 30 # companies in South America	Chile integration of renewable assets and	
Next steps	Simplification of subsidiaries in Enel Americas, Enel Romania and Enel Investment Holding	tender offer on Enel Generation Chile	

A leaner, more agile and simple structure

Group simplification & active portfolio management

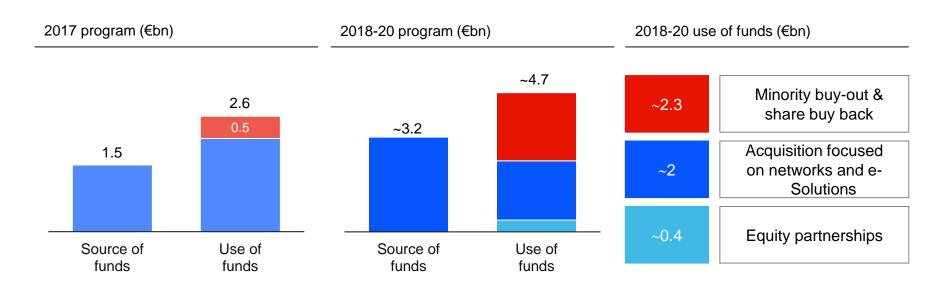


## Chilean reorganization

- 1. Enel Green Power Latin America (holding company of EGP assets in Chile)
- 2. Including 5% withdrawal rights in EC

Cr

Group simplification & active portfolio management: the new plan

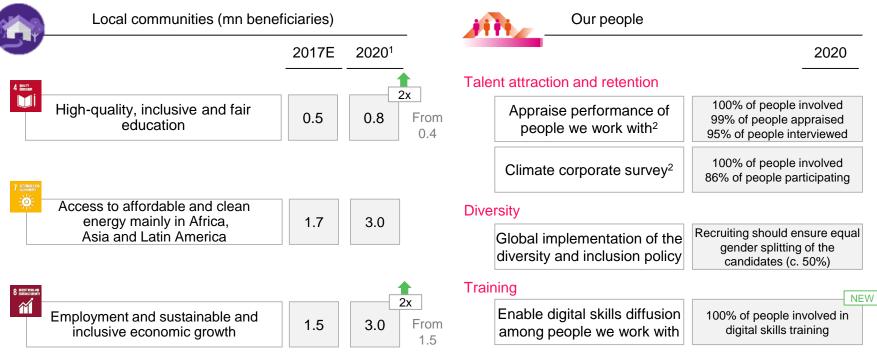


Higher minority buy-outs leading to 3% earnings accretion

enei

Communities and people





<sup>1. 2015-20</sup> cumulated target

2. Eligible and reachable people having worked in the Group for at least 3 months

Innovation

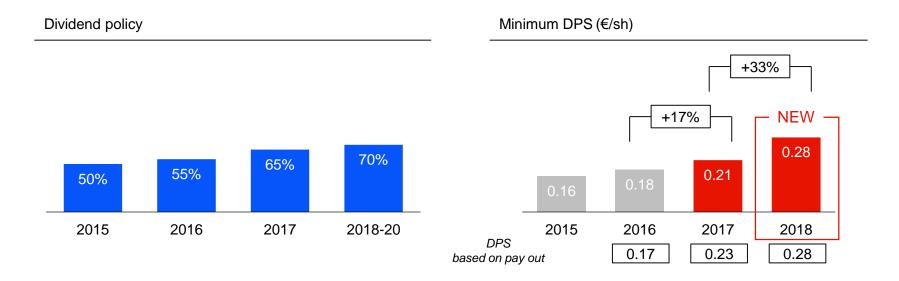




7 Hubs in the world to catch innovation where it happens

Shareholder remuneration





Confidence on strategy delivery and revised plan allows improved shareholder return

Strategic Plan 2018-20

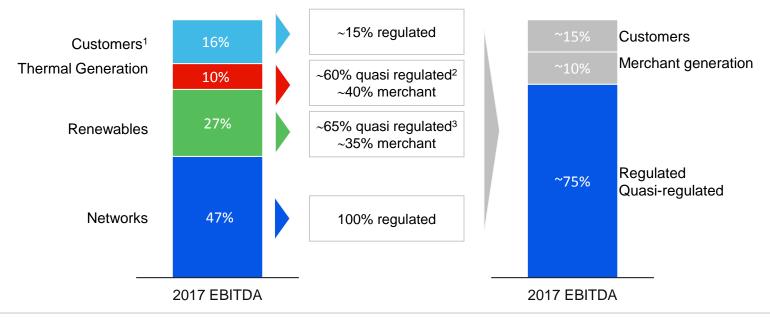
Alberto De Paoli - CFO



Capital Markets Day 2018-20 strategic plan Key financials

Enel today: diversified and resilient operator

# enel



### Low volatility in earnings

- 1. Includes Retail and e-Solutions
- 2. Regulated, i.e. Iberian Island, essential plants, contracted under long term PPAs
- 3. Contracted under long term PPAs and incentivized

Delivery: financial targets

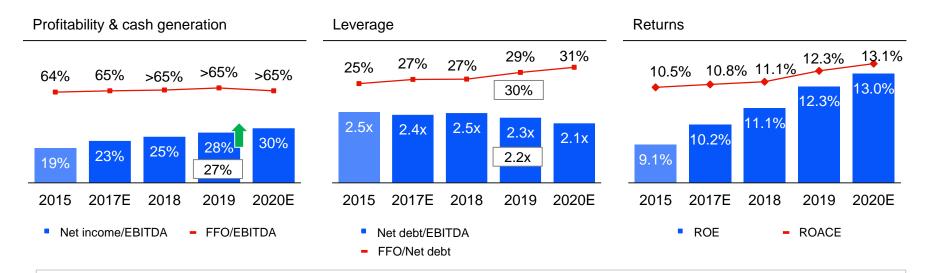


Net financial expenses on debt (€bn) Funds allocation for growth and shareholders' remuneration 2015-17 (€bn) Cost of gross debt Net financial expenses 6.3 -26.3 7.7 -14% 29% 20 3.3 5.1% Cash 2.0 optimization 15.7 12% 4.8% 59% 2.8 2.4 FFO after Source of funds Disposals Dividend paid Acquisitions Growth capex 2014 2017E maintenence Net debt 37.4 37.8 capex Net debt/EBITDA 2.4x 2.4x

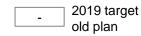
26 €bn of funds to fuel growth and remunerate shareholders

Enel transformation and 2020 targets



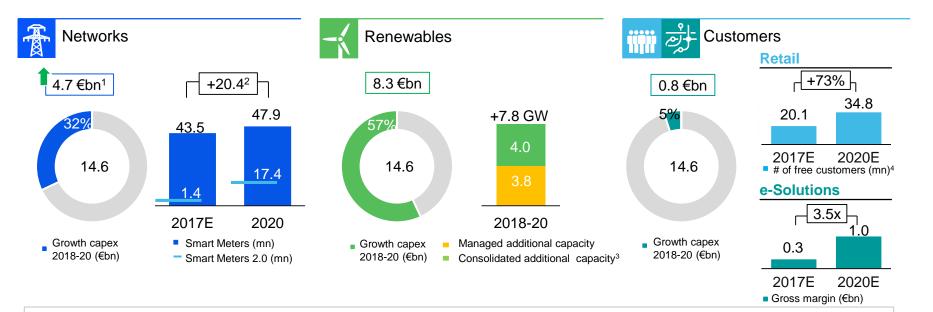


Continuous improvement in cash generation, profitability and returns



Integrated model fit for digitalized, low carbon world





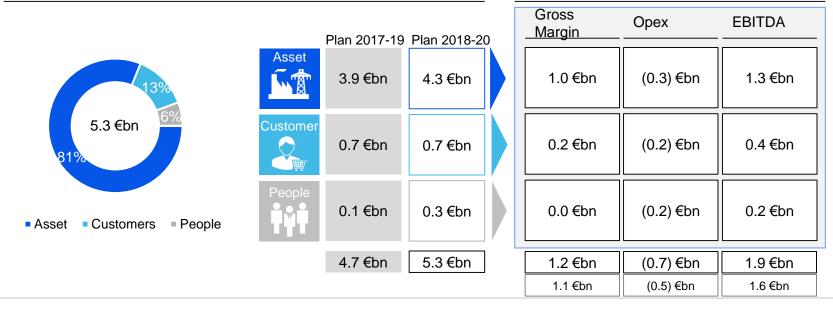
### Investing to strengthen our positioning in the energy transition

- 1. Excludes connections for 3.3 €bn
- 2. Meters installed plus meters replaced with smart meters 2.0 in Italy
- 3. Including 0.3GW of projects to be consolidated in 2019 not included in the growth capex

Digitalization

2018-20 cumulative digitalization capex

### 2018-20 cumulative benefits<sup>1</sup>

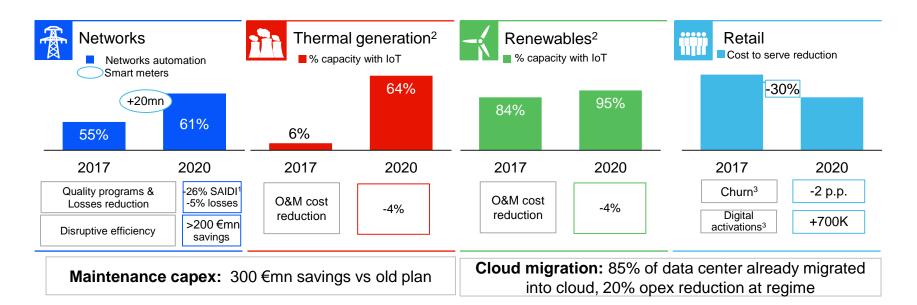


Focus on assets, customers and people development



Digitalization





### Driving efficiency and best in class service

1. Duration of the interruptions

2. KPIs are calculated only on power plants included in digital projects.

3. It refers to Italy

Customer focus: global retail and e-Solutions



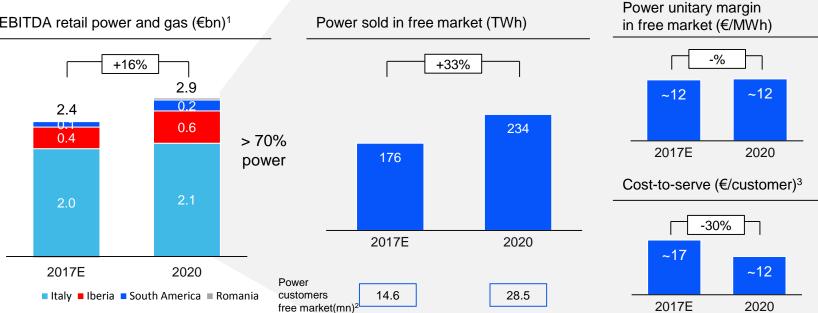
EBITDA (€bn)	Key drivers	Key figures
+32%	Growth of retail customer base worldwide	+13.9 mn power customers +0.8 mn gas customers
3.0 2.5 0.3 3.3 0.4	Higher focus on corporate customers in Latam	33% increase in power volumes 15% increase in gas volumes
2.4 2.7 2.9	Digitalization in customer relationship	Cost to serve -30%
2017E 2019 2020	e-Solutions global business line start up	e-Solutions: >50% EBITDA CAGR
2.7 3.0   Retail power and gas e - Solutions		

Confirming trend and enhancing 2020 targets



Customer focus: global retail

EBITDA retail power and gas (€bn)<sup>1</sup>



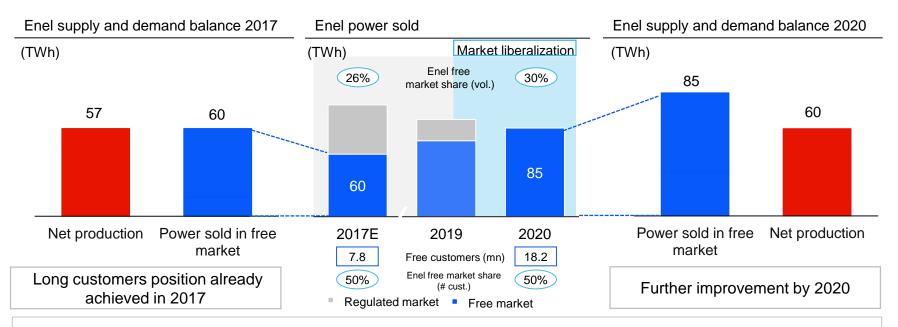
### Growing volumes and efficiency driving EBITDA increase

- Including regulated EBITDA. Romania equal to -0.05 in 2017 and +0.04 in 2020
- 2. Power and gas
- Italy, Iberia and Romania 3.

Chei

Customer focus: Italian retail

## enel



Value migration towards final customers

Customer focus: Italian retail

+8%

2.0

1.9

2018

2.1

1.9

2019

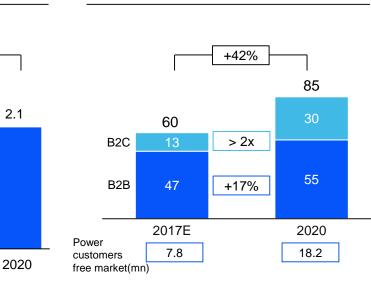
2.1

EBITDA (€bn)1

2.0

1.9

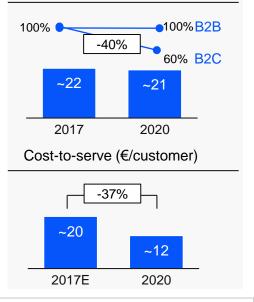
2017E



Power sold in free market (TWh)

### Cr **ICI**

Power unitary margin in free market (€/MWh)

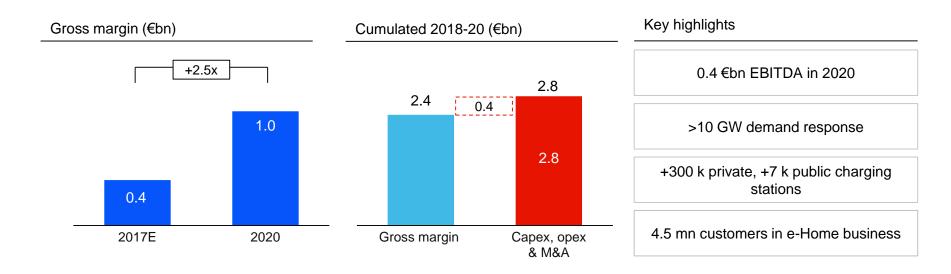


Evolution in strategy resiliency in margins



Customer focus: e-Solutions

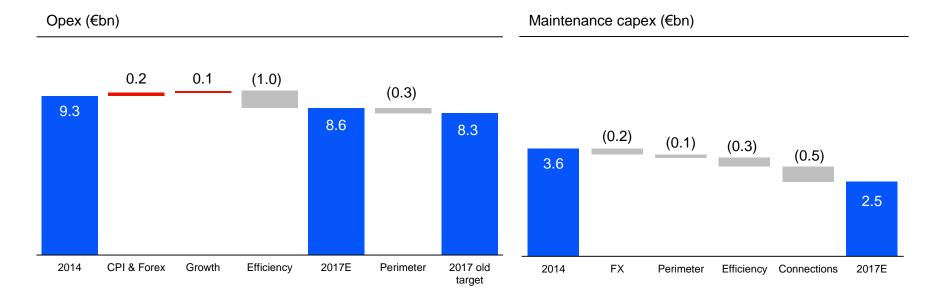




### Positioning for the energy transition

Operational efficiency: delivery 2014-17

## enel

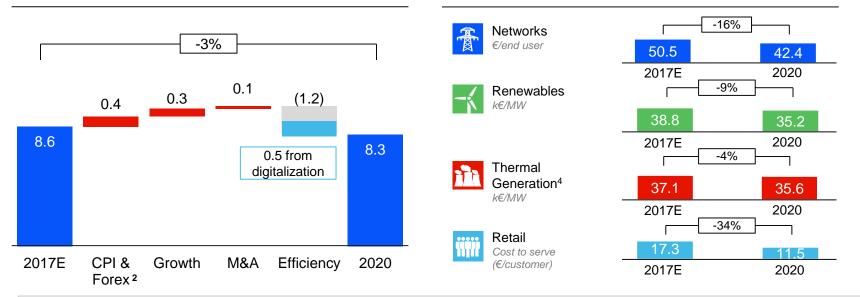


Completed efficiency plan launched in 2014

Operational efficiency: focus on opex

## enel

### Opex evolution (€bn)<sup>1</sup>



### Opex by business<sup>3</sup>

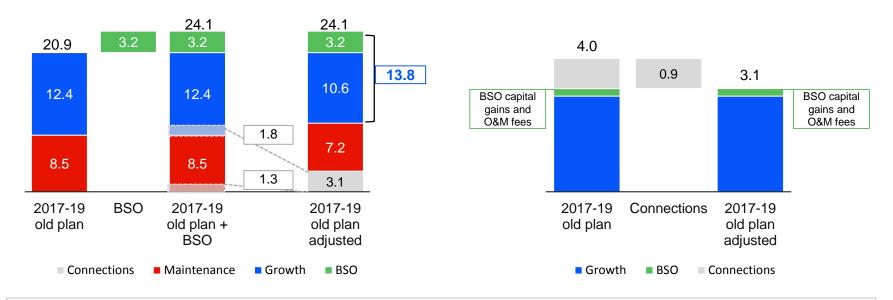
### Digitalization will accelerate further opex reduction

- 1. Total fixed costs in nominal terms (net of capitalizations). Impact from acquisitions is not included.
- 2. Of which CPI +0.7 €bn and forex -0.1 €bn.
- 3. In real terms. Adjusted for delta perimeter

4. Excludes nuclear in Iberia

Industrial growth: capex and growth EBITDA reconciliation

2017-19 total capex (€bn)



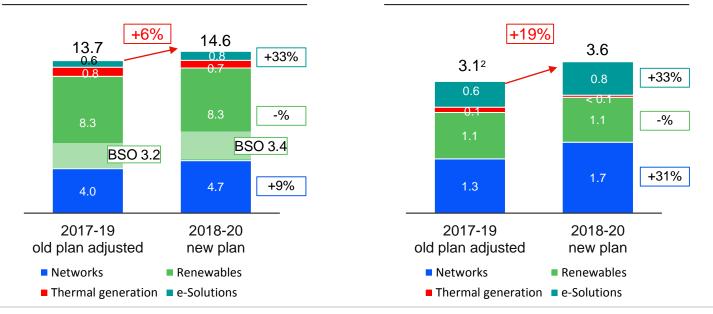
Main differences are for connections and BSO capex



2017-19 cumulated growth EBITDA (€bn)

Industrial growth: focus on growth capex and growth EBITDA

Growth capex by business line<sup>1</sup> (€bn)



### Growth capex increase and re-allocation driving higher returns vs previous plan

1. Net of connections. Rounded figures

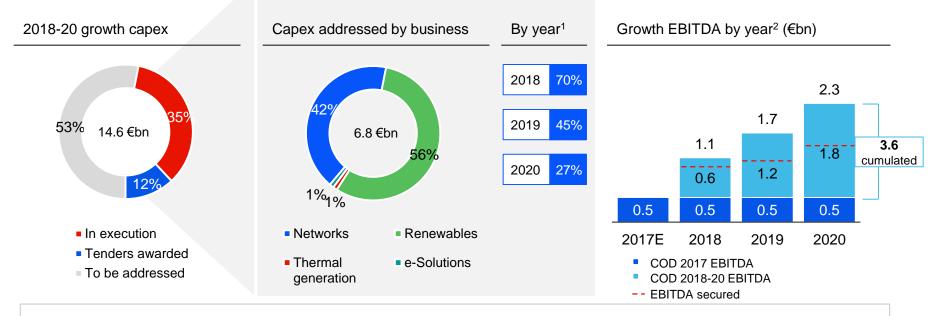
2. Old target 2017-19 equal to 4 €bn 2017-19 minus contribution from connections (300 €mn per year).



2018-20 cumulated growth EBITDA<sup>1</sup> (€bn)

Industrial growth: focus on growth EBITDA

## enel

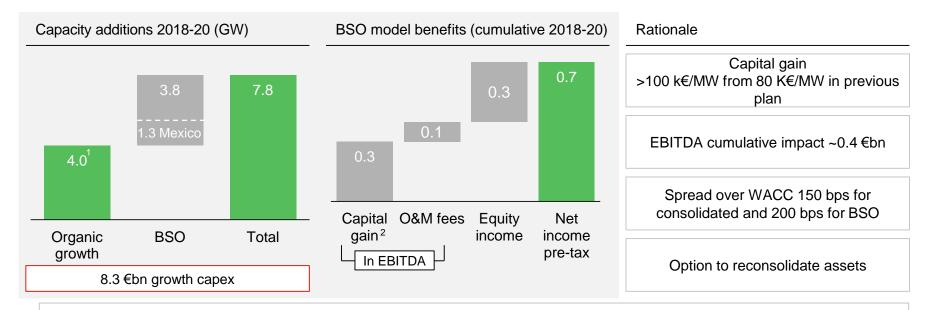


### Increased contribution from networks and e-solutions

1. Portion of committed capex on total yearly amount

2. Net of connections equal to an average of 300 €mn

Industrial growth: renewables, Build Sell & Operate model (BSO)



### Strong lever to accelerate value creation

1. Including 0.3 GW of projects to be consolidated in 2019 not included in the growth capex

2. Not including capital gain for 1.3 GW already sold in Mexico in 2017

2.53%

Macro scenario: revised assumptions for commodities and prices



**Electricity demand South America** 

(change YoY)

0.86%

Coal price - API2 (USD/ton)

2.50%

2.10%



**Capital Markets Day** 

2.84%

2.35%

### 51.3 52.4 forward average 45.6 45.5 🔶 45.2 44.8 43.4 41.0 2017E 2018 2019 2020 CPI all countries (% YoY)<sup>1</sup> 2.9 2.8 2.8 2.6 2.7 2.7 2.6 2.5 2017E

Italy power price (€/MWh)



50.3 average	51.4 forward	49.5		
43.0	45.5			
	45.2	46.6	46.7	
2017E	2018	2019	2020	
FX EUR/USD				
	1.18	1.21	1.24	
1.10	1.13	1.16	1	
2017E	2018	2019	2020	

- New plan

### More conservative macro scenario assumptions

2019

2020

2018

It includes: Italy, Spain, Russia, Romania, United States, Mexico, Argentina, Brazil, Chile, Colombia, Peru 1.

What has changed

Macro assumptions (€bn)

Managerial actions (€bn)

Yearly impact on average EBITDA Yearly impact on average EBITDA		y impact on average EBITDA	Minorities buyout	
-0.1	Demand	+0.1	Higher efficiency and margins driven by higher digitalization capex	HIGHER EARNINGS ACCRETION
-0.1	Price curve and commodities	+0.15	Higher growth capex in networks	
-0.1	FX	+0.1	Higher retail in Italy and Iberia	LOWER COST OF DEBT
-0.1	Lower hydro availability	+0.3	Regulatory reviews in South America	
-0.1	Inflation	-0.15	e-Solution start-up	
Tot	al on EBITDA: <b>-0.5 €bn</b>	Tota	l on EBITDA: <b>+0.5 €bn</b>	

The plan delivers higher CAGR in EBITDA and net income trajectory

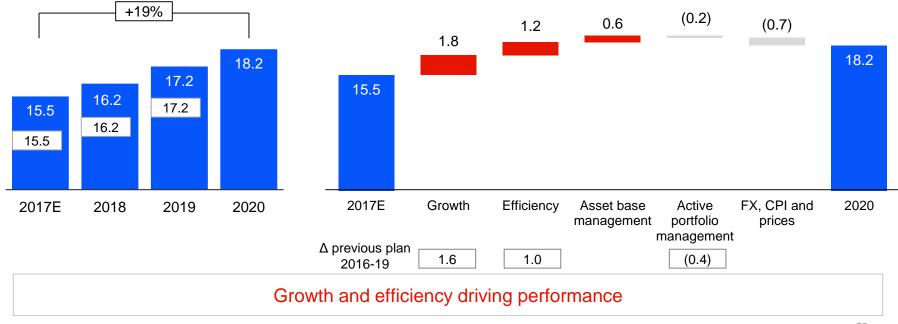
Gr

**EBITDA** evolution



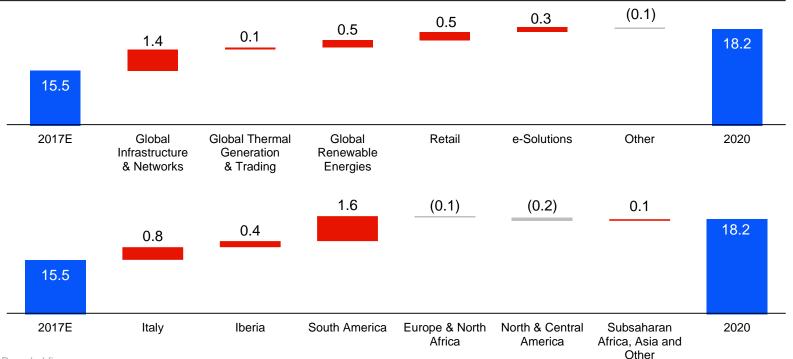
Ordinary EBITDA (€bn)





EBITDA evolution<sup>1</sup>

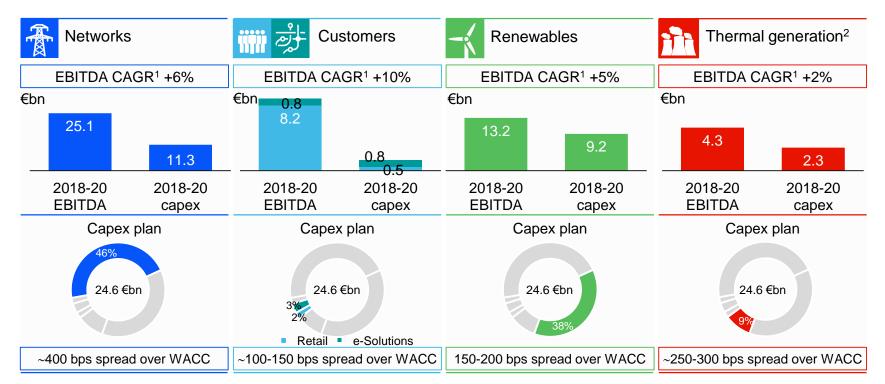
2017-20 EBITDA evolution by business line and country (€bn)



enei

Summary by business line



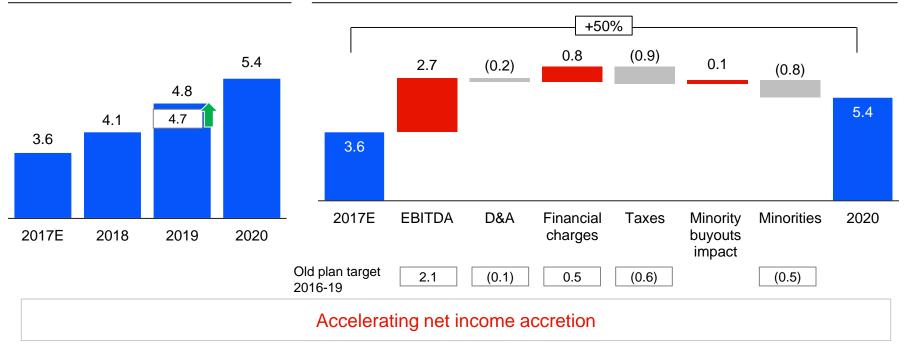


2. Including Global Trading and nuclear in Iberia

Key financials: Group net income evolution

Group net ordinary income (€bn)

2017-20 group net ordinary income evolution (€bn)



enei

Financial strategy

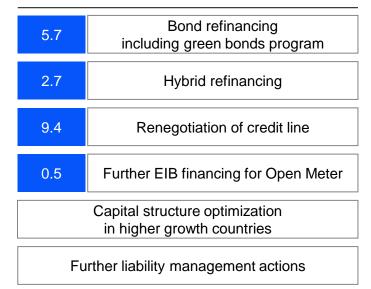
2017 actions completed (€bn)

7	Yankee bonds issuance			
1.25	Green bond issuance			
0.5	EIB financing for Open Meter			
1.5	Liability management			
4.3	Repayment of bond maturities			

Total savings in interest expenses of ~125 €mn

enel

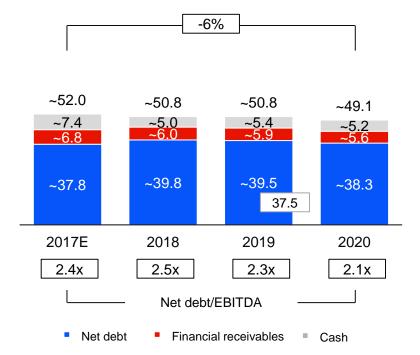
Financial strategy for 2018-20 (€bn)



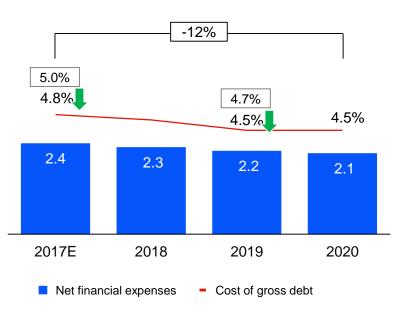
Additional reduction of financial expenses on debt of ~300 €mn by 2020

Financial plan and strategy

Gross and net debt (€bn)



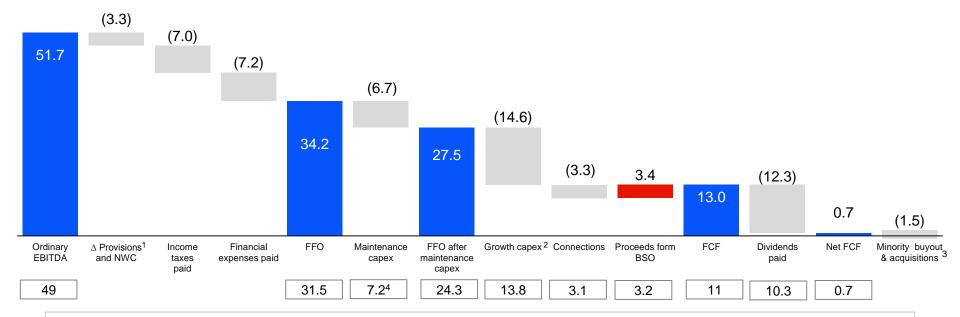
Net financial expenses on debt (€bn)



enei

2018-20 cumulated cash flow (€bn)





### Stronger organic cash flow generation versus the previous plan

1. Accruals, releases, utilizations of provisions in EBITDA (i.e. personnel related and risks and charges). Inclusive of bad debt provision accruals

2. Including 3.4 €bn BSO capex

3. Including +3.2 €bn disposals and -4.7 €bn minority buyouts and acquisitions

4. Net of connections

Old plan

59

Group targets

	2017E	2018	2019	2020	CAGR (%) 2017-20
Ordinary EBITDA (€bn)	~15.5	~16.2	~17.2	~18.2	~+6%
Net ordinary income (€bn)	~3.6	~4.1	~4.8	~5.4	~+15%
Minimum dividend per share (€)	0.21	0.28	-	-	-
Pay-out ratio	65%	70%	70%	70%	+5 p.p.
Implicit DPS (€)	0.23	0.28	0.33	0.37	~+17%
FFO/Net Debt	27%	27%	29%	31%	~+4 p.p.

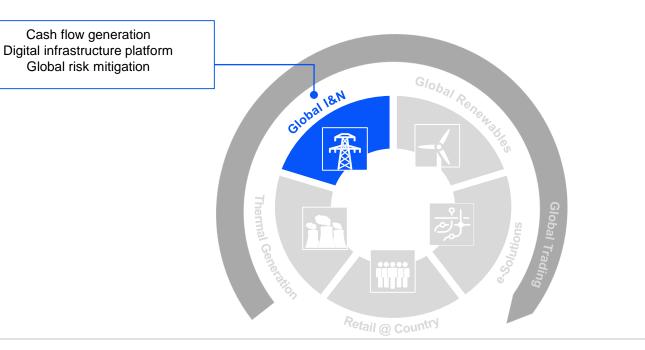
- Improved vs. 60 old plan

## **Global Infrastructure and Networks**

Livio Gallo



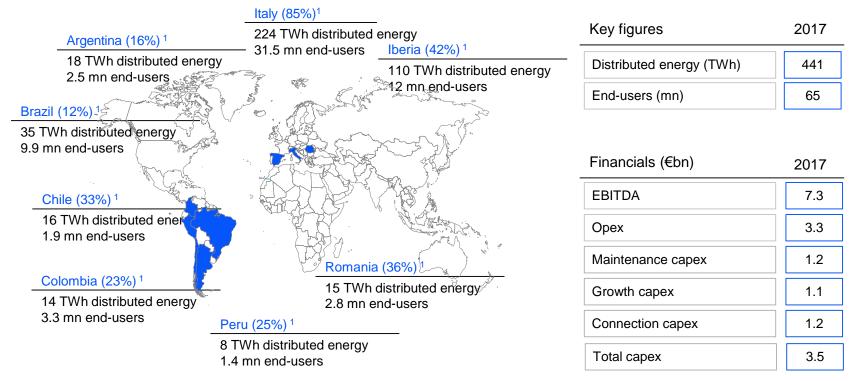
Integrated model fit for digitalized, low carbon world



### Solid backbone of our growth

Chei

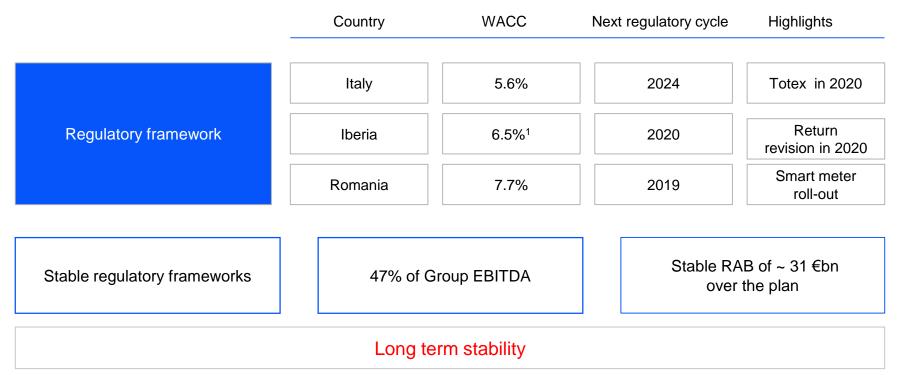
Positioning and key figures



Chei



Regulatory scenario: Europe





Regulatory scenario: South America

	Country	WACC	Next regulatory cycle	Highlights
Regulatory framework	Argentina	12.5%	2022	Improved scenario in Argentina
	Brazil Rio/Celg	12.3%	2018	New Rio concession conditions from March 17
	Brazil Cearà	12.3%	2019	RAB maximization
	Chile	10%	Nov 2020	Regulatory framework already set
	Colombia	13.5%	2018	New regulatory framework
	Peru	12%	Nov 2018	Stable scenario

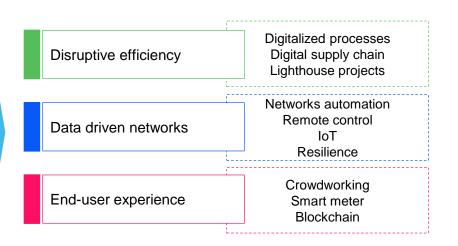
RAB of 10 €bn growing over 30% in the plan

### **Capital Markets Day – Global infrastructure and networks** Digitalization



Pipeline model Processes convercence Efficiency Products Technologies Excellency Improve quality, efficiency Digital transformation and hosting of distributed generation Smart grids Technologies to enable new End-user & new services services End-user value

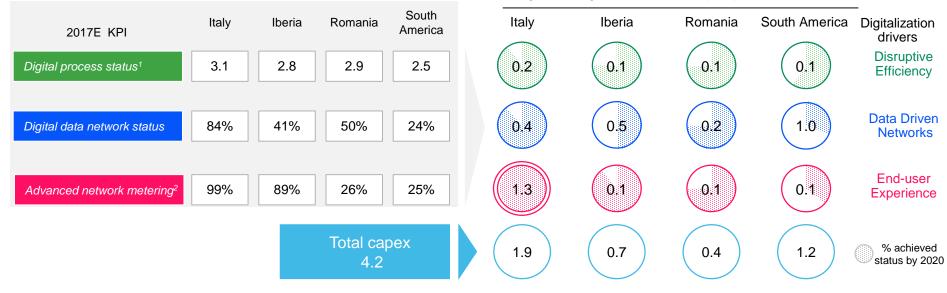
Platform model



Moving from a pipeline to a platform model

### **Capital Markets Day – Global infrastructure and networks** Digitalization





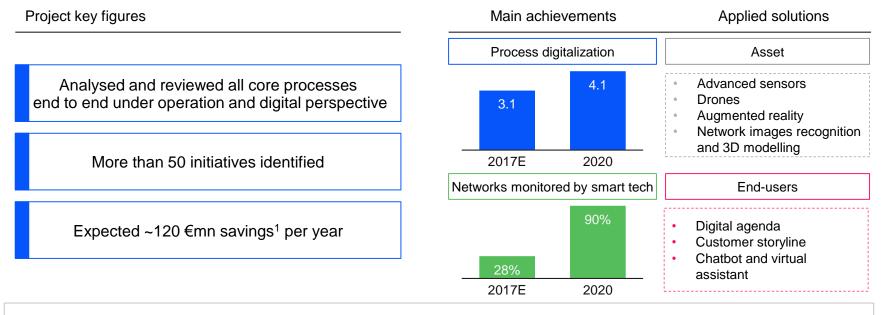
Degree of digitalization and capex plan 2018-20 (€bn)

### Long-term value creation

- 1. Digital process status: max level 5
- 2. This KPI considers smart meters 1.0

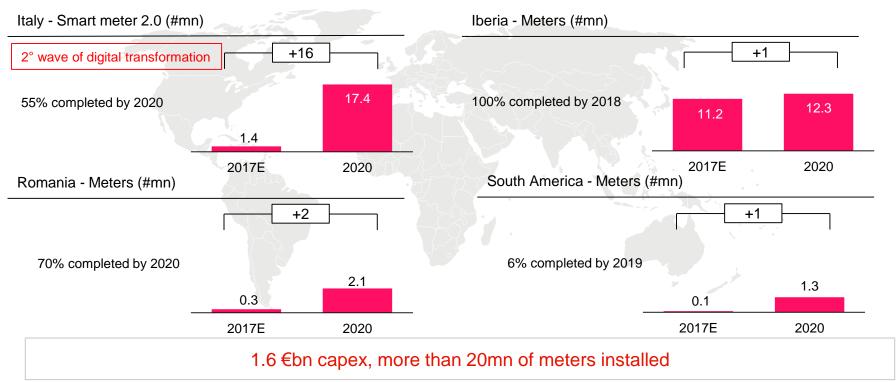
### **Capital Markets Day – Global infrastructure and networks** Disruptive efficiency pilot: Digitaly





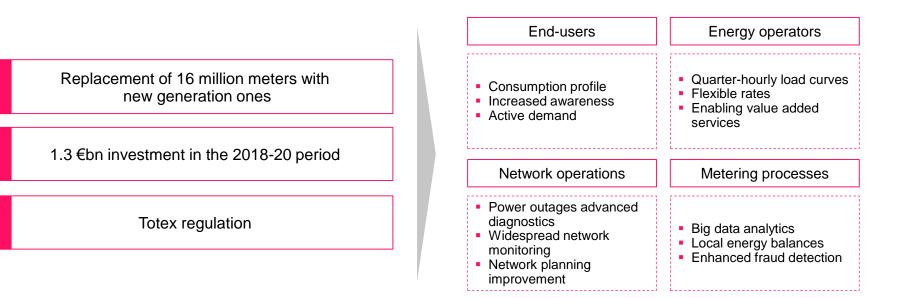
### Digital disruption and saving achievement

Industrial growth: focus on smart meter roll out

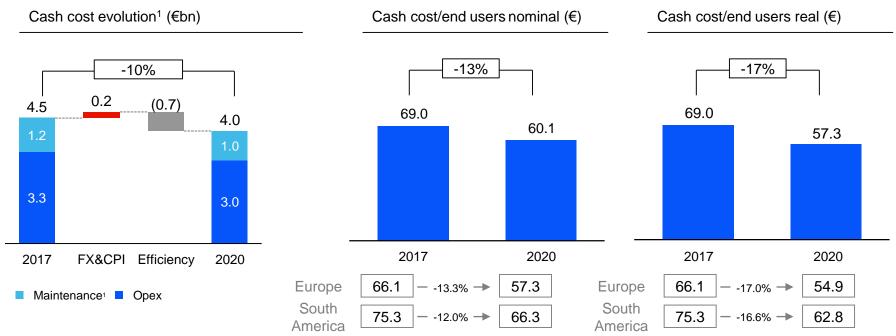


enei

Italy: Smart meter 2.0 's key features and benefits



Key technology for network digitalization

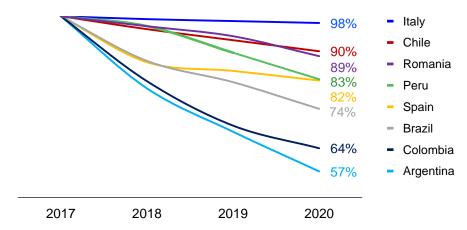


enei

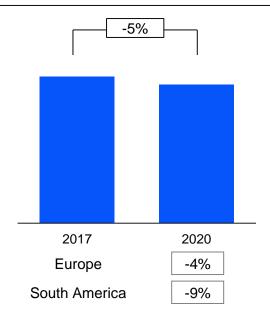
### Capital Markets Day – Global infrastructure and networks

Quality of Service and Network Losses

Minutes of interruption



Network Losses (%)

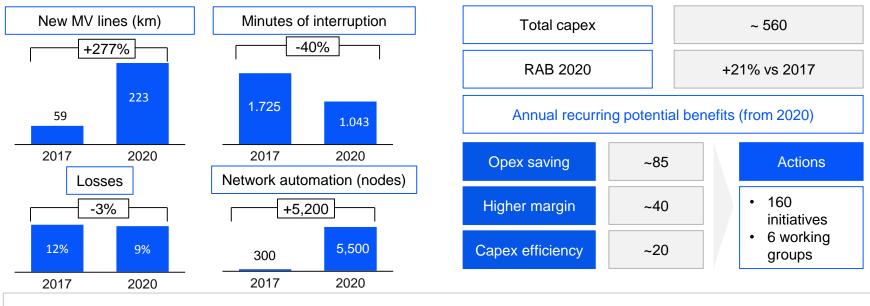


enei

### **Capital Markets Day – Global infrastructure and networks** CELG 2020 Project



#### Key perfomance indicators

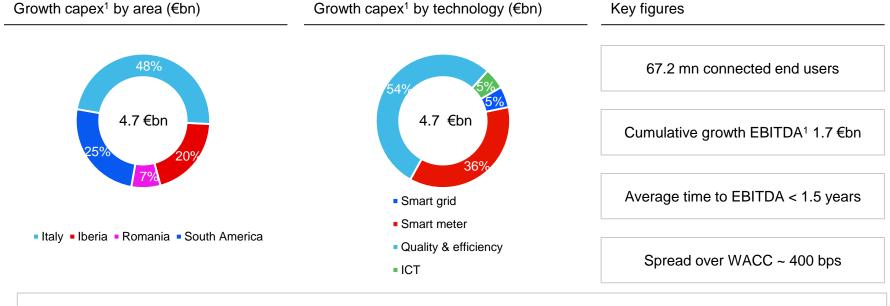


Remarkable restructuring leads to more than 200% EBITDA increase

Project plan (€m)

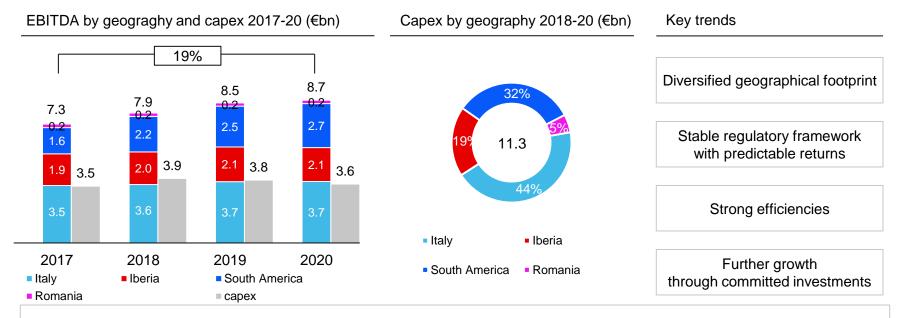
### **Capital Markets Day – Global infrastructure and networks** Industrial growth 2018-20





#### Digitalization as key lever

### **Capital Markets Day – Global infrastructure and networks** Financial targets



Strong and sustainable cash generating growth

# **Capital Markets Day**

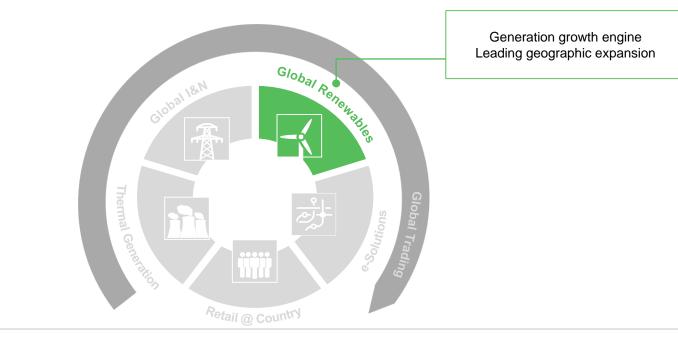
# **Global Renewable Energies**

Antonio Cammisecra



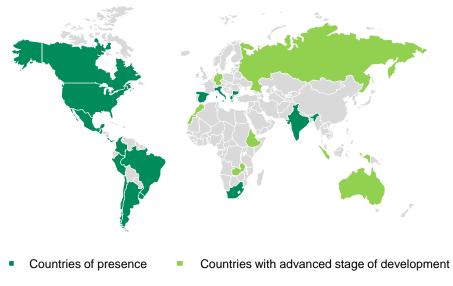
Integrated model fit for digitalized, low carbon world

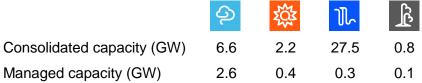




Growth engine for the utility of the future

Presence and key figures





Key figures	2017	Managed
Capacity (GW)	37.1	40.5

85.1

COO

92

Key financials (€bn)	2017
EBITDA	4.1
Opex	1.4
Maintenance capex	0.3
Growth capex	3.4

Production (TWh)

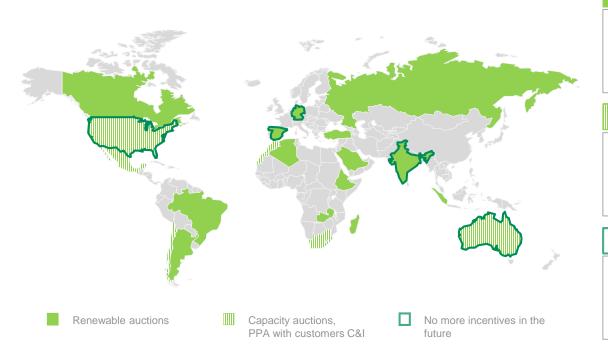


2017 key relevant events: a very competitive battleground

March	April	May	June	July	Sept.	Oct.	Nov.	Nov. – Dec.
USA Cimarron Bend COD (wind 400 MW)	Entry in to Australia (PV 138 MW)	Tender in Spain (wind 540 MW)	Entry into Russia (wind 291 MW)	Tender in Spain (PV 339 MW)	Starting up Chile Cerro Pabellon (geo 48 MW)	BSO Mexico signing	Awarded Chile DISCO tender (PV, wind, geo 239 MW )	USA wind COD 898 MW
Mexico Start of Villanueva construction (PV 754 MW)					Brazil 546 MW PV in operation	Entry into Ethiopia (PV 100 MW)	Mexico Tender <sup>1</sup> (wind 593 MW)	
					Awarded Volta Grande plant (hydro 380 MW)		Peru Rubi COD (PV 180 MW)	

#### 2.6 GW of additional capacity and over 2.5 GW of tender already awarded

Diversified regulatory framework





#### Renewable auctions

- High competition and number of participants
- Price driven
- All operators
- Regulatory and local content risk
- Commodity

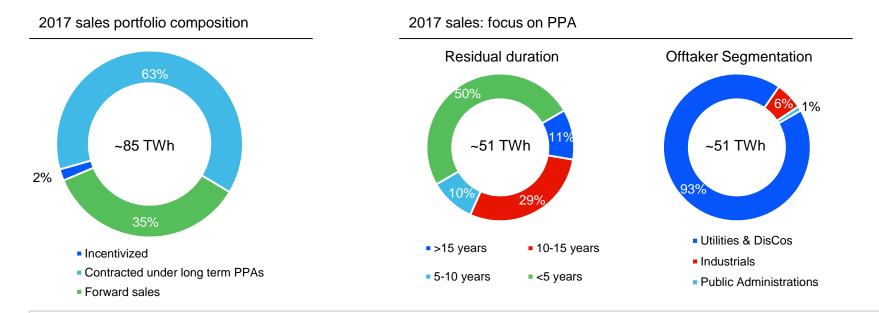
#### PPA with customers C&I<sup>1</sup>

- High competition and low number of participants
- Product and services driven
- Global partnership
- Product flexibility
- Brand value

#### The end of subsidies

- Technological evolution as an enabler for the new role of renewable energies
- Opening towards market services
- Storage plus renewables to minimize system costs

Portfolio composition



Long term PPAs and incentives account for ~65% of the total sales portfolio

COCI

Additional capacity

enel

Evolution per year<sup>1</sup> (GW)



Main achievements

Leadership in construction and plant commissioning

Increase in average size of plants

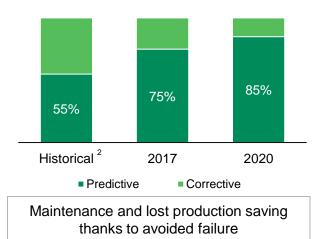
Construction across 5 continents

Implementation of technologically advanced and innovative solutions

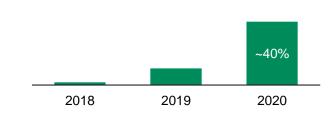
#### Solid industrial capability

Digitalization strategy along plant lifecycle

Predictive maintenance through big data<sup>1</sup>



Digitalized and automated construction



Reduction in Capex/MW and time to EBITDA

#### Digitalization and automation key drivers for competitiveness

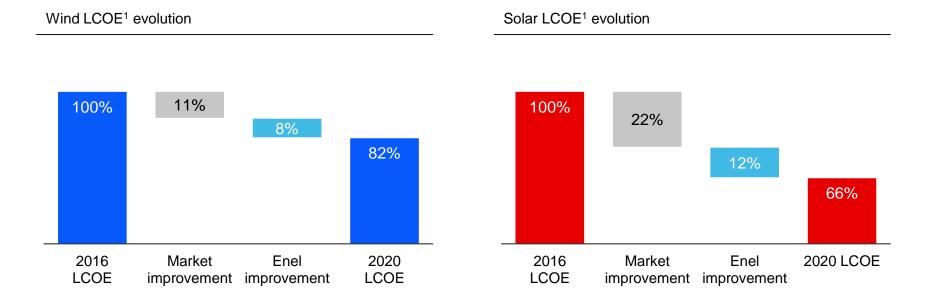
1. Refers to Wind Power Plants

# enel

### **Capital Markets Day**

Engineering and technological leadership

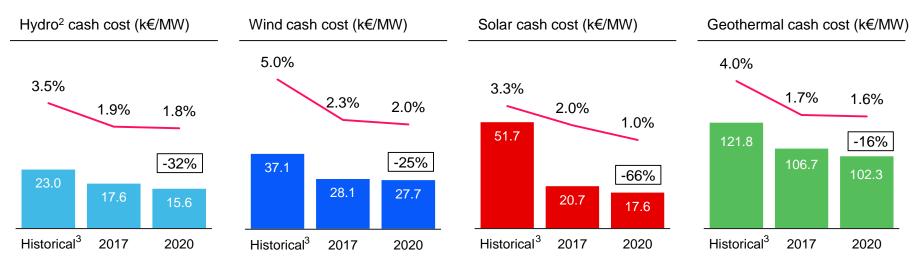




#### Best in class in reducing costs and increasing our competitive advantage

enel

Operational efficiency: key performance indicators<sup>1</sup>



Lost production factor

#### Continuous path of performance improvement and efficiency leveraging on digitalization and innovation

- 1. O&M Cash Costs/MW deflated and at forex 2017 excluding taxes, insurance, contribution and not recurring
- 2. Hydro KPIs refer to the Total Hydro perimeter (~28 GW)
- 3. Historical values refer to year 2009-11, except solar which refers to 2013-14

enel

Asset value maximization: sample of projects in execution

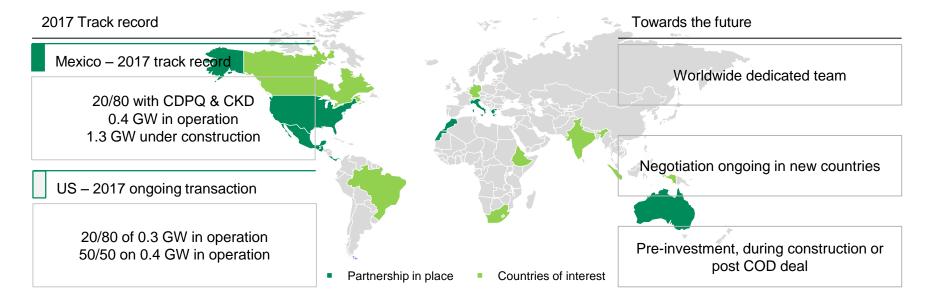
	Spain	Chile	USA <sup>1</sup>	Australia	Russia
Technology	Wind/Solar	Solar/Wind/Geo	Wind	Solar/Wind	Wind
Capacity (MW)	~900	~240	~320	~320	~300
Capex (USD bn)	~0.9	~0.3	~0.4	~0.4	~0.4
COD	2019	2023-24	2018	2018-19	2020-21
Currency	EUR	USD	USD	AUD	RUB
Equity IRR	10-12%	12-15%	10-12%	10-12%	17-19%

#### As demonstrated in Chile, Enel outbids competition preserving returns

1. USA remuneration also includes NOLs (5 years) and PTCs (10 years)



BSO and equity partnership

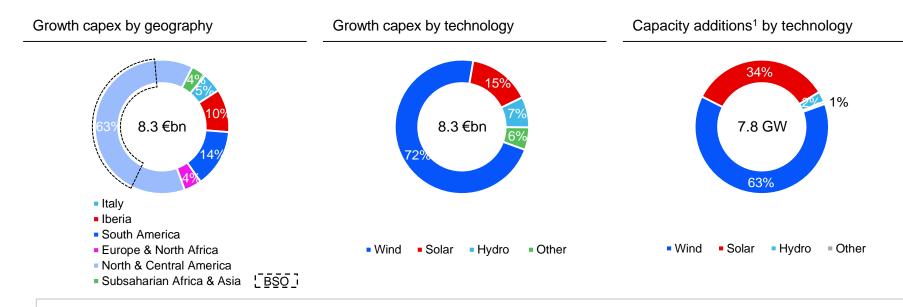


#### Continuing the execution to further crystallize value

1. Percentage of equity partnership (Enel/Partner)

Industrial growth: 2018-20 capacity additions and growth capex



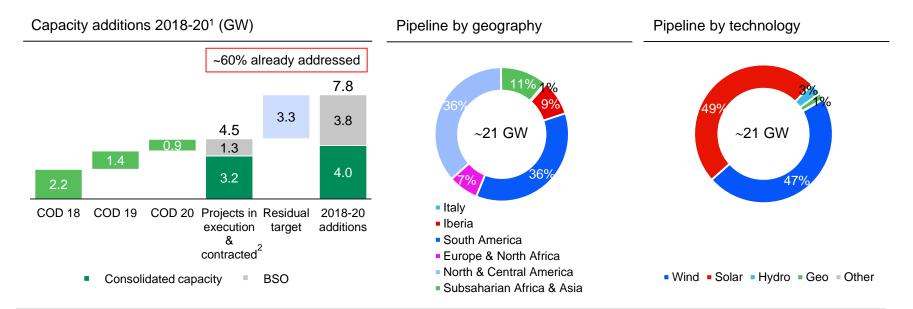


#### Balanced organic investment portfolio and accelerated pipeline monetization through BSO

1. Additional capacity includes 1,3 GW of Mexican projects sold in 2017 and 0,3 GW Australia Solar projects consolidation

Industrial growth: pipeline and capacity additions

enel

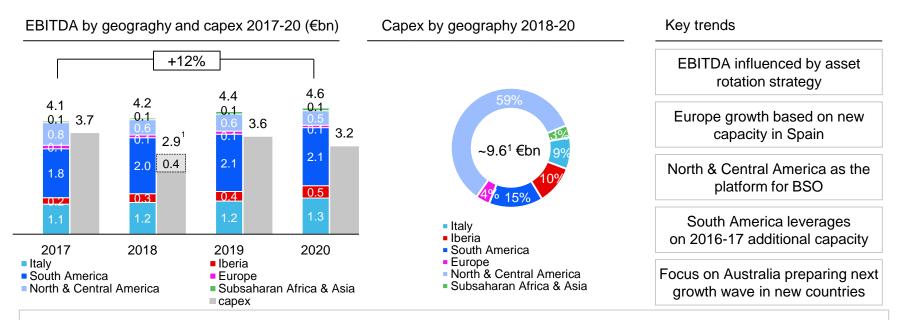


#### Leadership based on a competitive 21 GW pipeline to cover ~3 GW of residual target

1. Additional capacity includes 1,3 GW of Mexican projects sold in 2017 and 0,3 GW Australia Solar projects consolidation

### **Capital Markets Day – Global renewable energies** Financial targets





#### Growth and efficiencies ensure ~12% EBITDA increase over the period

1. Including 0.4 €bn of BSO in Mexico

# **Capital Markets Day**

**Global e-Solutions** 

Francesco Venturini





New brand

Our vision

Create the new power economy

Our name

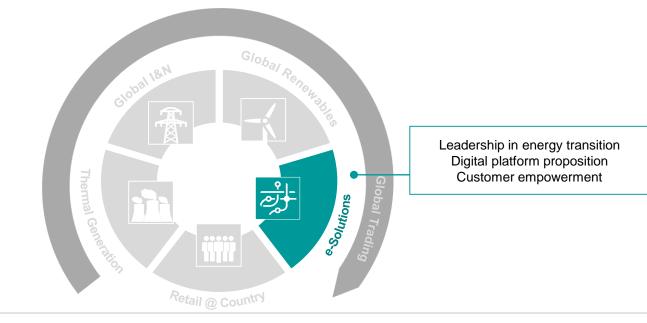
A name that builds on the trust and scale of Enel and signals distinctiveness and a new vision



A new brand for a distinctive positioning on the market

Integrated model fit for digitalized, low carbon world

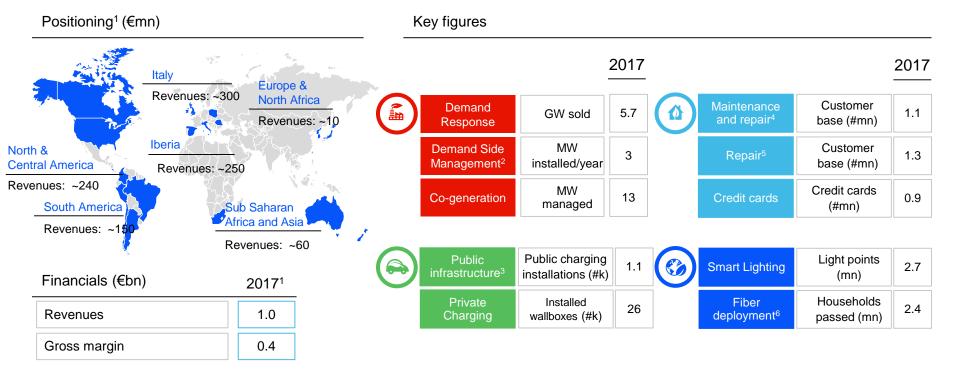




#### Focusing on new customers' needs through an asset light approach



Positioning and key figures



- 1. Preclosing 2017 figures include EnerNOC and eMotorWerks full year
- 2. Storage behind the meter
- 3. Including both owned and managed charging stations

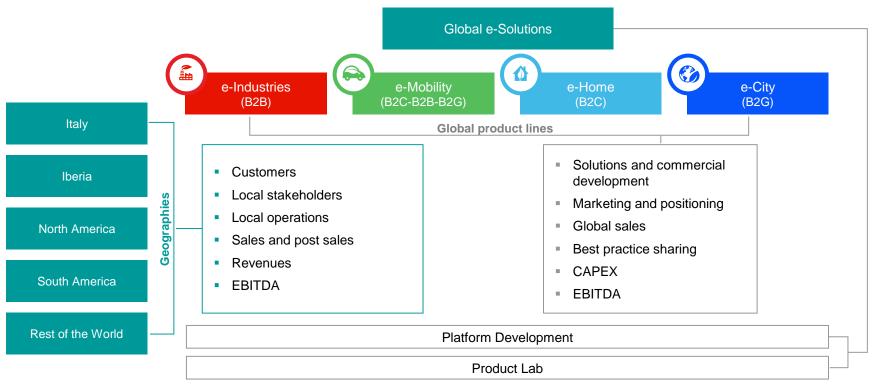
4. Maintenance contracts (scheduled boiler maintenance) mainly on gas / electrical system 94

5. Repair contracts (urgency) through external partners

6. Italy, only A & B areas

Customer driven organization





Our portfolio of solutions in the 4 Global Product Lines

e-Industries	e-Mobility	e-Home	e-City	
Consulting and auditing service	Public charging network	Installation, maintenance and repair services	Smart lighting	
Distributed generation on/off site	Private charging wall-box	Automated home management	Fiber optic wholesale network	
Energy efficiency	Maintenance and other services	Financial services	Distributed generation & energy services	
Demand response and demand side management	Vehicle 1 Grid Vehicle 2 Grid	Home 2 Grid	Demand response and demand side management	Flexibil

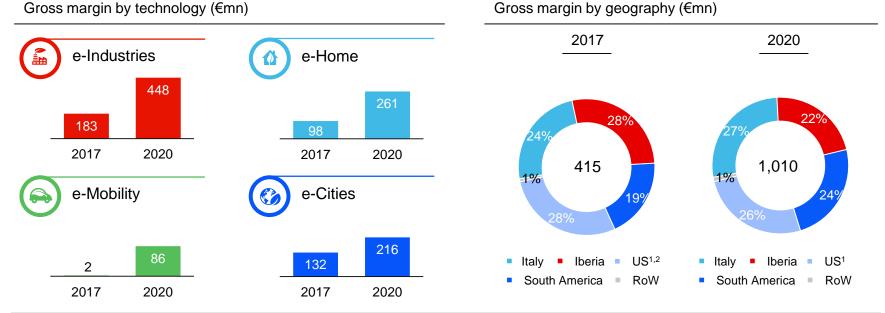
Addressing new customer needs with innovative technologies

Cr

enel

Gross margin by technology (€mn)

Gross margin



#### 2.5x growth in gross margin in 3 years

1. Including EnerNOC activities in Asia and Australia

2. Including EnerNOC and eMotorWerks FY Preclosing

### **Capital Markets Day** – Global e-Solutions **KPI** figures



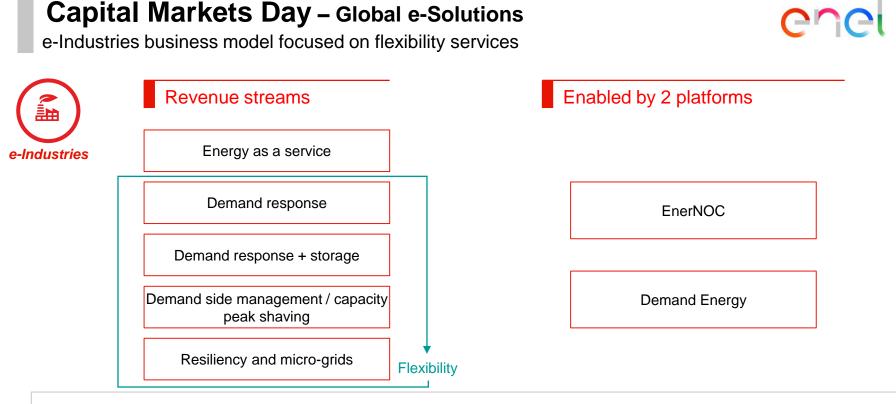
2017 2020 Maintenance Demand Customer base GW sold 5.7 10.7 1.9x 1.1 2,1 1.9x and repair<sup>1</sup> (#mn) Response Demand Side Customer base MW installed/year 3 224 75x Repair<sup>2</sup> 1.3 2.4 1.9x Management (#mn) Credit cards Credit cards (#mn) 0.9 1.9 2.1x Public Public charging Smart 1.1 9.1 8x Lighting points (mn) 2.7 3.2 1.2x infrastructure installations (#k) Lighting Private Fiber Wallboxes installed Households 26 2.4 7.5 304 12x 3.1x Charging and managed (#k) deployment passed (mn)3

Maintenance contracts (scheduled boiler maintenance) mainly on gas / electrical system 1.

2. Repair contracts (urgency) through external partners

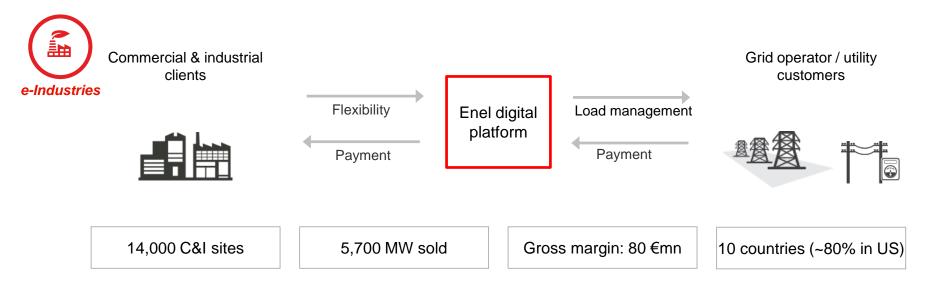
Italy, only A and B areas 3.

2017 2020



Four types of flexibility services enabled by advanced software solutions

Focus on the Demand response business<sup>1</sup>

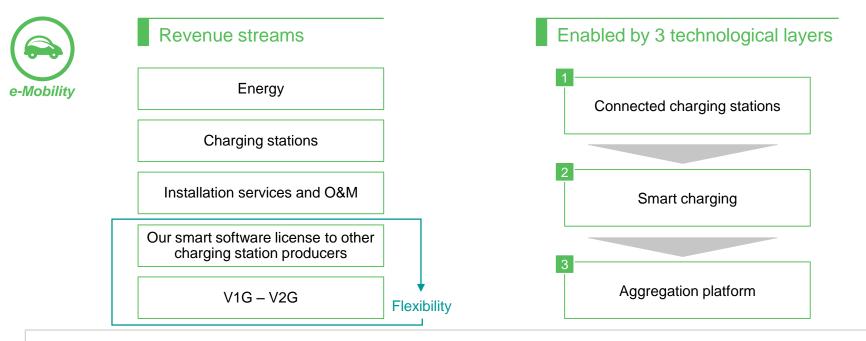


#### Global leader operator in the Demand response business thanks to EnerNOC acquisition

Cr

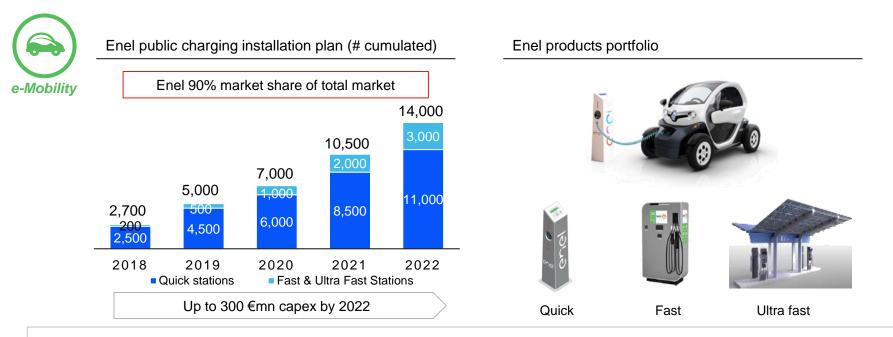


e-Mobility business model



Technological leader thanks to a consolidated expertise and the acquisition of eMotorWerks

Italy: public charging installations plan

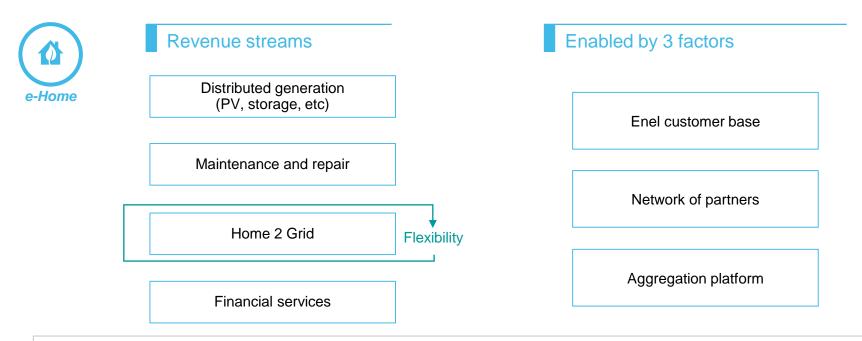


Enabling mobility take off in Italy

enei

e-Home business model





Create a new home ecosystem leveraging on our brand recognition

Iberia and Colombia: business cases<sup>1</sup>



e-Home

#### Enel home services in Iberia

Maintenance and repair of appliances Typically periodic interventions

On-demand interventions to fix emergencies or failures in electrical installations and other appliances

Bundle of equipment sales with additional services

Over 2 mn customers & Network of 290 partners

Gross Margin: 66 €mn

Enel business in Colombia: Credito Facil Codensa

Partnership with Colpatria bank providing credit cards to our commodity customers with no easy access to credit

Credit collection through our energy bills

Usually used for purchase of appliances / education services and for house renovation

Colpatria credit card is n.1 in Colombia

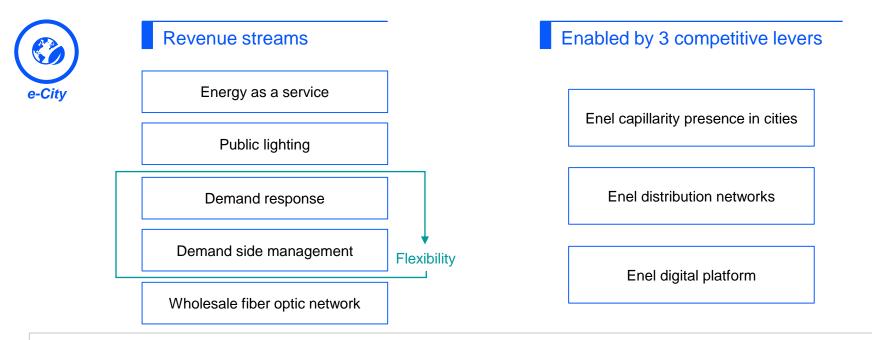
>800K credit cards

Gross margin: 9.6 €mn

Financing access to low income customers

e-City business model

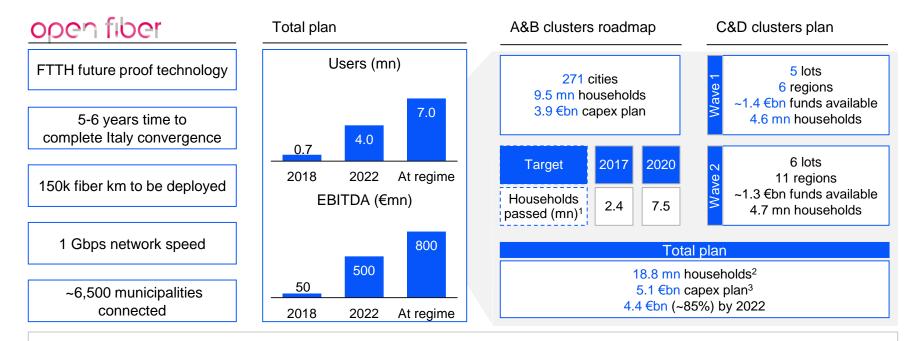




Integrated range of services to become a trusted partner for municipalities and public administration



Italy: Open Fiber plan

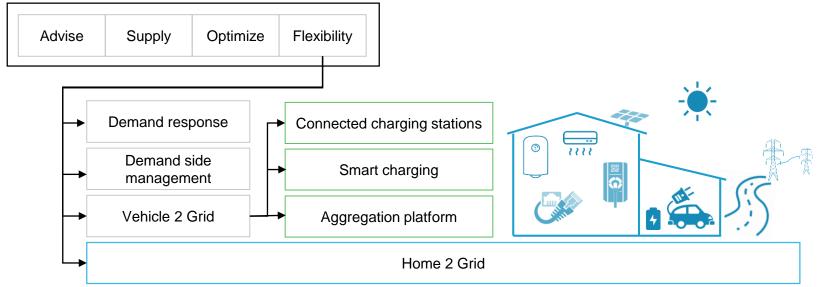


#### Player leading the digitalization of Italy

- 1. Italy, only A & B areas
- 2. Including households from tender 1 and 2 for clusters C and D
- 3. 6.5 €bn gross of Infratel contribution

Flexible distributed energy system





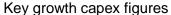
Best positioned to serve new customers' needs

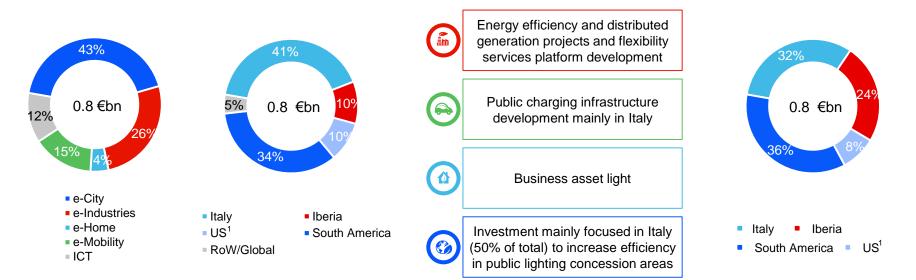
## **Capital Markets Day – Global e-Solutions** Industrial growth 2018-20



2018-20 EBITDA by geography

2018-20 growth capex by product line and by geography K





## EBITDA 2018-20 fully cover capex effort

1. Including EnerNOC activities in Asia and Australia

# **Capital Markets Day**

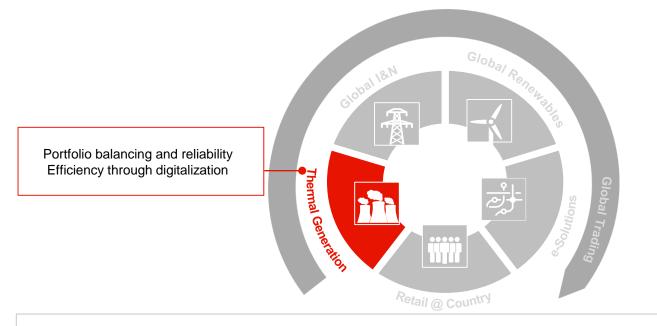
# **Global Thermal Generation**

**Enrico Viale** 



Integrated model fit for digitalized, low carbon world

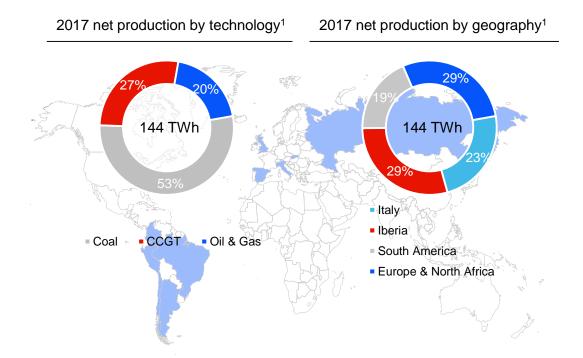




Maximizing value creation in residual asset life



Positioning and key figures



Key figures	2017			
Installed capacity <sup>1</sup> (GW)	43			
Net production (TWh)	144			

### Financials<sup>2</sup> (€bn)

EBITDA	1.5
Cash cost	2.1
Opex	1.6
Maintenance capex	0.5
Growth capex	0.2
Total capex	0.7

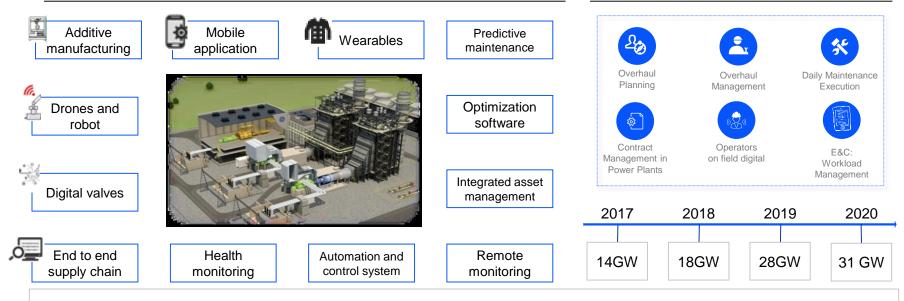
- 1. Excluding nuclear contribution equal to 3.32 GW of installed capacity
- 2. Excluding nuclear and trading

Digital transformation: project status



Digitally integrated smart plant - reference model

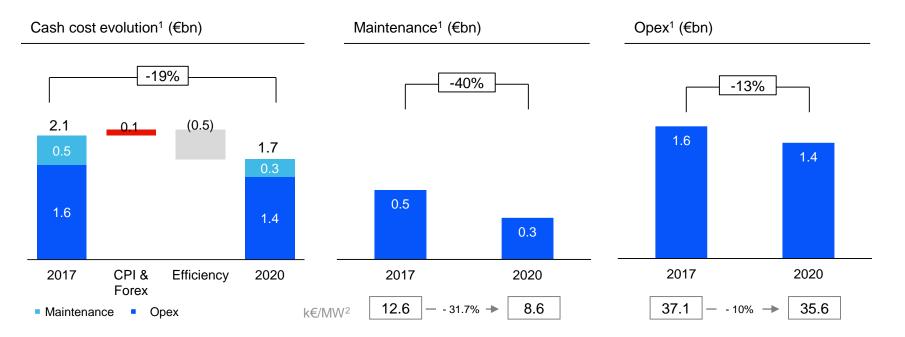
Processes digital re-design



31GW digitalized, about 90% of whole thermal generation fleet<sup>1</sup>

1. Excluding nuclear



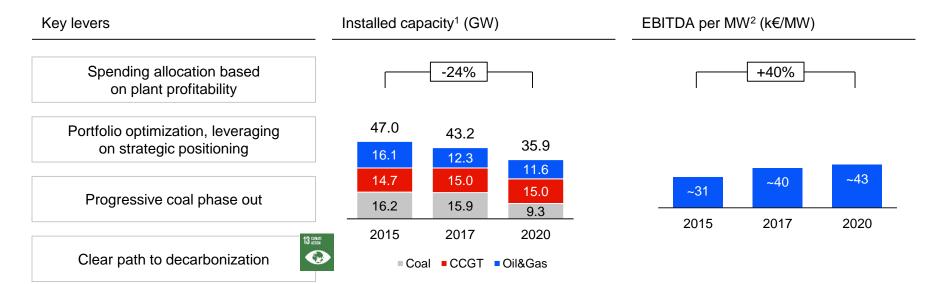


1. In nominal terms, excluding nuclear

2. At 2017 real values - Net marginal assets and non recurrent items

Capacity strategy



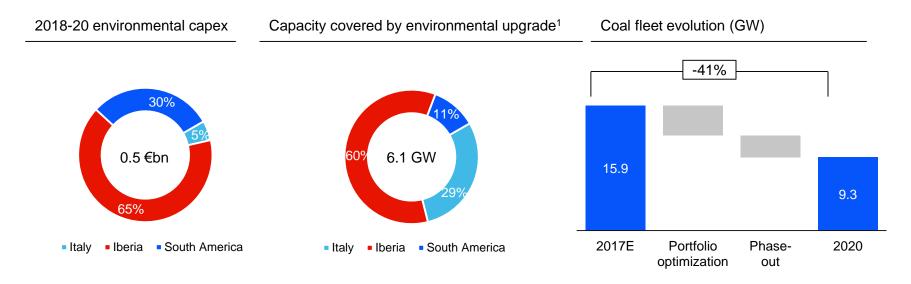


## Ongoing installed capacity optimization

- 1. Excluding nuclear
- 2. Excluding Italian marginal assets effects



Capacity strategy: focus on coal

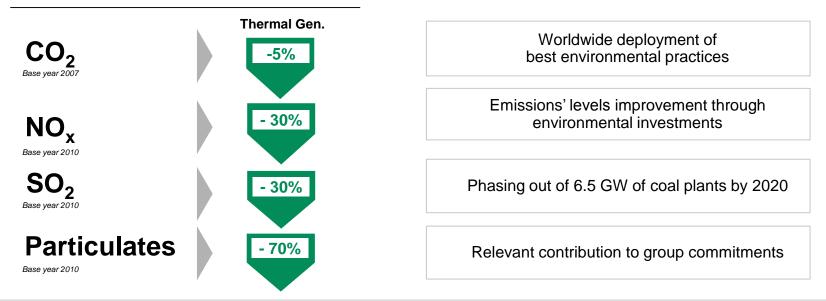


## Relevant role in the Group mix decarbonization

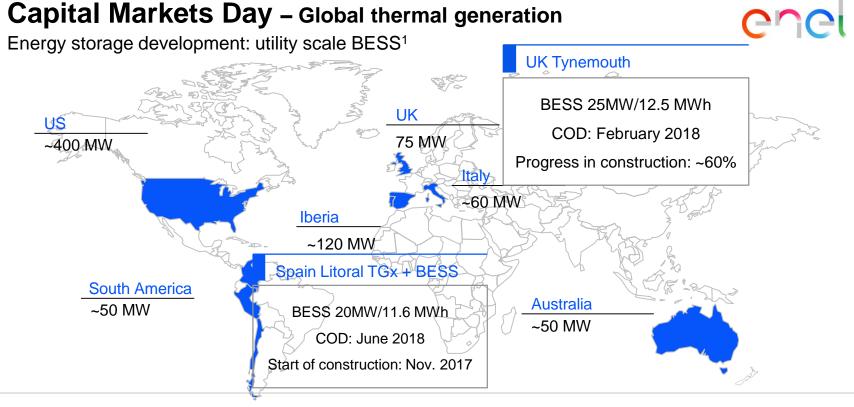


Environmental performance

#### New challenges @2020



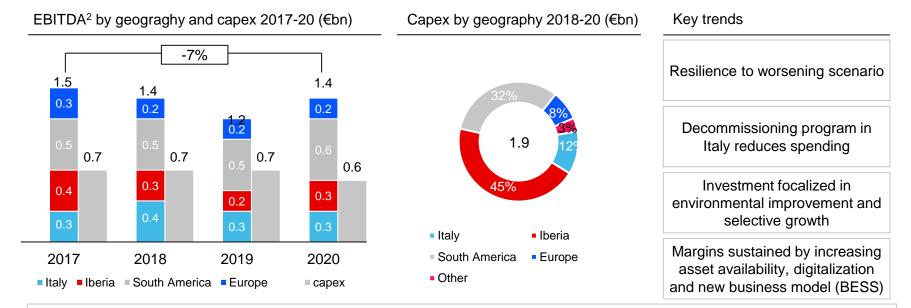
Environmental footprint improvement as a driver for the industrial strategy



>750 MW of projects under development, 350 MW by 2020

## **Capital Markets Day – Global thermal generation** Financial targets<sup>1</sup>





### All investments sustained by internal profitability

1. Excluding nuclear and trading

# **Capital Markets Day**

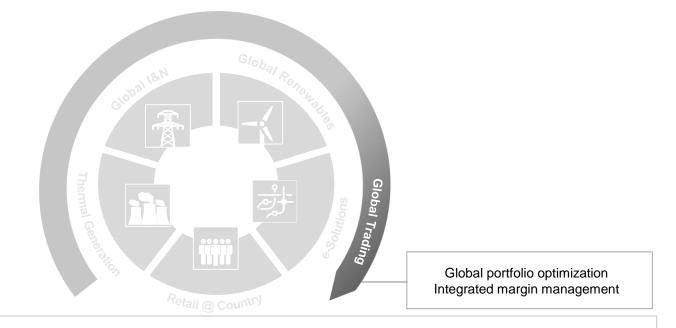
**Global Trading** 

Claudio Machetti



Integrated model fit for digitalized, low carbon world



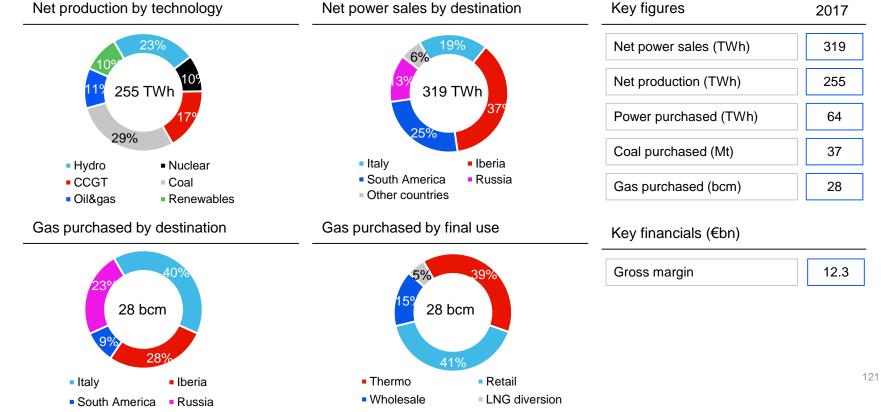


Diversified global portfolio evolution leading to integrated margin optimization

kev figures



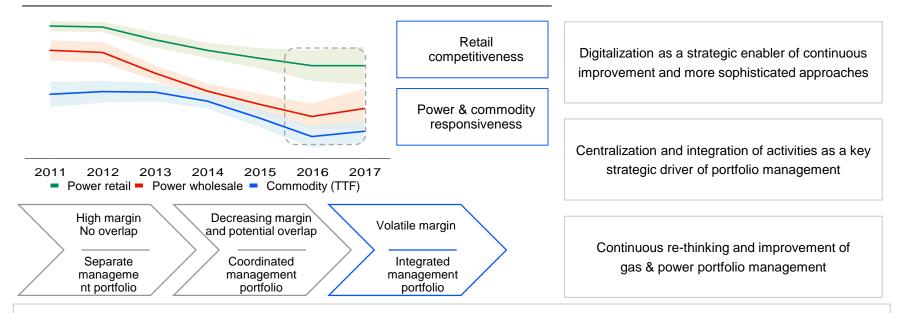
Positioning and 2017 key figures





Role of energy management

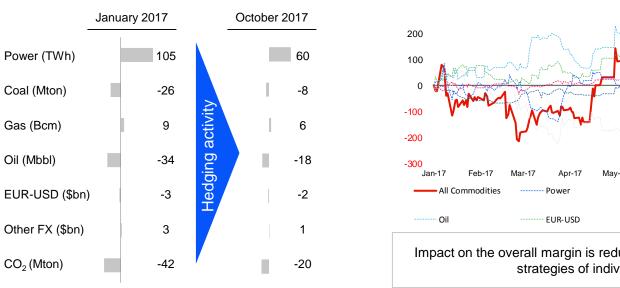
Energy management vs competitive landscape(€/MWh)



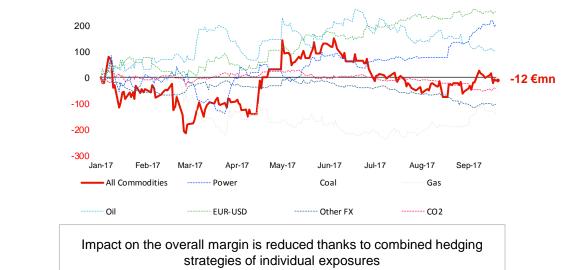
Full integration of conventional generation, renewables and retail gas & power portfolios

The group's resilience to the volatility of commodity prices

Global exposure year 2018



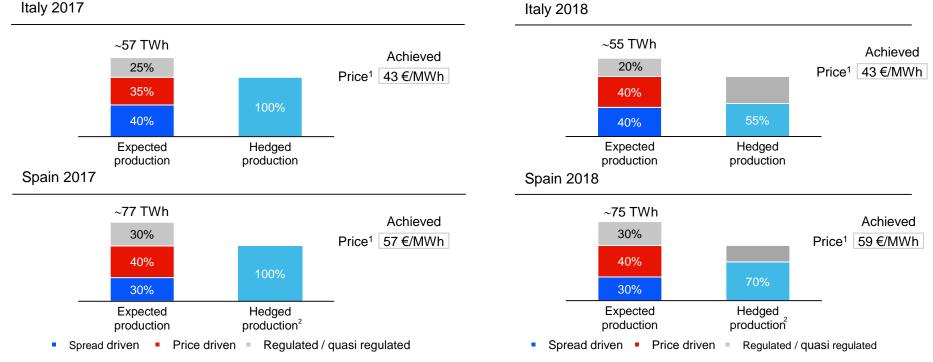
Commodity price volatility generates significant margin variation



Hedging activities aimed at reducing exposures by maintaining a balanced portfolio

enel

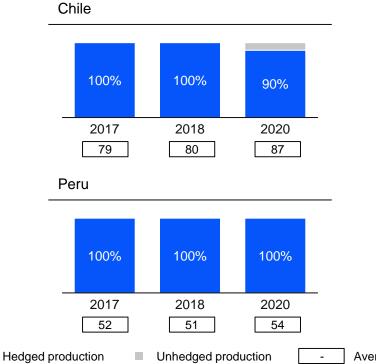
Forward sales Italy and Spain



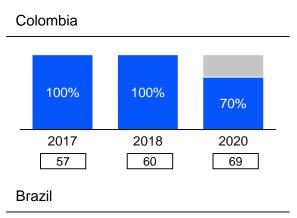
1. Average hedged price. Wholesale price for Italy, Retail price for Spain

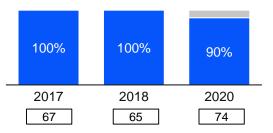
2. Including only mainland production

Forward sales South America







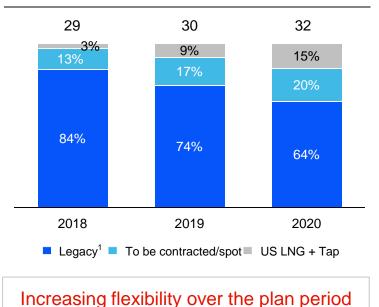


- Average price (USD/MWh)

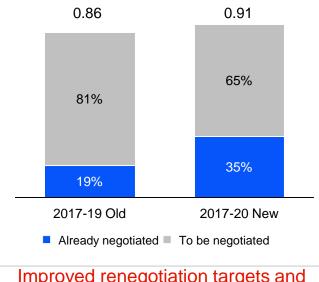
Delivery on gas contract renegotiation



#### Portfolio evolution (bcm, %)



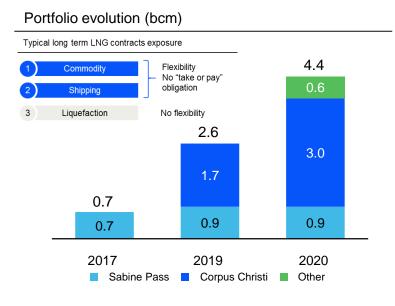
#### Price review impact (€bn)



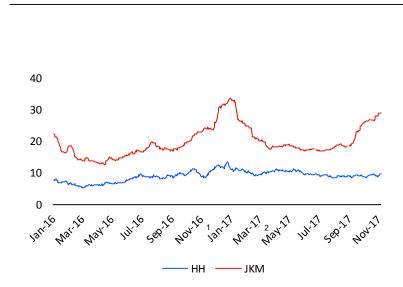
Improved renegotiation targets and reduced execution risk

## Capital Markets Day – Global trading US LNG gas portfolio

enel



#### LNG (€c/cm)



## High price volatility enhances value of US LNG optionality

- 1. Henry Hub natural gas spot price
- 2. Far East LNG price reference

**Financial targets** 



#### Gross Margin (€bn) Key drivers +12% Generation: enhanced results mainly due to renewables growth 13.9 13.0 12.3 12.3 Gas: increasing gross margin thanks to price review and portfolio optimization actions Power Retail: positive trend in power retail activities in all regions 2017 2018 2019 2020

### Growth and portfolio optimization leading to gross margin increase

# **Capital Markets Day**

Closing remarks



Delivered on all targets

Continued excellent execution in strategic pillars

Well positioned for digitalized, low carbon world

Operating model driving long term shared value for all our stakeholders

Increasing our financial targets, with dividend floor reflecting confidence



Capital Markets Day 2018-20 strategic plan Key financials Annexes

Assumptions: Commodities, prices, macroeconomics and FX

C	2	0	ł
			•

Scenario	20	17	20	18	20	19	2020	
Scenario	New Plan	Old Plan						
Brent \$/bbl	53	48	57	52	60	55	65	-
Coal \$/ton	83	50	68	52	65	53	62	-
Gas TTF €/MWh	17	14	16	15	16	16	17	-
CO2 €/ton	6	7	6	9	8	10	9	-
ltaly €/MWh	51	41	45	43	46	45	46	-
Spain €/MWh	48	43	45	46	47	50	47	-
Chile €/MWh	53	60	46	37	31	30	35	-
Colombia €/MWh	38	51	44	51	44	49	36	-
Italy GDP (%)	1.1	0.9	1.0	1.0	0.9	1.0	0.9	-
Italy electricity demand (% Change YoY)	1.1	0.8	0.5	0.7	0.7	0.7	1.0	-
Spain GDP (%)	3.0	2.1	2.3	1.9	1.9	1.8	1.8	-
Spain electricity demand (% Change YoY)	0.2	1.2	1.1	1.2	1.3	1.2	1.4	-
South America GDP <sup>1</sup> (%)	0.9	1.1	2.2	2.1	2.4	2.5	2.6	-
South America electricity demand <sup>2</sup> (% Change YoY)	0.2	3.2	2.9	3.4	2.8	3.6	3.0	-
EUR/USD	1.1	1.1	1.2	1.1	1.2	1.1	1.2	-
EUR/BRL	3.6	4.1	3.9	4.2	4.1	4.3	4.3	-
EUR/COP	3,337	3,268	3,573	3,535	3,730	3,678	3,924	-
EUR/CLP	731	734	777	718	774	704	781	-

2. Argentina, Brazil, Chile (CIS), Colombia, Peru. Average growth weighted by Enel's production

EBITDA<sup>1</sup> targets by Country and Global Business Line<sup>2</sup> (€bn)



	2017	2018	2019	2020
Italy	6.9	7.0	7.4	7.8
Global Thermal Generation	0.1	0.1	0.1	0.3
Global I&N	3.5	3.5	3.7	3.7
Global Renewable Energies	1.1	1.2	1.2	1.3
Retail	2.0	2.0	2.1	2.1
e-Solutions	0.0	0.0	0.1	0.1
Service & Other	0.2	0.1	0.1	0.1
Iberia	3.4	3.4	3.5	3.8
Global Thermal Generation	0.7	0.5	0.5	0.6
Global I&N	1.9	2.0	2.1	2.1
Global Renewable Energies	0.2	0.3	0.4	0.5
Retail	0.4	0.4	0.5	0.6
e-Solutions	0.0	0.1	0.1	0.1
Service & Other	0.1	0.1	0.0	0.0
South America	4.0	4.8	5.3	5.6
Global Thermal Generation	0.5	0.5	0.5	0.6
Global I&N	1.6	2.2	2.5	2.7
Global Renewable Energies	1.8	2.0	2.1	2.1
Retail	0.1	0.1	0.1	0.2
e-Solutions	0.0	0.1	0.1	0.1
Service & Other	(0.1)	(0.1)	(0.0)	(0.0)
Europe & North Africa	0.6	0.5	0.5	0.5
North & Central America	0.8	0.6	0.6	0.6
Sub-Saharan Africa & Asia	0.1	0.1	0.1	0.1
Other	(0.3)	(0.0)	(0.2)	(0.1)
Total	15.5	16.2	17.2	18.2

## EBITDA<sup>1</sup> targets new vs old perimeter (€bn)



134

					Glol	bal Renewa	ables Ene	rgies				
		2017		2018				2019		2020		
	EGP <sup>2</sup>	Large Hydro	Global Renewable Energies									
Italy	0.6	0.6	1.1	0.5	0.7	1.2	0.5	0.7	1.2	0.6	0.7	1.3
Iberia	0.2	0.1	0.2	0.2	0.1	0.3	0.2	0.2	0.4	0.3	0.2	0.5
South America	0.3	1.5	1.8	0.6	1.4	2.0	0.6	1.5	2.1	0.6	1.5	2.1
Europe & North Africa	0.1	-	0.1	0.1	-	0.1	0.1	-	0.1	0.1	-	0.1
North & Central America	0.8	-	0.8	0.6	-	0.6	0.6	-	0.6	0.5	-	0.5
Sub-Saharan Africa & Asia	0.0	-	0.1	0.1	-	0.1	0.1	-	0.1	0.1	-	0.1
Other	(0.1)	-	(0.1)	(0.1)	-	(0.1)	(0.1)	-	(0.1)	(0.1)	-	(0.1)
Total	2.0	2.2	4.1	2.0	2.2	4.2	2.1	2.3	4.4	2.2	2.4	4.6

		Global Thermal Generation													
		2017			2018			2019			2020				
	Global Thermal Generation	Large Hydro	Global Generation <sup>3</sup>	Global Thermal Generation	Large Hydro	Global Generation <sup>3</sup>	Global Thermal Generation	Large Hydro	Global Generation <sup>3</sup>	Global Thermal Generation	Large Hydro	Global Generation <sup>3</sup>			
Italy	0.1	0.6	0.7	0.1	0.7	0.7	0.1	0.7	0.8	0.3	0.7	1.0			
Iberia	0.7	0.1	0.9	0.5	0.1	0.7	0.5	0.2	0.7	0.6	0.2	0.8			
South America	0.5	1.5	2.0	0.5	1.4	1.9	0.5	1.5	2.0	0.6	1.5	2.1			
Europe & Noth Africa	0.3	-	0.4	0.2	-	0.2	0.2	-	0.2	0.2	-	0.2			
North & Central America	-	-	-	-	-	-	-	-	-	-	-	-			
Sub-Saharan Africa & Asia	-	-	-	-	-	-	-	-	-	-	-	-			
Other	(0.0)	-	(0.0)	-	-	-	-	-	-	-	-	-			
Total	1.5	2.2	3.9	1.3	2.2	3.5	1.3	2.3	3.6	1.6	2.4	4.0			

1. Reconciliation, rounding figures. Global Thermal Generation and Global Generation include nuclear and trading

2. Renewables old organizational structure

3. Global Generation old organizational structure

## Capex<sup>1,2</sup> plan 2017-20 (€bn)



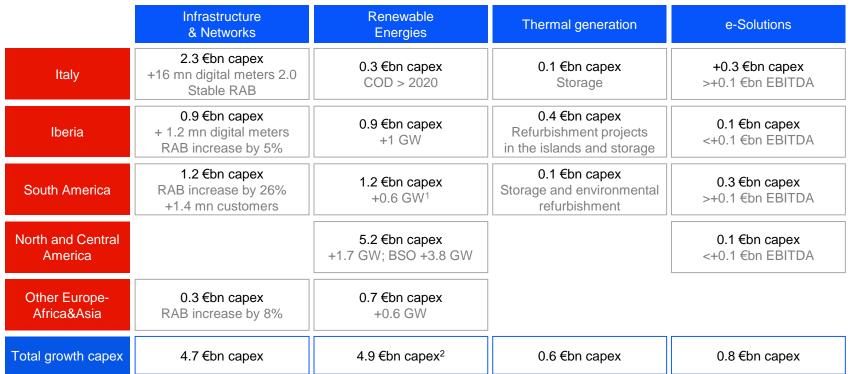
135

		2017			2018			2019		2020			
	Growth	Maintenance	Connections										
Italy	0.6	0.9	0.4	1.2	0.8	0.4	1.1	0.8	0.5	0.9	0.7	0.5	
Global Thermal Generation	0.1	0.1	-	0.0	0.1	-	0.0	0.1	-	0.0	0.0	-	
Global I&N	0.4	0.5	0.4	0.8	0.5	0.4	0.7	0.5	0.5	0.7	0.4	0.5	
Global Renewable Energies	0.1	0.1	-	0.1	0.1	-	0.1	0.1	-	0.1	0.1	-	
Retail	0.0	0.1	-	-	0.1	-	-	0.1	-	-	0.1	-	
e-Solutions	-	-	-	0.1	-	-	0.1	-	-	0.1	-	-	
Service & Other	0.0	0.0	-	0.1	0.0	-	0.1	0.0	-	0.0	0.0	-	
Iberia	0.3	0.6	0.2	0.6	0.7	0.2	1.1	0.6	0.2	0.6	0.5	0.2	
Global Thermal Generation	0.0	0.3	-	0.0	0.3	-	0.1	0.3	-	0.2	0.2	-	
Global I&N	0.2	0.2	0.2	0.3	0.2	0.2	0.4	0.2	0.2	0.3	0.2	0.2	
Global Renewable Energies	0.0	0.1	-	0.2	0.1	-	0.6	0.1	-	0.1	0.1	-	
Retail	0.0	0.0	-	-	0.0	-	-	0.0	-	-	0.1	-	
e-Solutions	-	-	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	
Service & Other	0.0	0.0	-	-	0.1	-	-	0.0	-	-	0.0	-	
South America	1.9	0.8	0.5	0.9	0.8	0.4	0.8	0.7	0.4	1.0	0.6	0.4	
Global Thermal Generation	0.1	0.2	-	0.1	0.2	-	0.0	0.2	-	0.0	0.1	-	
Global I&N	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	
Global Renewable Energies	1.3	0.1	-	0.3	0.1	-	0.3	0.1	-	0.6	0.1	-	
Retail	-	0.0	-	0.0	0.0	-	0.0	0.0	-	0.0	0.0	-	
e-Solutions	0.0	0.0	-	0.1	0.0	-	0.1	0.0	-	0.1	0.0	-	
Service & Other	0.0	0.0	-	0.0	0.0	-	-	0.0	-	-	0.0	-	
Europe & North Africa	0.1	0.2	0.0	0.1	0.1	0.0	0.3	0.1	0.0	0.3	0.1	0.0	
North & Central America	1.8	0.0	-	1.3	0.0	-	2.0	0.0	-	2.1	0.0	-	
Sub-Saharan Africa & Asia	0.1	0.0	-	0.1	0.0	-	0.1	0.0	-	0.1	0.0	-	
Other	0.0	0.0	-	0.1	0.0	-	0.0	-	-	0.0	-	-	
Total	4.7	2.5	1.2	4.3	2.5	1.1	5.4	2.2	1.1	5.0	2.0	1.1	
Total Capex		8.4			7.9			8.8			8.0		

1. Rounding figures

2. Global Thermal Generation includes nuclear and trading

Industrial growth: main drivers and projects



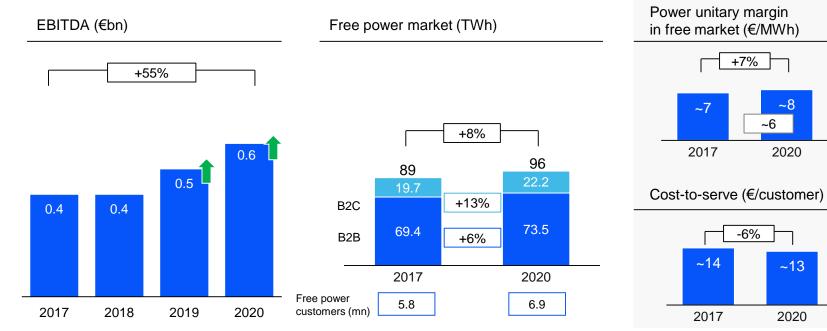
1. Excluding 380 MW hydro Volta Grande in Brazil

2. Excluding BSO for 3.4



Customer focus: retail in Iberia

enel



Customer focus: retail in South America

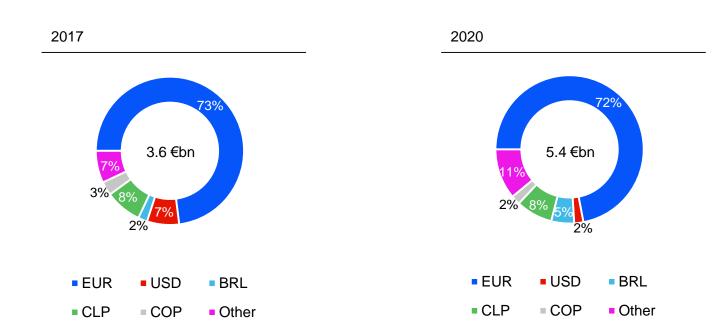




Regulated Free potential Free actual

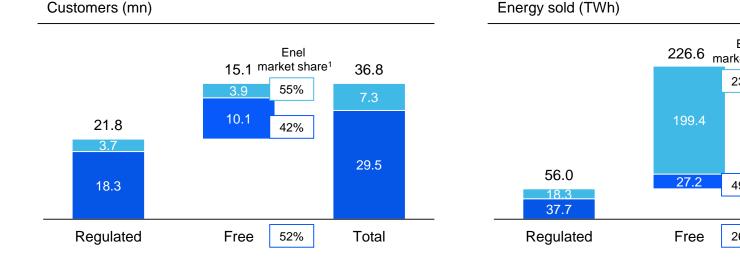


Group net income by currency

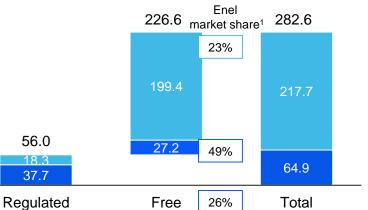


Retail: Italian power market





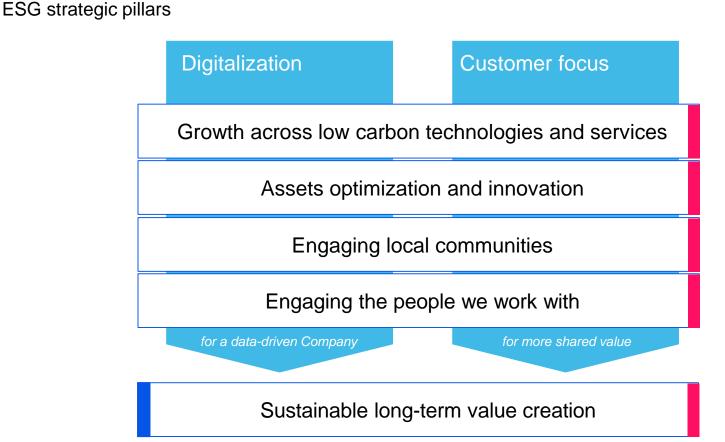
Energy sold (TWh)



B2C

B2B Capital Markets Day 2018-20 strategic plan Key ESG Annexes

enel



# enel

## Enel's plan pillars and backbones: cross-reference with SDGs

		NO POVERTY	ZERO HUNGER	GOOD HEALTH & WELL-BEING	QUALITY EDUCATION	GENDER EQUALITY	CLEAN WATER & SANITATION	AFFORDABLE & CLEAN ENERGY	DECENT WORK & ECONOMIC GROWTH	INDUSTRY, INNOVATION & INFRA- STRUCTURE	REDUCED INEQUA- LITIES	SUSTAINABLE CITIES & COMMUNITIES	RESPONSIBLE CONSUMP- TION & PRODUCTION	CLIMATE ACTION	LIFE BELOW WATER	LIFE ON LAND	PEACE, JUSTICE & STRONG INSTITUTIONS	PARTNER- SHIPS FOR THE GOALS
		A++++		-w	Mi	ę	<b>V</b>	*	11		⊜	A	00	Ø	<b>)</b>	<u>•</u> =	<u>×</u>	<b>&amp;</b>
	Growth across low carbon technologies & services	1	2	3	4	5	6	7	8	9	10	11	12	13 enei	14	15	16	17
Pillars	Assets optimization and Innovation							•										•
Bill	Engaging local communities		•	•	enei	•		enel	enei		•							
	Engaging the people we work with				•	•			•									
Enablers	Customer focus																	
Enat	Digitalization																	
	Occupational Health & Safety																	
les	Sound governance																	
ckbor	Environmental sustainability																	
Bae	Sustainable supply chain																	
	Economic and financial value creation																	

enel Public commitment with United Nations

Growth across low carbon technologies and services



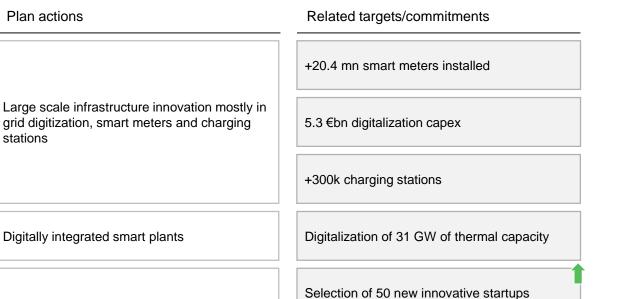
Plan actions	Related targets/commitments
	+0.6 GW storage capacity
Electrification, storage & demand response	+5 GW demand response
Development of renewable capacity and reduction of thermal capacity	+7.8 GW renewable capacity <sup>1</sup> -7.3 GW thermal capacity
Implementation of environmental international best practices to selected coal plants	~500 €mn investment
Specific CO <sub>2</sub> emissions reduction	< 350 gCO2 /KWheq (-25% base year 2007)
Promote actions in line with UN 'Making cities resilient 'campaign	300 cities



Plan actions

stations

Assets optimization and innovation



Foster global partnerships and 'high potential' startups to reap new technologies and ways to 'service' energy

Opening of at least 3 new Innovation hubs

### İ:ŧŧ;İ 9 INDUSTRY, INNOVATIO . E GLOBAL GOALS Sustainable Developmen 17 PARTNERSHIPS FOR THE GOALS æ



NEW

enel

3 GOOD HEALTH AND WELL-BEING 5 GENDER EQUALITY 1 NO POVERTY 4 QUALITY EDUCATION Ň×ŦŦ+Ť Ø \_/w/< 8 DECENT WORK AND ECONOMIC GROWTH 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE 10 REDUCED INEQUALITIES 6 0 Ξ THE GLOBAL GOALS For Sustainable Development 17 PARTNERSHIPS FOR THE GOALS **&** 

Engaging local communities

Plan actions	Related targets/commitments
High-quality, inclusive and fair education	0.8 million people <sup>1</sup> 0.4
Access to affordable and clean energy mainly in Africa, Asia and Latin America	3 million people <sup>1</sup>
Employment and sustainable and inclusive economic growth	3 million people1 From 1.5

Plan actions

Engaging the people we work with

1 № poverty <b>Ř****</b>		3 GOOD HEALTH AND WELL-BEING 	4 EDUCATION	5 EENDER EQUALITY
6 CLEAN WATER AND SANITATION		8 DECENT WORK AND ECONOMIC GROWTH	9 INDUSTRY, INNOVATION AND INTERSTRUCTURE	10 REDUCED INEQUALITIES
		THE GLOBA For Sustainable	L GOALS Development	12 RESPONSIBLE CONSUMPTION AND PRODUCTION
13 CLIMATE	14 LIFE BELOW WATER		16 PEACE JUSTICE AND STRONG INSTITUTIONS	17 FOR THE GOALS

100% of people <sup>1</sup> involved 99% of people <sup>1</sup> appraised 95% of people <sup>1</sup> interviewed (feedback)
100% of people <sup>1</sup> involved 86% of people <sup>1</sup> participating
Recruiting should ensure equal gender splitting of the candidates accessing selection (c. 50%)
100% of people involved in digital skills training
100% of international and intercontinental travels authorized and monitored by integrated Travel Security Process
120 planned Extra Checking on Site (ECoS)

Related targets/commitments

147

NEW

enei

enel

1 <sup>NO</sup>	3 GOOD HEALTH	4 QUALITY	5 GENDER
₽overty	AND WELL BEING	EDUCATION	EQUALITY
6 CLEAN WATER	8 DECENT WORK AND	9 ROUSTRY, RARVATION	10 REDUCED
AND SANITATION	ECONOMIC GROWTH	AND INFRASTRUCTURE	REQUALITIES
	For Sustainable	L GOALS Development	12 RESPONSIBLE CONSUMPTION AND PRODUCTION

Environmental sustainability

Plan actions	Related targets/commitments
Reduction of $SO_2$ specific emissions	-30% (vs 2010)
Reduction of NO <sub>x</sub> specific emissions	-30% (vs 2010)
Reduction of particulates specific emissions	-70% (vs 2010)
Reduction of water specific consumption	-30% (vs 2010)
Reduction of waste produced	-20% (vs 2015)

Digitalization and related risks: cyber security framework



1 <sup>ng</sup> ñ∗ŧ⁺ŧŧ		3 GOOD HEALTH AND WELL BEING	4 EDUCATION	5 GENDER EQUALITY
6 CLEAN WATER AND SANITATION		8 DECENT WORK AND ECONOMIC GROWTH	9 NOUSTRY, INNOVATION AND INFRASTRUCTURE	10 REDUCED INEQUALITIES
11 SUSTAINABLE CITIES AND COMMUNITIES	<b>N</b>	THE GLOBA	1 COALS	12 RESPONSIBLE CONSUMPTION AND PRODUCTION
▲■		or Sustainable	Development	

#### Plan actions

# Single strategy approach based on business risk management

Business lines involved in key processes: risk assessment, response and recovery criteria definition and prioritization of actions

Integrated information systems (IT), industrial systems (OT) and Internet of Things (IoT) assessment and management

'Cyber security by design' to define and spread secure system development standards Related targets/commitments

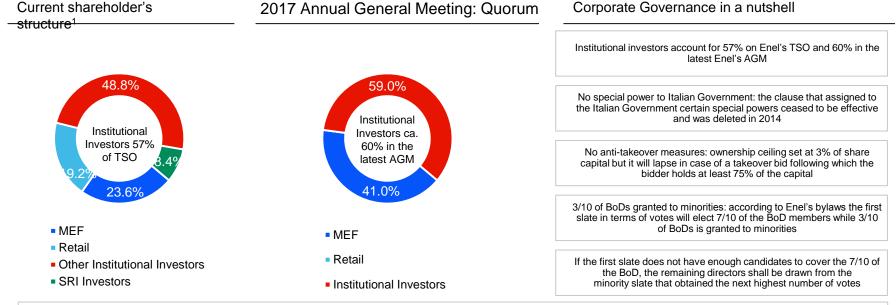
100% of internet web applications protected through advanced cyber security solutions

Setting up of Enel's CERT<sup>1</sup>, acknowledgement by CERTs<sup>1</sup> of 8 main countries of presence and affiliation with international organizations<sup>2</sup>

15 cyber security knowledge sharing events per year on average



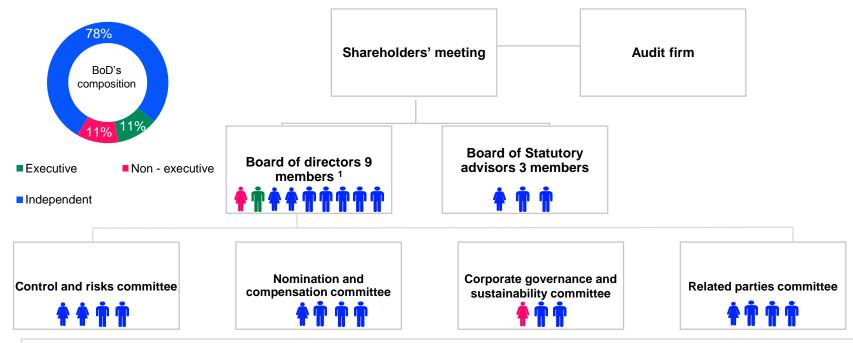




Increasing weight of institutional investors in Enel's share capital and AGM No special power granted to Italian Government

enel

Focus on corporate governance structure



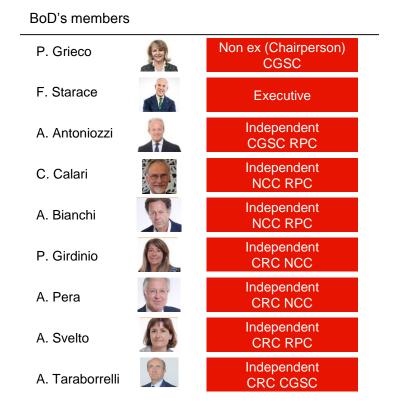
Well diversified BoD and Committees

The BoD and two Committees (CG&SC and RPC) are chaired by women

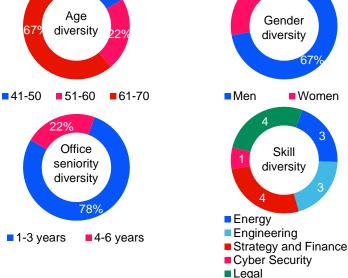
**Board composition** 



Women

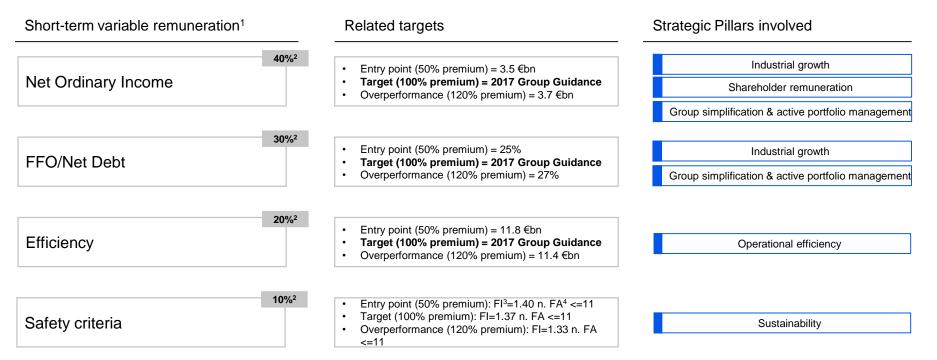


# BoD's Diversity<sup>1</sup>



Data as of 16 March 2017 1.

Focus on remuneration policy: short-term variable remuneration



1. Management by objectives (MBO)

2. (%) Weight in the variable remuneration

3. FI: Frequency Index

4. FA: Fatal Accidents in the year

enel

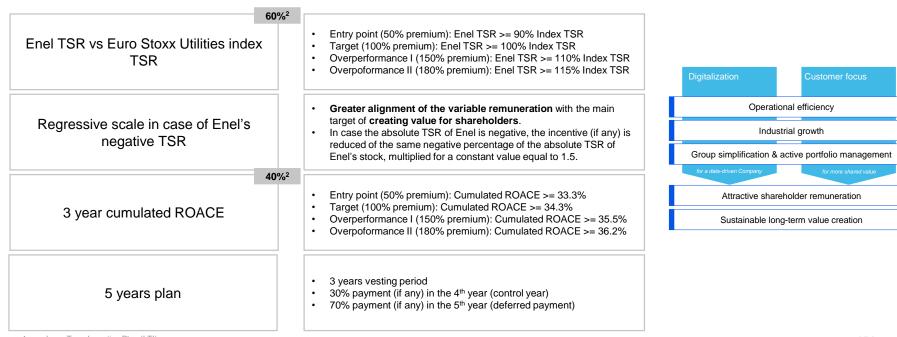
Focus on remuneration policy: long-term variable remuneration

Long-term variable remuneration<sup>1</sup>

#### Related targets

#### Strategic Pillars involved

Cr



1. Long-Term Incentive Plan (LTI)

2. (%) Weight in the variable remuneration

3. 3.FI: Frequency Index

4. FA: Fatal Accidents in the year

**Capital Markets Day** 2018-20 strategic plan 9M 2017 results Annexes

Financial highlights (€mn)

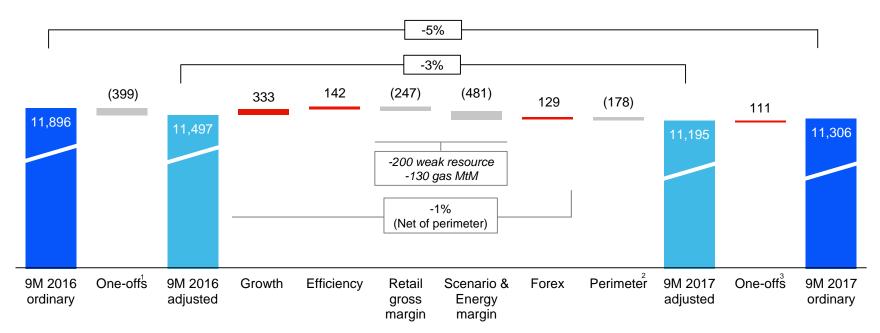


	9M 2017	9M 2016	$\Delta$ yoy	Adjusted
Revenues	54,188	51,459	+5%	
Reported EBITDA	11,450	12,010	-5%	
Ordinary EBITDA <sup>1</sup>	11,306	11,896	-5%	-3%4
Reported EBIT	7,217	7,689	-7%	
Ordinary EBIT	7,073	7,666	-8%	
Reported Group net income	2,621	2,757	-5%	
Group net ordinary income	2,583	2,700	-4%	+3% <sup>5</sup>
Capex <sup>2</sup>	5,547	5,504	+1%	
Net debt	37,941	37,553 <sup>3</sup>	+1%	
FFO	7,161	6,766	+6%	

- 1. Excludes extraordinary items for 114 €mn in 9M 2016 and for 144 €mn in 2017
- 2. Includes 27 €mn for capex related to asset held for sale in 9M 2017 and 287 €mn in 9M 2016
- 3. As of December 2016
- 4. Excludes +399 €mn one-offs in 9M 2016 and +111 €mn in 9M 2017

Ordinary EBITDA evolution (€mn)

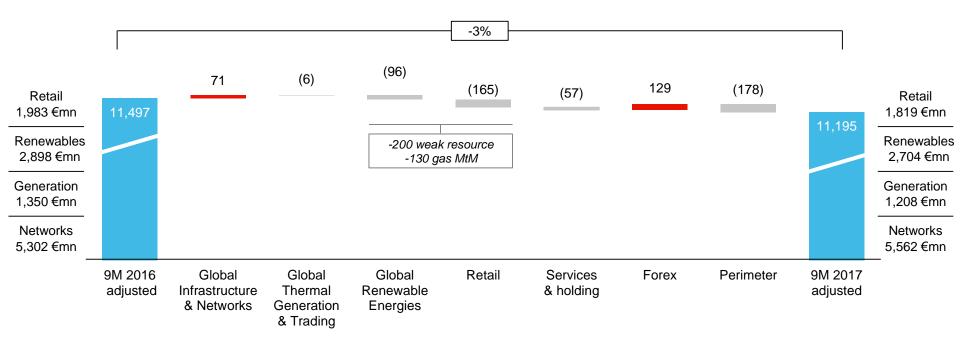




- 1. Includes: Gas price review in Italy +311 €mn, +78 €mn Ecotax in Iberia generation, +28 €mn provision release and +19 €mn capital gain on Compostilla RE in Iberia, -37 €mn other
- 2. Relates mainly to Slovenske Elektrarne and North America JV deconsolidation
- 3. Includes -45 €mn for personnel provisions for CELG, -38 €mn for penalties revaluation in Argentina, +52 €mn for islands settlement in Iberia and +142 €mn Bono Social in Iberia

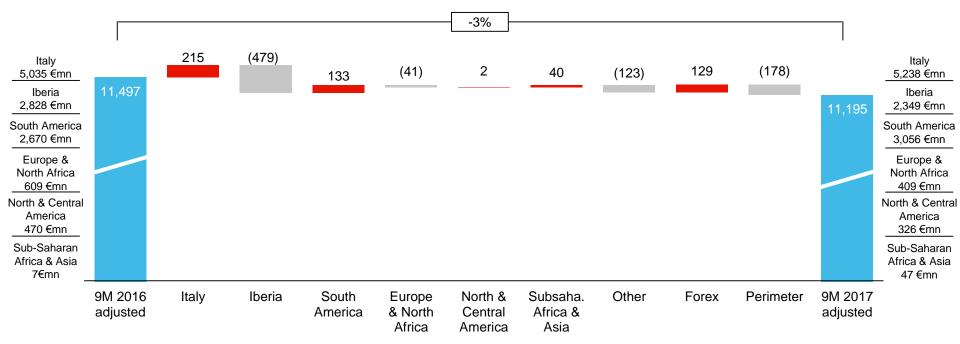
enel

Adjusted EBITDA by business (€mn)





Adjusted EBITDA by geography (€mn)





Ordinary<sup>1</sup> EBITDA matrix (€mn)

		eneration ading	Global Infra & Netv			wable rgies	Re	tail	Serv & Ot		Total	Total
	9M 2017	9M 2016	9M 2017	9M 2016	9M 2017	9M 2016	9M 2017	9M 2016	9M 2017	9M 2016	9M 2017	9M 2016
Italy	178	405	2,649	2,670	805	792	1,534	1,373	72	81	5,238	5,321
Iberia	597	668	1,389	1,393	176	308	331	592	50	9	2,543	2,970
South America	425	393	1,314	1,042	1,292	1,263	-	-	(58)	(76)	2,973	2,622
Argentina	76	61	171	123	24	19	-	-	-	-	271	203
Brazil	98	55	453	292	183	144	-	-	(27)	(25)	707	466
Chile	125	179	190	186	552	568	-	-	(31)	(51)	858	917
Colombia	37	30	350	296	428	421	-	-	-	1	815	747
Peru	89	68	150	145	98	105	-	-	-	-	337	318
Other	-	-	-	-	7	6	-	-	-	-	(15)	(29)
Europe and North Africa	202	309	136	173	116	95	(46)	31	1	1	409	609
Romania	2	4	136	173	78	55	(46)	33	1	1	171	266
Russia	200	126	-	-	-	-	-	-	-	-	200	126
Slovakia	-	191	-	-	-	-	-	-	-	-	-	191
Other <sup>2</sup>	-	(12)	-	-	38	40	-	(2)	-	-	38	26
North & Central America <sup>3</sup>	-	-	-	-	326	470	-	-	-	-	326	470
Africa & Asia <sup>4</sup>	-	-	-	-	47	7	-	-	-	-	47	7
Other Countries	-	(26)	(9)	-	(58)	(37)	-	-	(163)	(40)	(230)	(103)
Total	1,402	1,749	5,479	5,278	2,704	2,898	1,819	1,996	(98)	(25)	11,306	11,896

1. Excludes extraordinary items for +144 €mn in 2017 of Electrogas Chile capital gain and for +124 €mn in 2016 of Hydro Dolomiti capital gain

2. Includes Belgium, Greece, France, Bulgaria

3. Includes Mexico, USA, Panama, Canada, Guatemala, Costa Rica

4. Includes South Africa, India



Ordinary EBITDA matrix (€mn): new vs old perimeter

	Globa	Thermal Ge	neration & T	rading	Global Renewable Energies				
	9M 2	2017	9M 2	2016	9M 20	017	9M 20	)16	
	Global Thermal Generation	Global Generation	Global Thermal Generation	Global Generation	Global Renewable Energies	EGP	Global Renewable Energies	EGP	
Italy	178	571	405	727	805	412	792	470	
Iberia	597	660	668	799	176	113	308	177	
South America	425	1,462	393	1,467	1,292	255	1,263	189	
Argentina	76	101	61	80	24	(1)	19	-	
Brazil	98	187	55	136	183	94	144	63	
Chile	125	517	179	624	552	160	568	123	
Colombia	37	468	30	453	428	(3)	421	(2)	
Peru	89	189	68	174	98	(2)	105	(1)	
Uruguay	-	-	-	-	7	7	6	6	
Europe & North Africa	202	202	309	309	116	116	95	95	
Romania	2	2	4	4	78	78	55	55	
Russia	200	200	126	126	-	-	-	-	
Slovakia	-	-	191	191	-	-	-	-	
Other <sup>1</sup>			(12)	(12)	38	38	40	40	
North & Central America <sup>2</sup>	-	-	-	-	326	326	470	470	
Sub-Saharan Africa & Asia <sup>3</sup>	-	-	-	-	47	47	7	7	
Other	-	-	(26)	(26)	(58)	(58)	(37)	(37)	
Total	1,402	2,895	1,749	3,276	2,704	1,211	2,898	1,371	

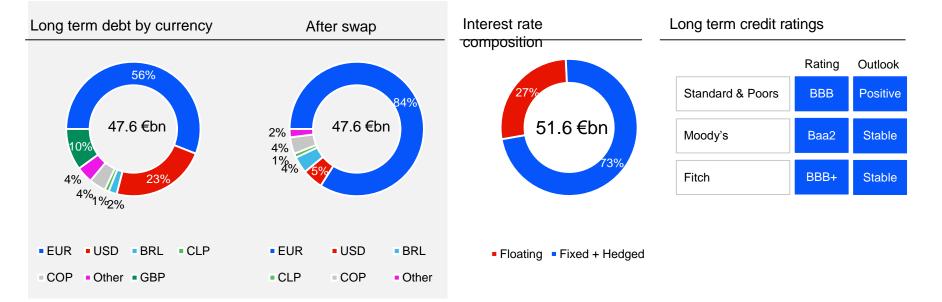
1. Includes Belgium, Greece, France, Bulgaria

2. Includes Mexico, USA, Panama, Canada, Guatemala, Costa Rica

3. Includes South Africa, India



Gross debt<sup>1</sup> structure

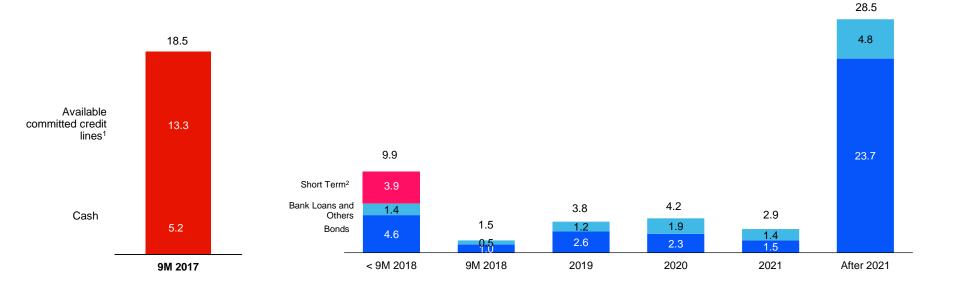


Debt structure by instrument (€bn)



Chei

Debt maturity coverage split by typology (€bn)



- 1. Of which 13 €bn of long term committed credit lines with maturities beyond September 2018
- 2. Includes commercial paper

enel

### Capital Markets Day Disclaimer



This presentation contains certain forward-looking statements that reflect the Company's management's current views with respect to future events and financial and operational performance of the Company and its subsidiaries. These forward-looking statements are based on Enel S.p.A.'s current expectations and projections about future events. Because these forward-looking statements are subject to risks and uncertainties, actual future results or performance may differ materially from those expressed in or implied by these statements due to any number of different factors, many of which are beyond the ability of Enel S.p.A. to control or estimate precisely, including changes in the regulatory environment, future market developments, fluctuations in the price and availability of fuel and other risks. You are cautioned not to place undue reliance on the forward-looking statements contained herein, which are made only as of the date of this presentation. Enel S.p.A. does not undertake any obligation to publicly release any updates or revisions to any forward-looking statements to reflect events or circumstances after the date of this presentation. The information contained in this presentation does not purport to be comprehensive and has not been independently verified by any independent third party.

This presentation does not constitute a recommendation regarding the securities of the Company. This presentation does not contain an offer to sell or a solicitation of any offer to buy any securities issued by Enel S.p.A. or any of its subsidiaries.

Pursuant to art. 154-bis, paragraph 2, of the Italian Unified Financial Act of February 24, 1998, the executive in charge of preparing the corporate accounting documents at Enel, Alberto De Paoli, declares that the accounting information contained herein correspond to document results, books and accounting records.

# **Capital Markets Day**

Contact us





Email investor.relations@enel.com

Phone +39 06 8305 7975

Web site <u>www.enel.com</u>

Luca Passa Head of Group Investor Relations

Elisabetta Ghezzi Investor Relations Holding

Donatella Izzo Investor Relations Sustainability and Other Countries

<u>Marco Donati</u> Investor Relations Reporting and Corporate Governance

#### Follow us

