Capital Markets Day

Global e-Solutions

Francesco Venturini



New brand



Our vision

Create the new power economy



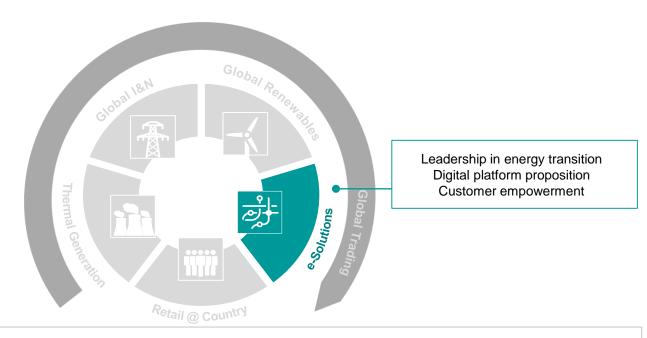
A name that builds on the trust and scale of Enel and signals distinctiveness and a new vision



A new brand for a distinctive positioning on the market

Integrated model fit for digitalized, low carbon world

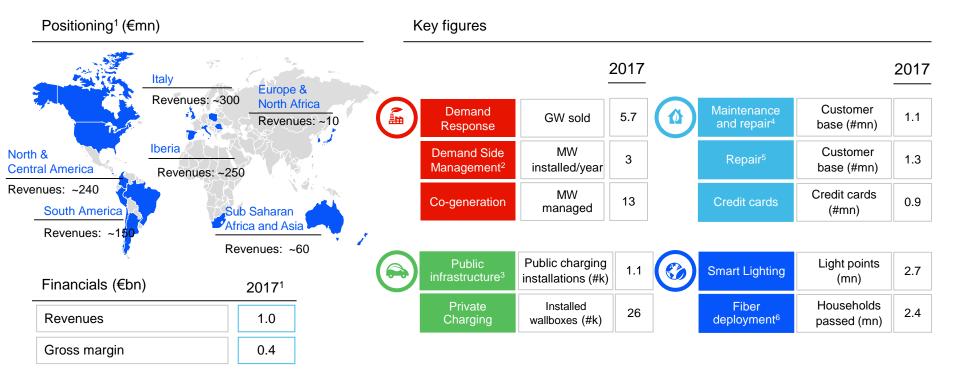




Focusing on new customers' needs through an asset light approach

Positioning and key figures



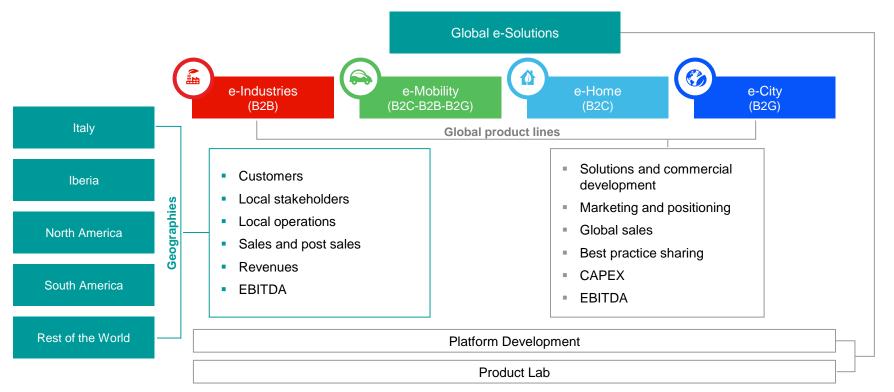


- Preclosing 2017 figures include EnerNOC and eMotorWerks full year
- Storage behind the meter
- Including both owned and managed charging stations

- Maintenance contracts (scheduled boiler maintenance) mainly on gas / electrical system 94
- Repair contracts (urgency) through external partners
- Italy, only A & B areas

Customer driven organization





Our portfolio of solutions in the 4 Global Product Lines





Consulting and auditing service

Distributed generation on/off site

Energy efficiency

Demand response and demand side management



e-Mobility

Public charging network

Private charging wall-box

Maintenance and other services

> Vehicle 1 Grid Vehicle 2 Grid



e-Home

Installation, maintenance and repair services

> Automated home management

Financial services

Home 2 Grid



e-City

Smart lighting

Fiber optic wholesale network

Distributed generation & energy services

Demand response and demand side management

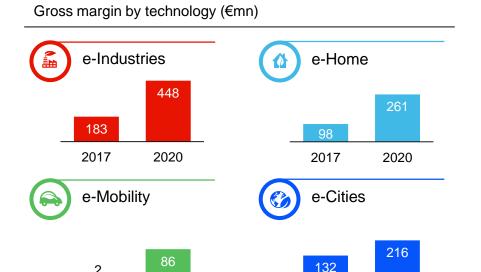
Flexibility

Addressing new customer needs with innovative technologies

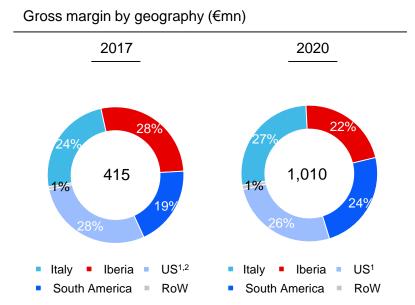
ene

Gross margin

2017



2017



2.5x growth in gross margin in 3 years

2020

2020

^{1.} Including EnerNOC activities in Asia and Australia

^{2.} Including EnerNOC and eMotorWerks FY Preclosing

KPI figures



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

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

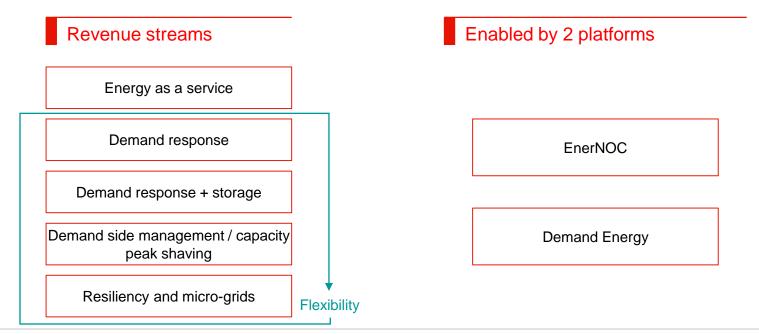
^{2.} Repair contracts (urgency) through external partners

^{3.} Italy, only A and B areas









Four types of flexibility services enabled by advanced software solutions

Focus on the Demand response business¹

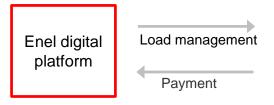




Commercial & industrial clients







Grid operator / utility customers



14,000 C&I sites

5,700 MW sold

Gross margin: 80 €mn

10 countries (~80% in US)

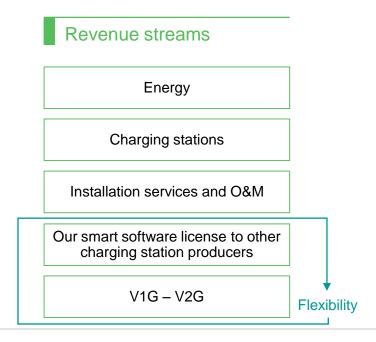
Global leader operator in the Demand response business thanks to EnerNOC acquisition

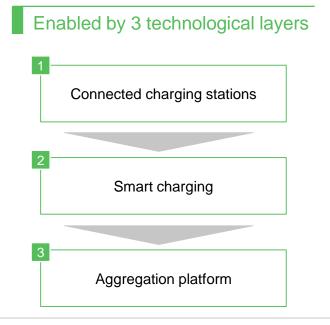
1. Preclosing 2017 figures

e-Mobility business model









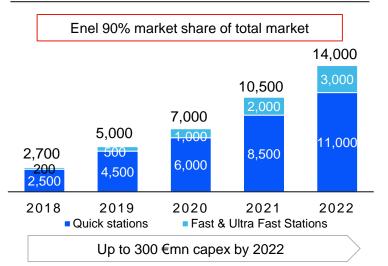
Technological leader thanks to a consolidated expertise and the acquisition of eMotorWerks

Italy: public charging installations plan





Enel public charging installation plan (# cumulated)



Enel products portfolio

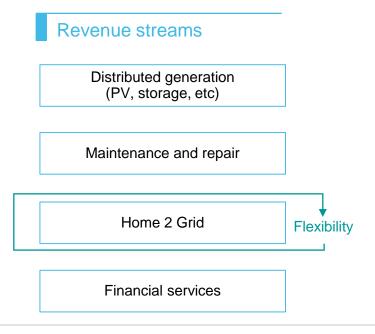


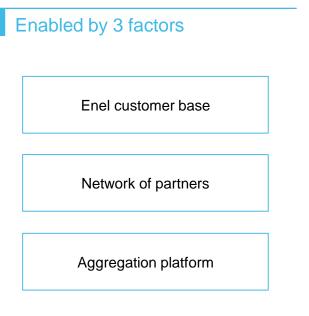
Enabling mobility take off in Italy

e-Home business model









Create a new home ecosystem leveraging on our brand recognition

Iberia and Colombia: business cases¹





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

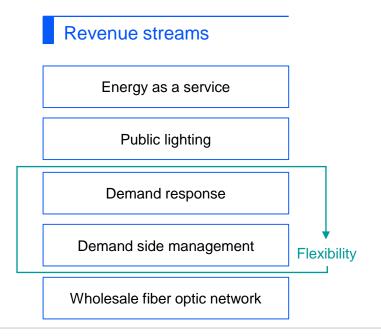
Financing access to low income customers

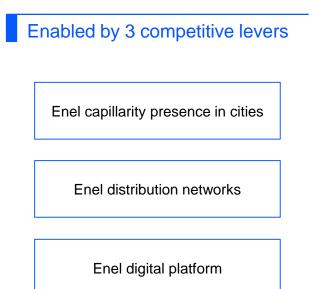
1. Preclosing figures 2017

e-City business model









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

Italy: Open Fiber plan



C&D clusters plan

open fiber

FTTH future proof technology

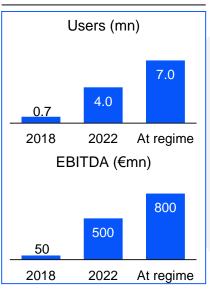
5-6 years time to complete Italy convergence

150k fiber km to be deployed

1 Gbps network speed

~6,500 municipalities connected





A&B clusters roadmap



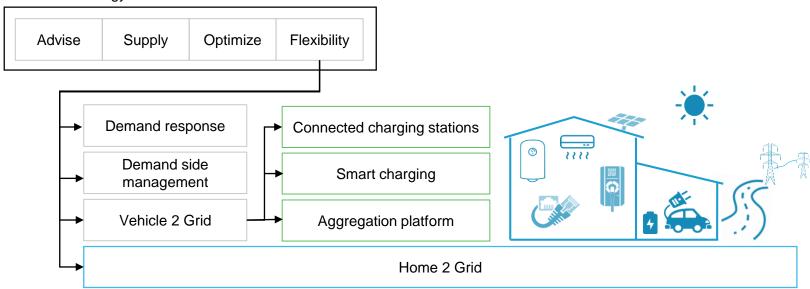
Player leading the digitalization of Italy

- 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



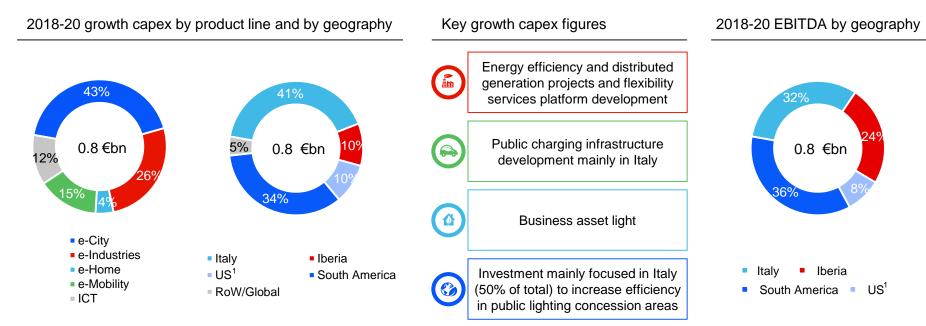




Best positioned to serve new customers' needs

Industrial growth 2018-20





EBITDA 2018-20 fully cover capex effort