



Investor Day

Rome - April 22nd, 2009

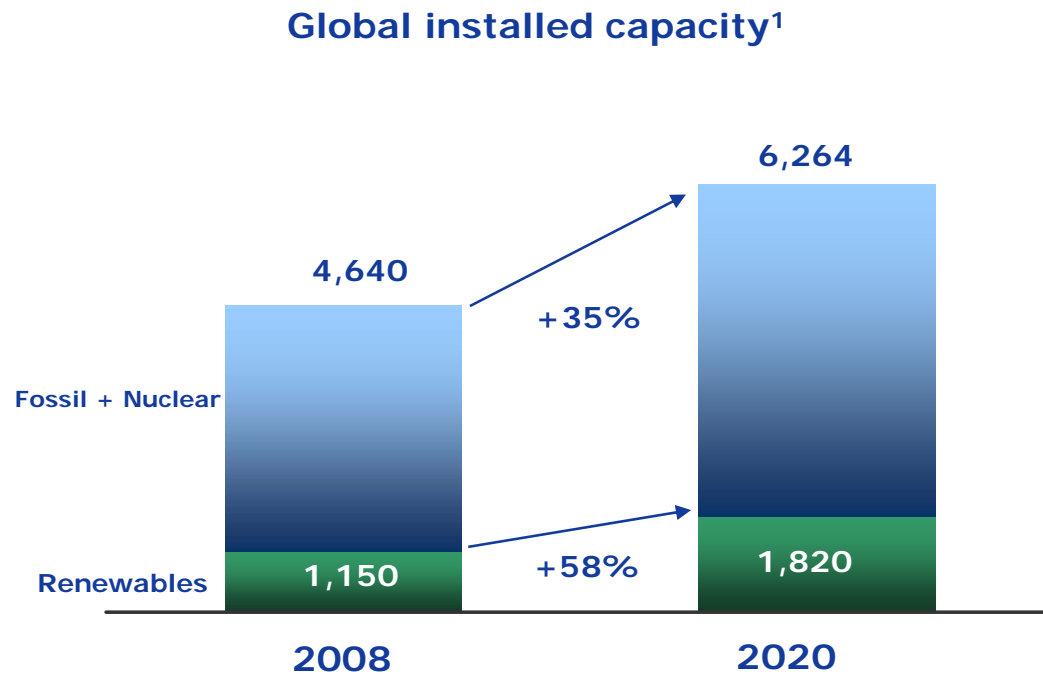
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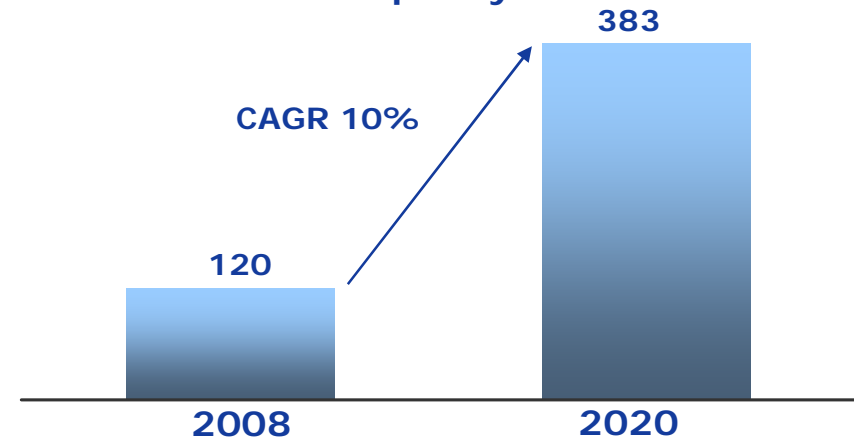
- | | |
|--|----------------|
| • Opening remarks | F. Conti |
| • Enel Green Power: a leading player in renewable energies | F. Starace |
| • Focus on technologies: | |
| • Geothermal | T. Volpe |
| • Hydro | V. Vagliasindi |
| • Focus on technologies: | |
| • Wind | M. Bezzeccheri |
| • Solar Photovoltaic | I. Wilhelm |
| • Business Development Model | R. Deambrogio |
| • Financial highlights | A. De Paoli |
| • Conclusions | F. Starace |

Global installed capacity

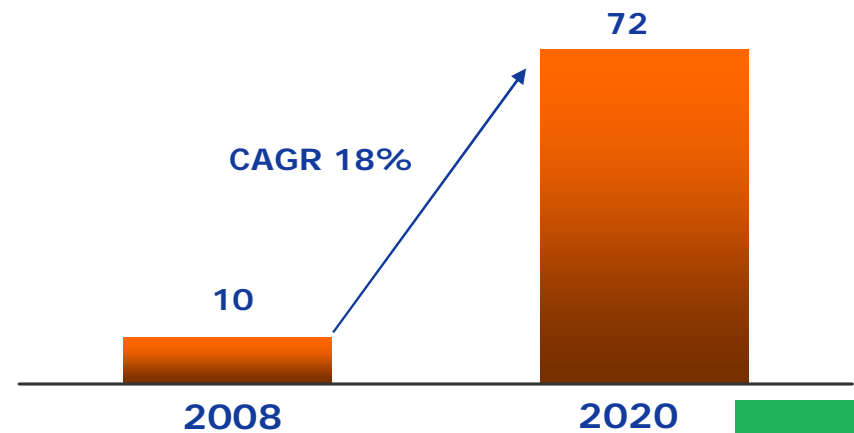
GW



Wind installed capacity



Solar installed capacity

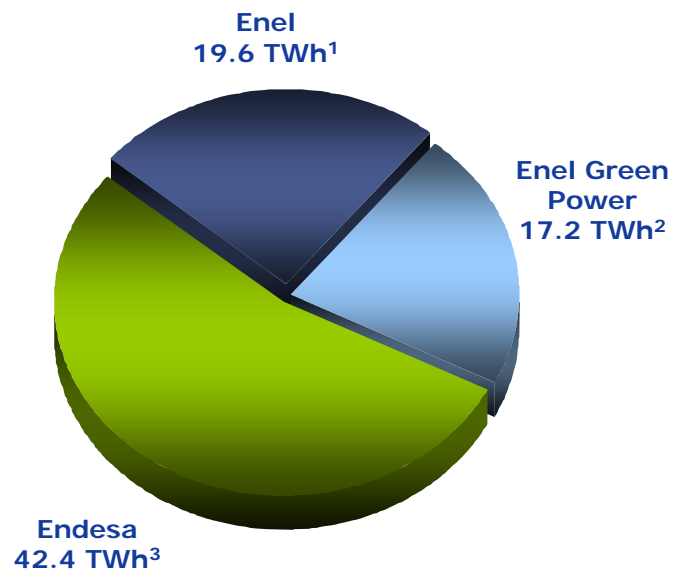


(1) IEA Reference scenario

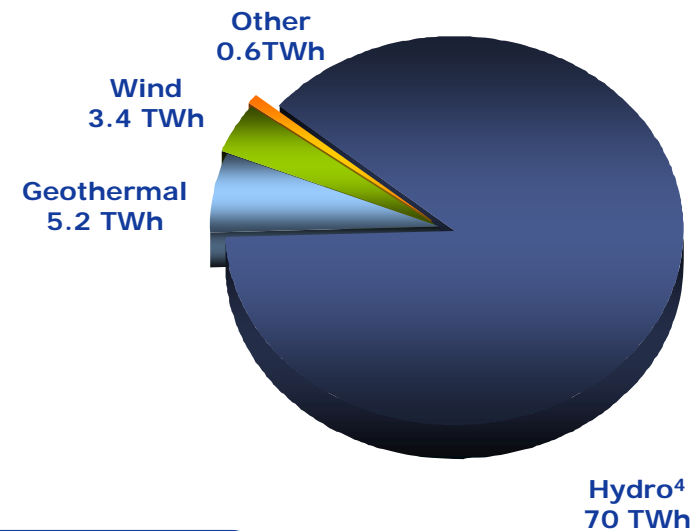
Enel Group renewable energy production

2008

By Company



By Technology



Total Enel Group production
79.2 TWh⁴

(1) It includes Slovenske Elektrarne large hydro

(2) Pro-forma 2008

(3) Endesa data consolidated at 100% and net of the agreed transfers to Acciona

(4) Net of pumped storage production

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Enel Green Power: a leading player in renewable energies

Francesco Starace

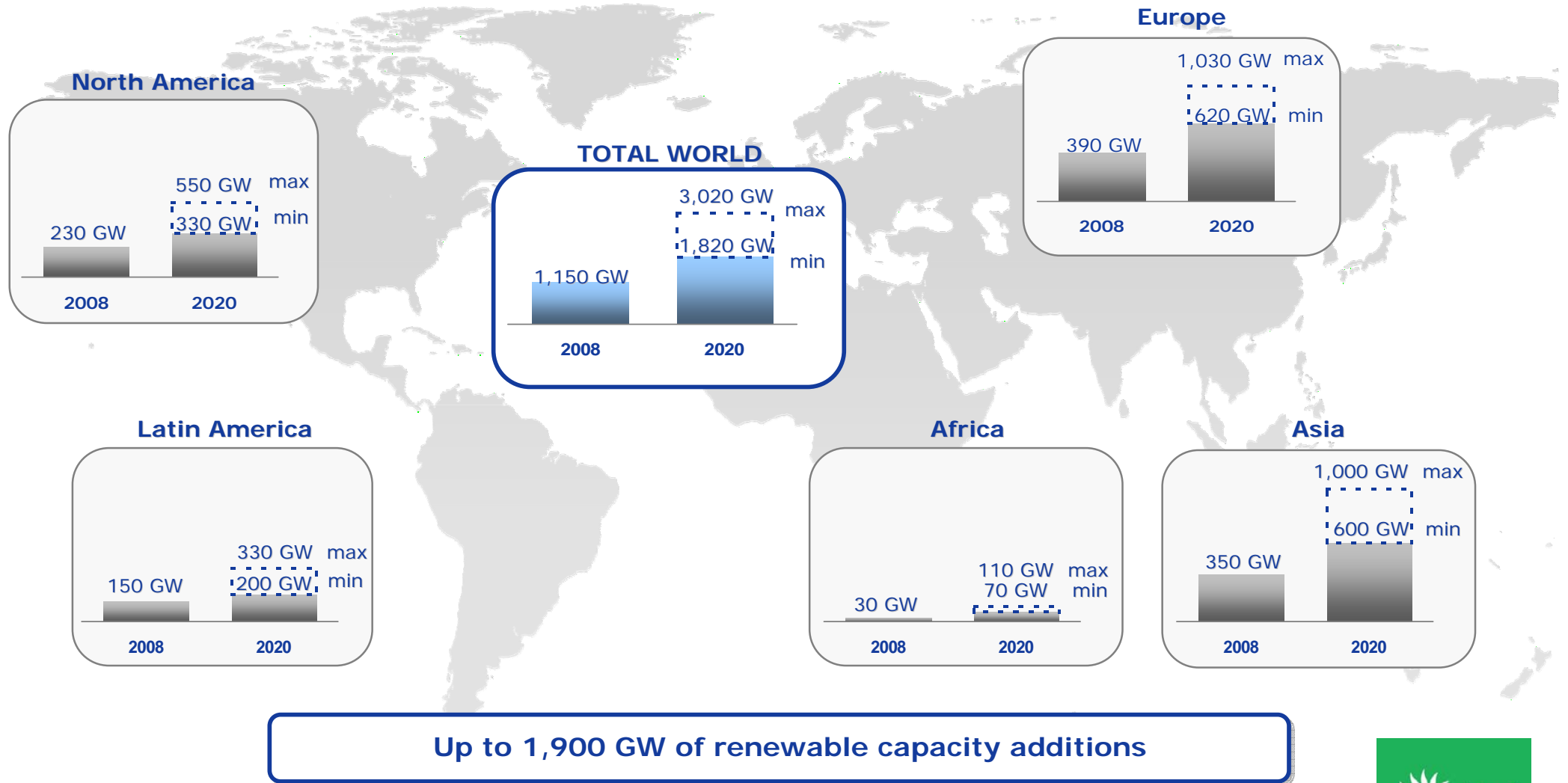
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Renewable energies: strong fundamentals in all geographies

Estimates of renewables installed capacity, 2008-2020



Source: Enel estimates based/WEO 2008/GWEC 2008 (2008); WEO 2008 Reference Scenario (2020 min); Industry reports/McKinsey (2020 max)

Renewable energies: strong fundamentals in all technologies

Technology	Global installed base	Global installed base	Δ capacity	CAGR	Technological maturity
	2008	2020			
Hydro	960 GW	1,280 GW	+320 GW	2% 8%	Very high (large hydro) Very high (small hydro)
Biomass	50 GW	470 GW	+420 GW	20%	Very high
Geothermal	10 GW	30 GW	+20 GW	10%	High
Wind	120 GW	800 GW	+680 GW	17%	High (on-shore) Low (off-shore)
Solar	10 GW	440 GW	+430 GW	37%	Medium (c-SI) Low (Thin Film) } Solar PV
					Low } Concentrated solar power
TOTAL	1,150 GW	3,020 GW	+1,870 GW	8%	

All technologies have potential for major capacity additions

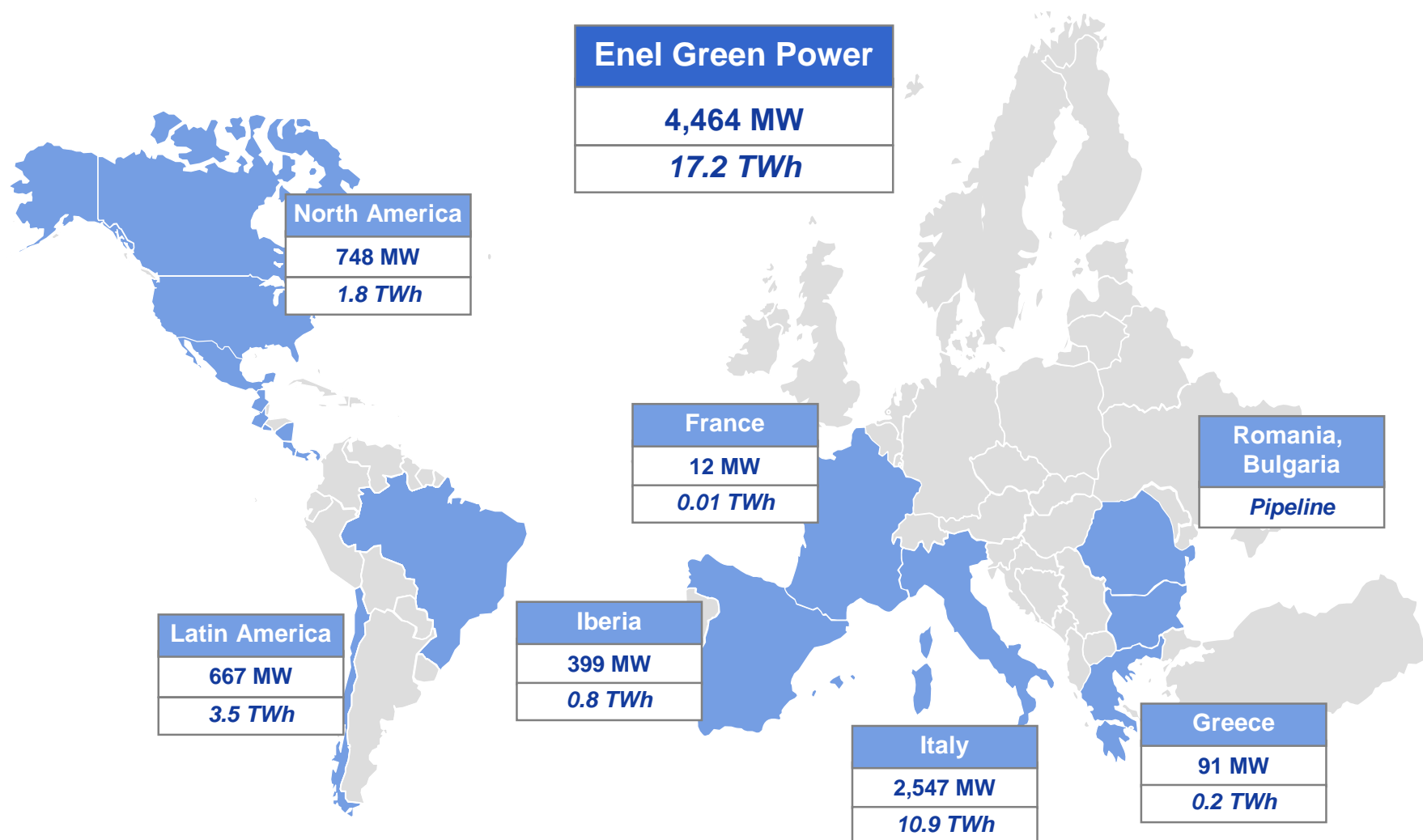
Source: Enel estimates based/WEO 2008/GWEC 2008 (2008); Industry reports/McKinsey (2020)



Enel Green Power: large renewable player well positioned in growth geographies

2008*

EGP presence



* Proforma data

Note: Endesa capacity not included (1,026 MW: 799 MW in Iberia and 227 MW in Latin America)

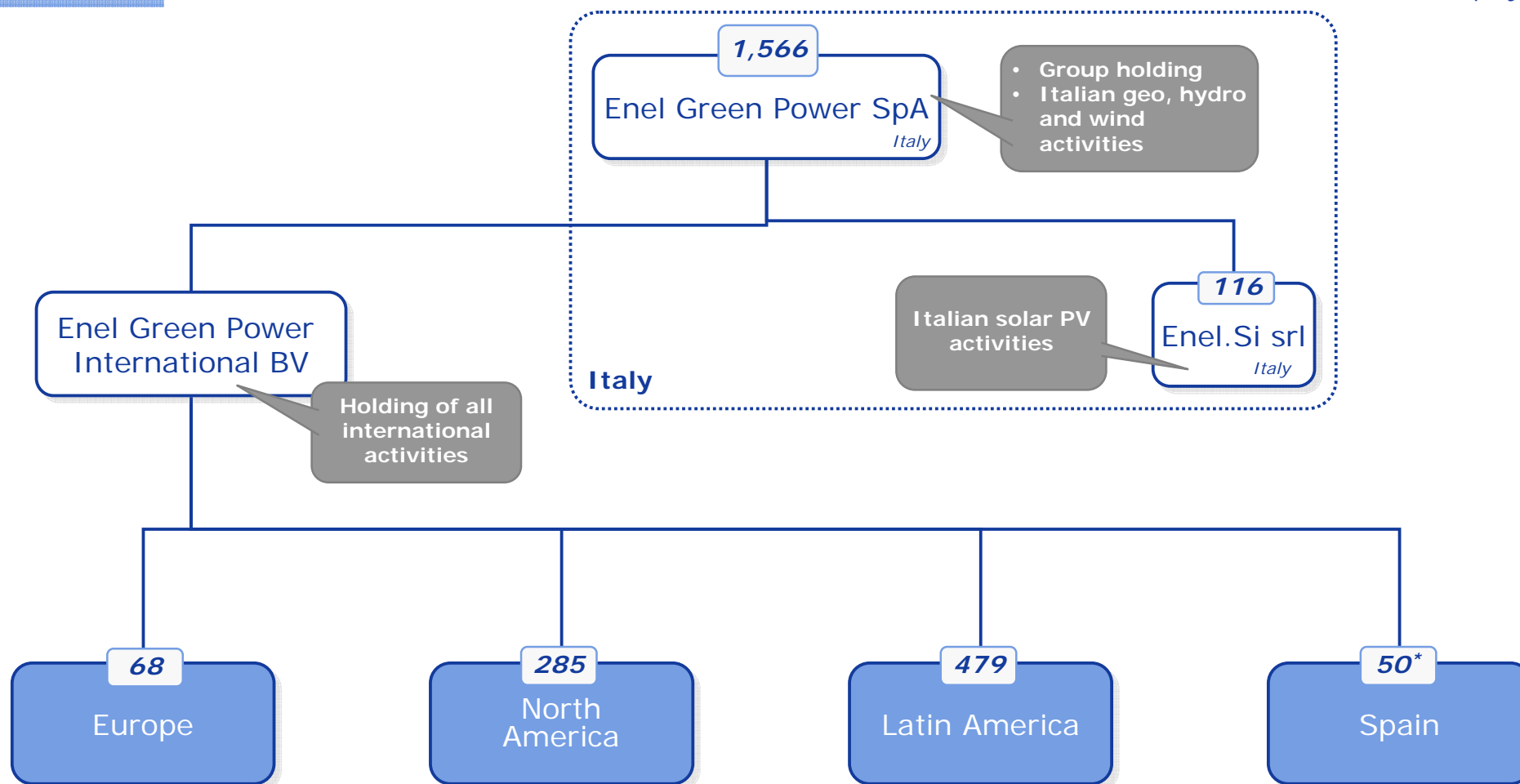
Enel Green Power: active in all four key technologies

Technology	Net installed capacity	Net production	Key areas	Enel Green Power
	2008	2008		
Hydro	2,498 MW	9.6 TWh	Italy – Iberia – Europe – North America – Latin America	
Geothermal	678 MW	5.2 TWh	Italy – North America	
Wind	1,237 MW	2.1 TWh	Italy – Iberia – Europe – North America – Latin America	
Solar	4 MW	n.m.	Italy (retail and module manufacturing)	
Biomass and other	48 MW	0.3 TWh	Iberia – North America	
TOTAL	4,464 MW	17.2 TWh		

Company structure

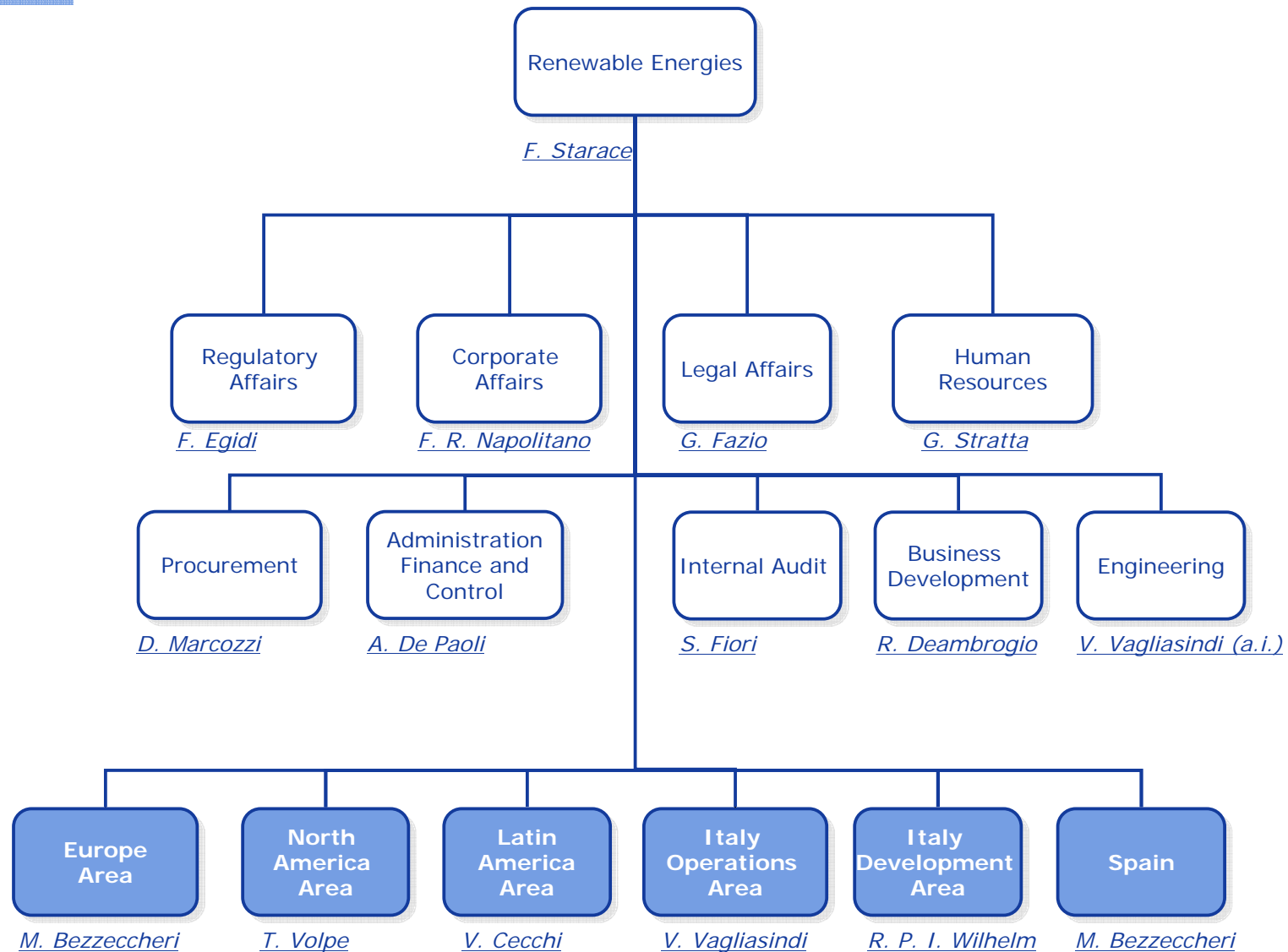
Tot. 2,564

Employees



* Equivalent to 50% of EUFER

Organizational model



Enel Green Power: four pillars to build upon

Balanced technology mix

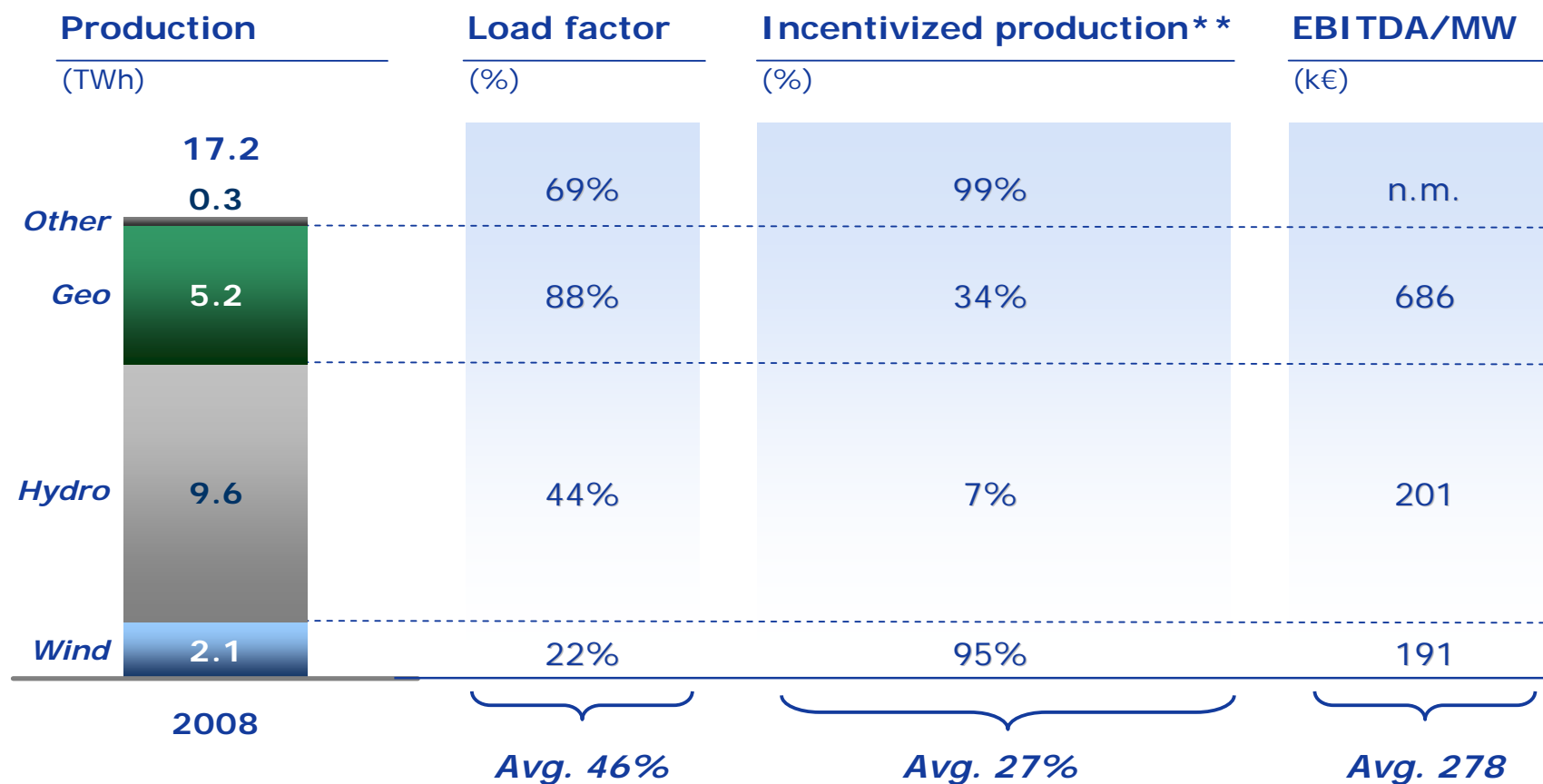
Diversified geographical presence

Low dependence on incentive schemes

Growth flexibility

Balanced technology mix

2008*



**High load factor and
low dependence on incentive schemes**

* Proforma data

** Includes production from plants entitled to PTCs (North America)

Diversified geographical presence

2008¹

Country	Capacity	Incentivized production ²	Avg. remuneration ³	Regulatory framework (affecting future projects)
Italy	2,547 MW	24%	99 €/MWh	Green Certificates, Feed-in
Spain	399 MW	100%	104 €/MWh	Feed-in, Market +Premium
Europe {	France	12 MW	} 89 €/MWh	Feed-in
	Greece	91 MW		Feed-in, Grants
North America	748 MW	59%	56 €/MWh	PTC, ITC
Latin America ⁴	667 MW	0%	76 €/MWh	Green Certificates, Fiscal Incentives
Total	4,464 MW	27%	90 €/MWh	

**Diversified geographies
with low dependence on incentive schemes**

- (1) Proforma data
- (2) Includes production from plants entitled to PTCs (North America)
- (3) Does not include effects of hedging policy
- (4) Includes Panama

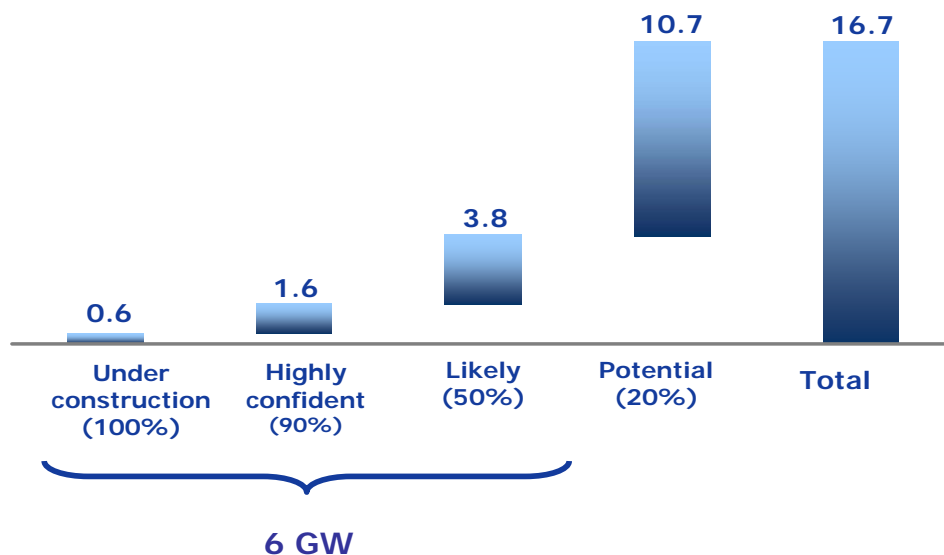


Growth flexibility

2008*

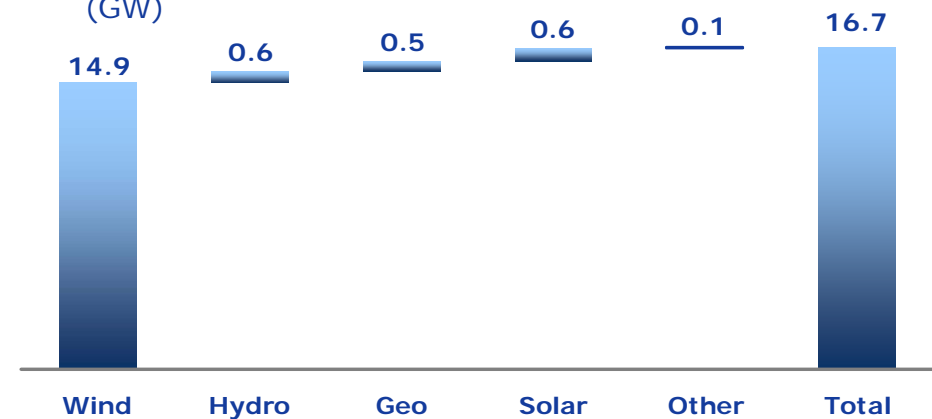
A solid pipeline...

(GW)



...with projects in four technologies

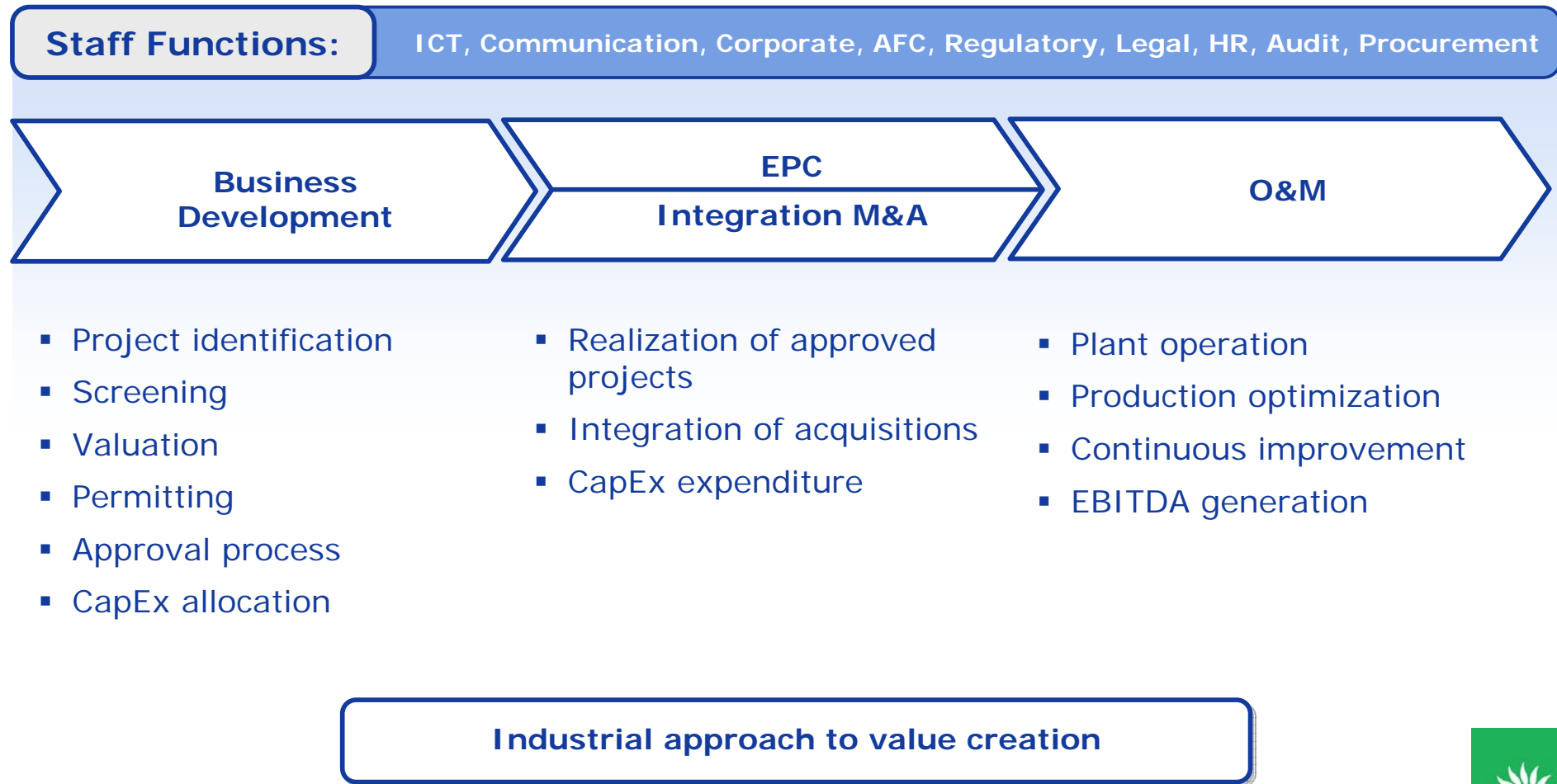
(GW)



6 GW of solid pipeline plus 10.7 GW of additional opportunities

* Proforma data; Endesa not included (accounting for 12.4 GW in terms of pipeline)

Development model



Leveraging on competencies

Hydro

2.5 GW installed globally

- Long lasting competencies
- Skills ranging from development to operation and maintenance
- Project pipeline in Italy and Latin America

Established competencies in development and O&M

Geothermal

0.7 GW installed globally

- Skills in development, exploration, engineering and construction, O&M
- Development of new projects in Latin America and North America

Fully integrated geothermal operator

Wind

1.2 GW installed globally

- Large pipeline, split among geographies to maximize optionality and return on investment
- Flexibility in turbines procurement, taking advantage of industry shake-up (overcapacity, cost reduction)

Well positioned to take advantage of sector shake-up

Solar PV

Strong position in the fast growing Italian market

- Leading retail network in Italy (Enel.si)
- Competence Centre (within R&D Division) in Italy
- Upstream integration into cell/module manufacturing (in progress)

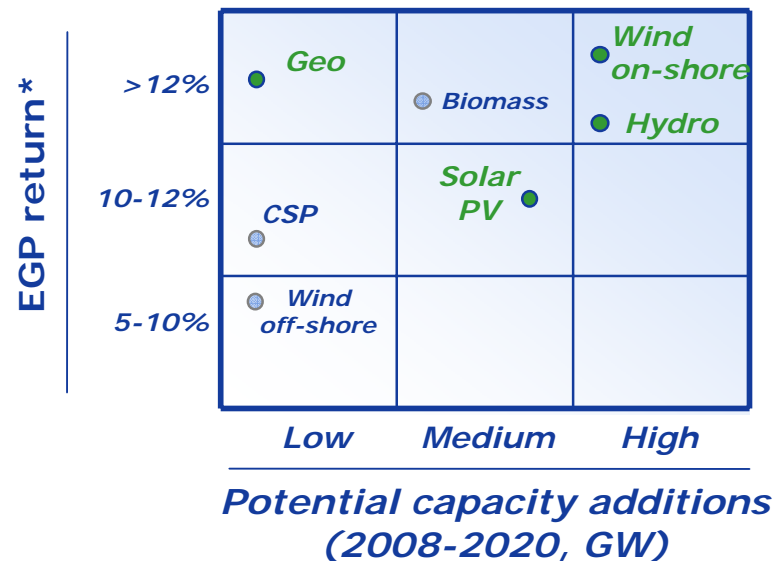
Unique position in the solar PV value chain

Leveraging competencies across all geographies

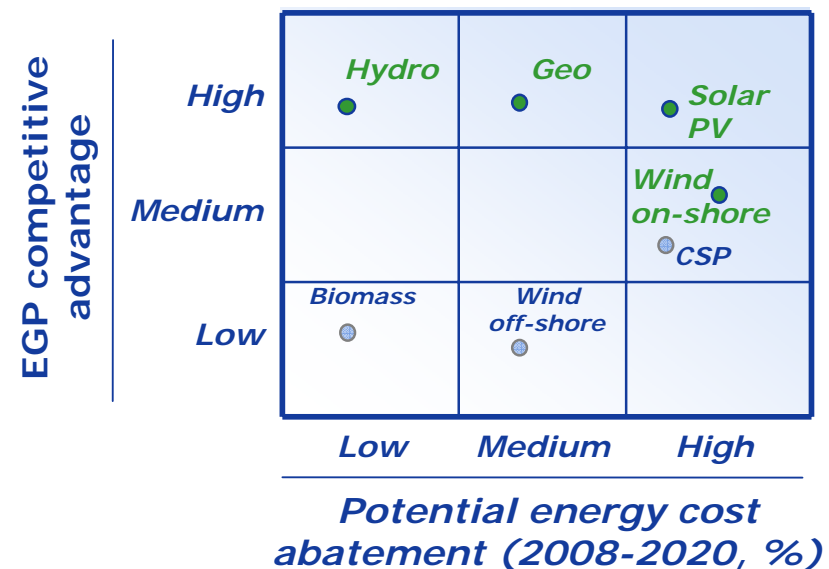
Balanced growth on multiple technologies

- Enel Green Power technologies

Financial attractiveness...



...and long-term sustainability



Maximizing returns and enhancing long-term sustainability

* Unlevered project IRR after taxes

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Geothermal power

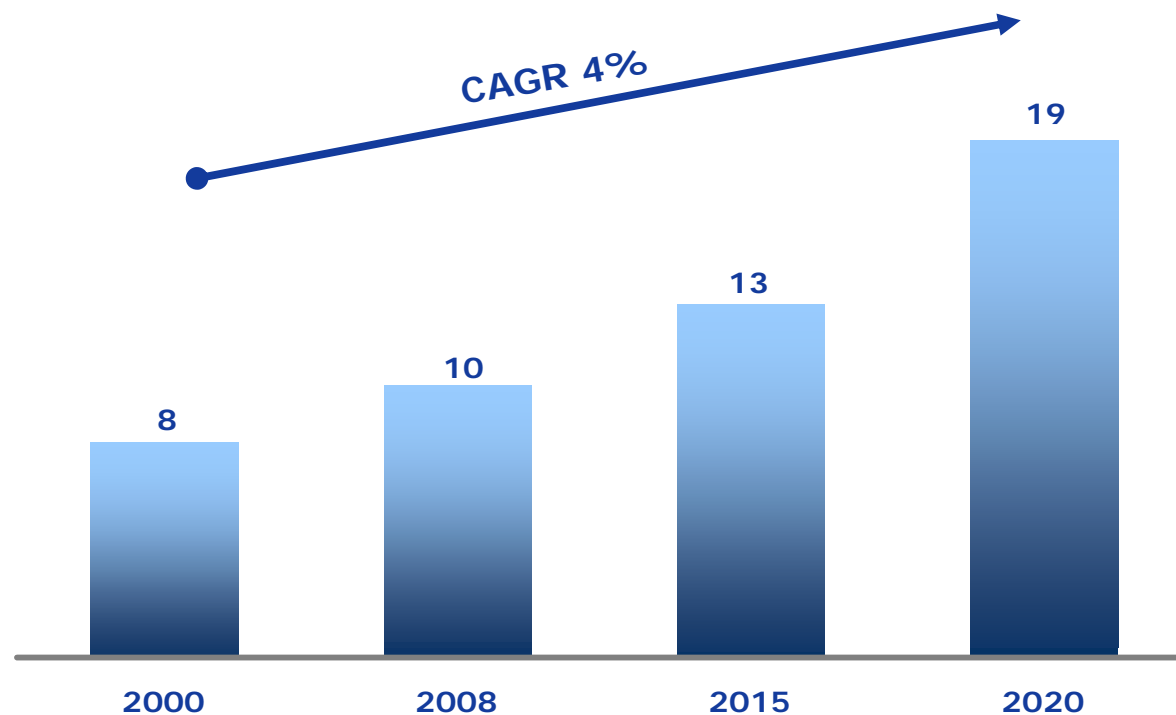
Toni Volpe



Rome, April 22, 2009

Worldwide installed capacity

GW



**Slow but constant growth due to
scattered resources and long development time**

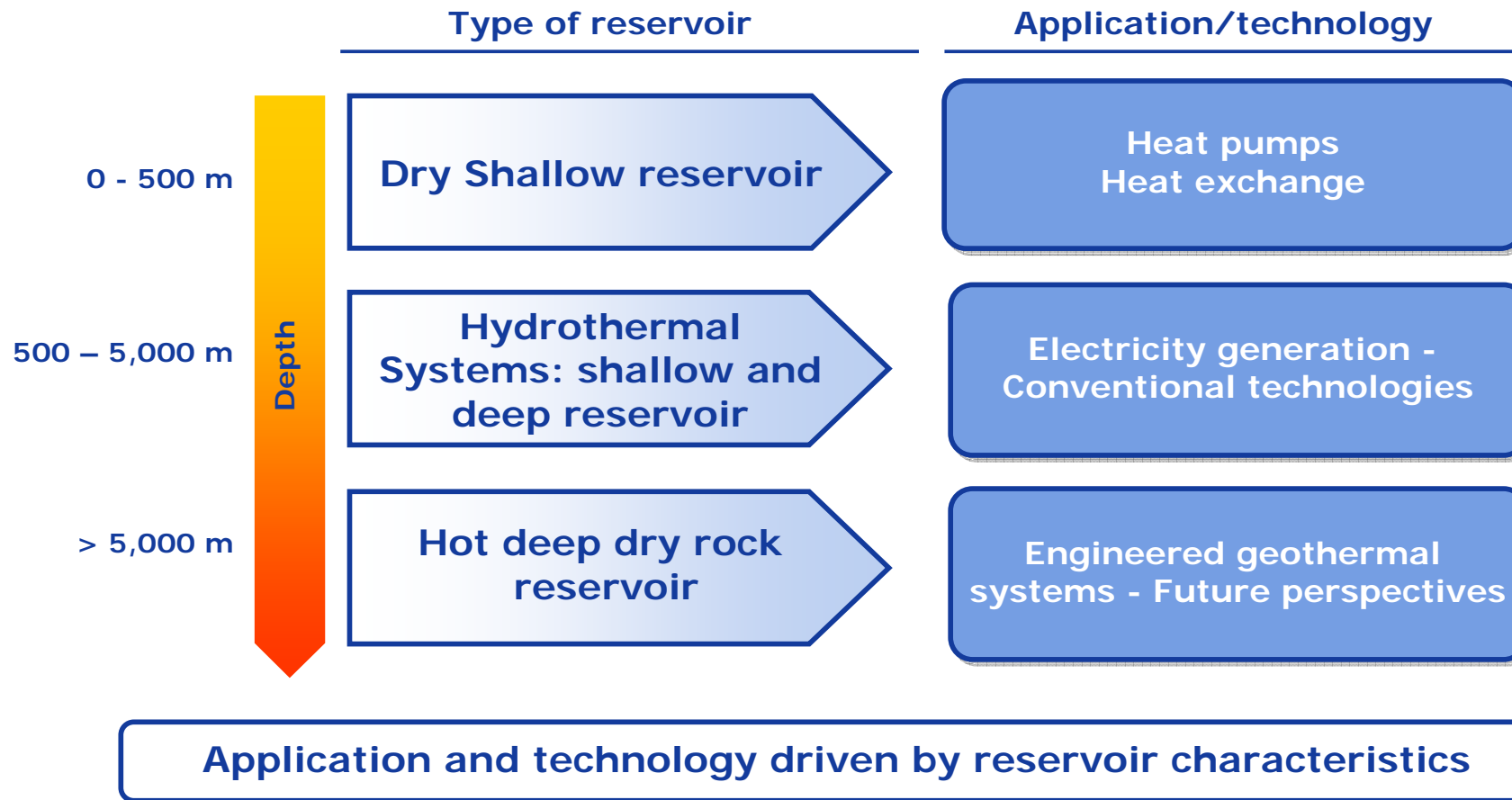
Resource availability

Geothermal

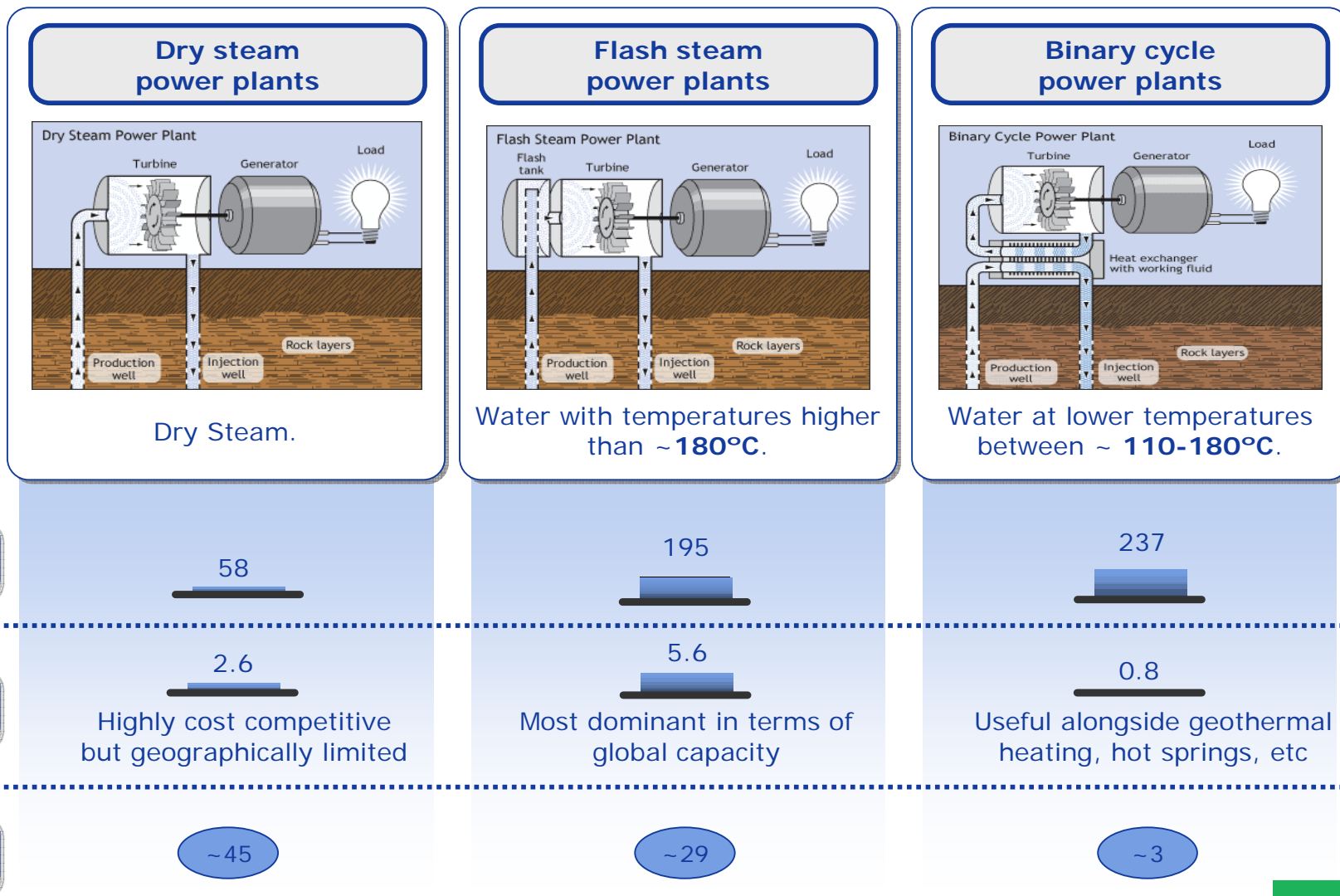


● Geothermal activity

Geothermal systems

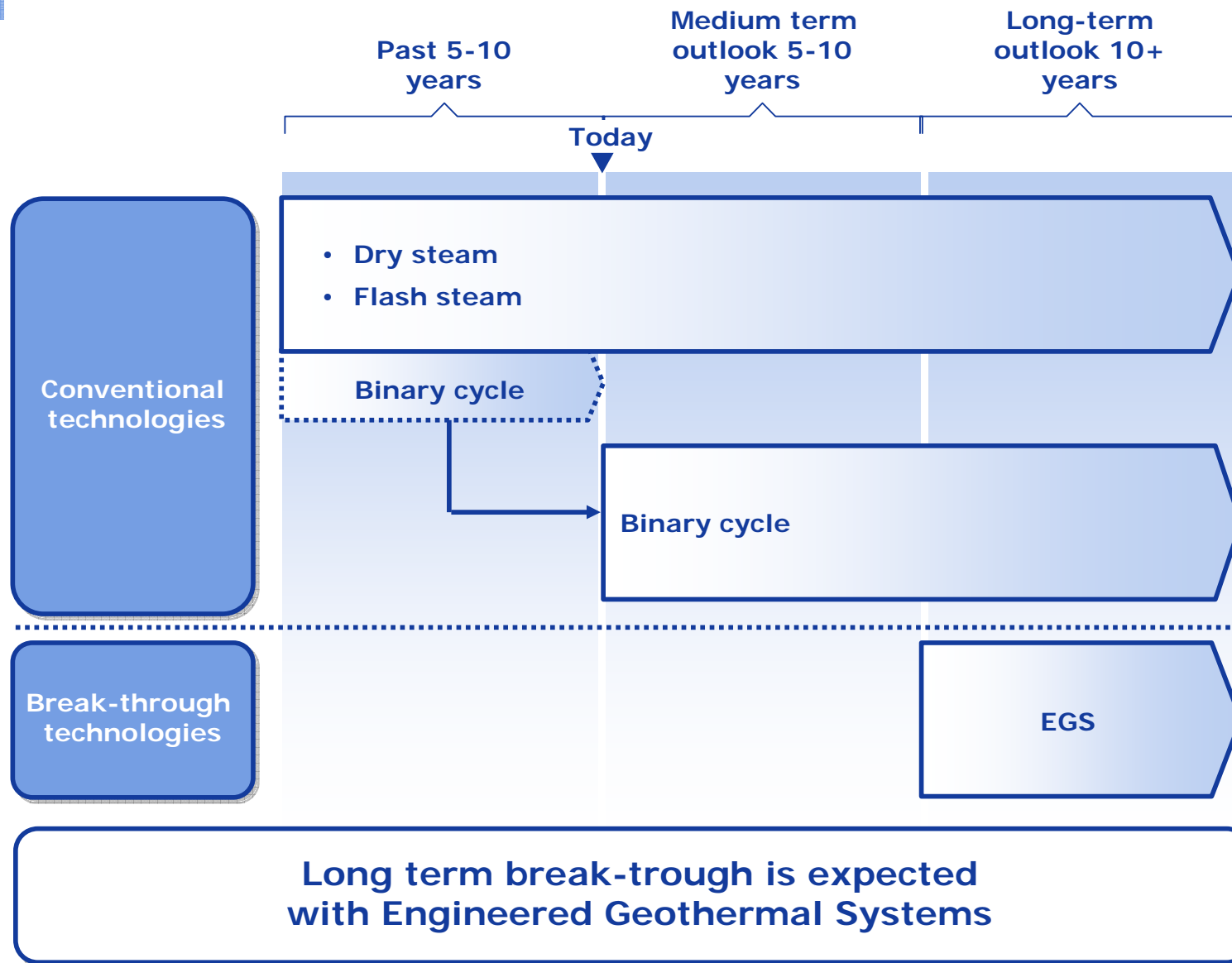


Conventional technologies

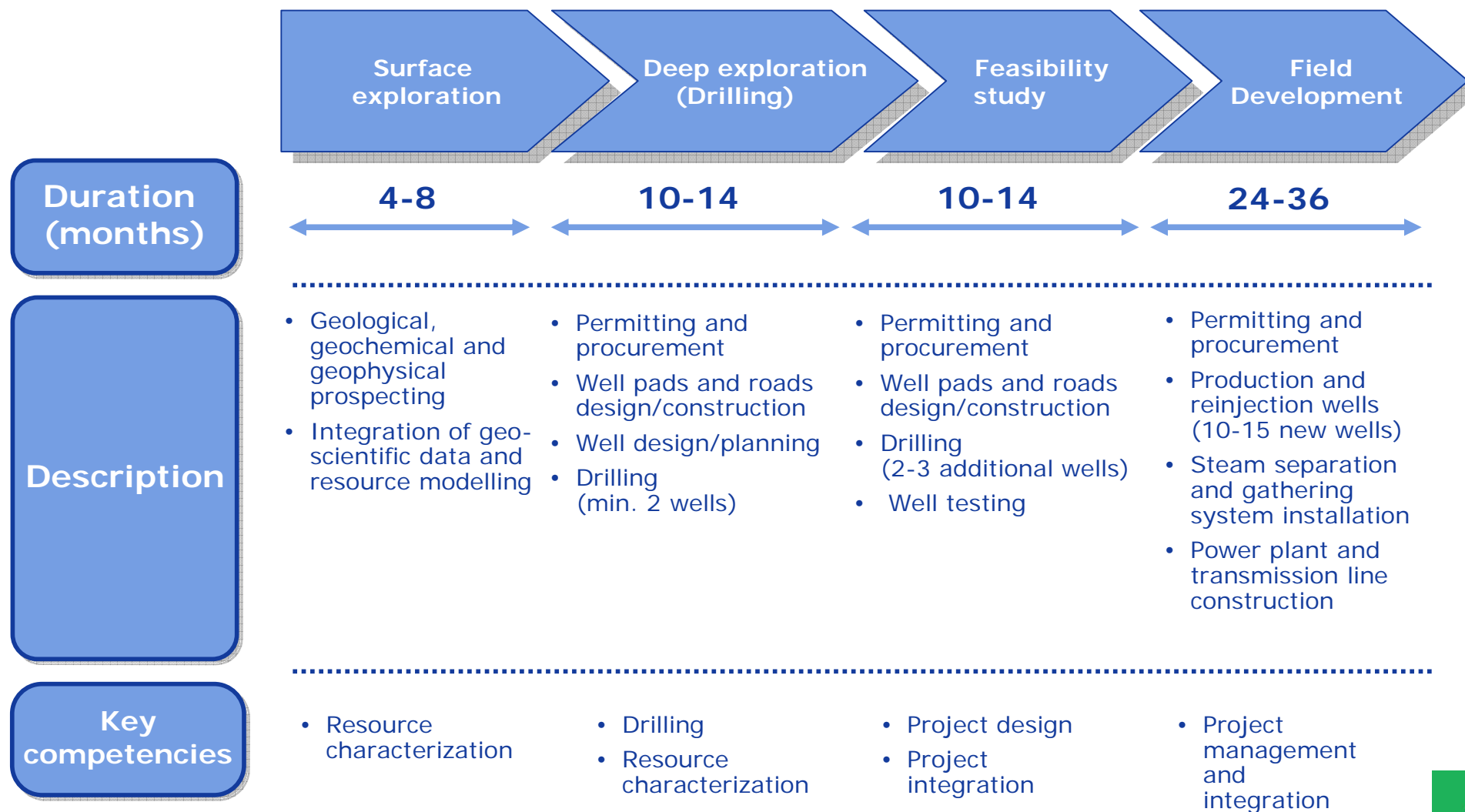


Global Installed capacity 2008

Technological evolution

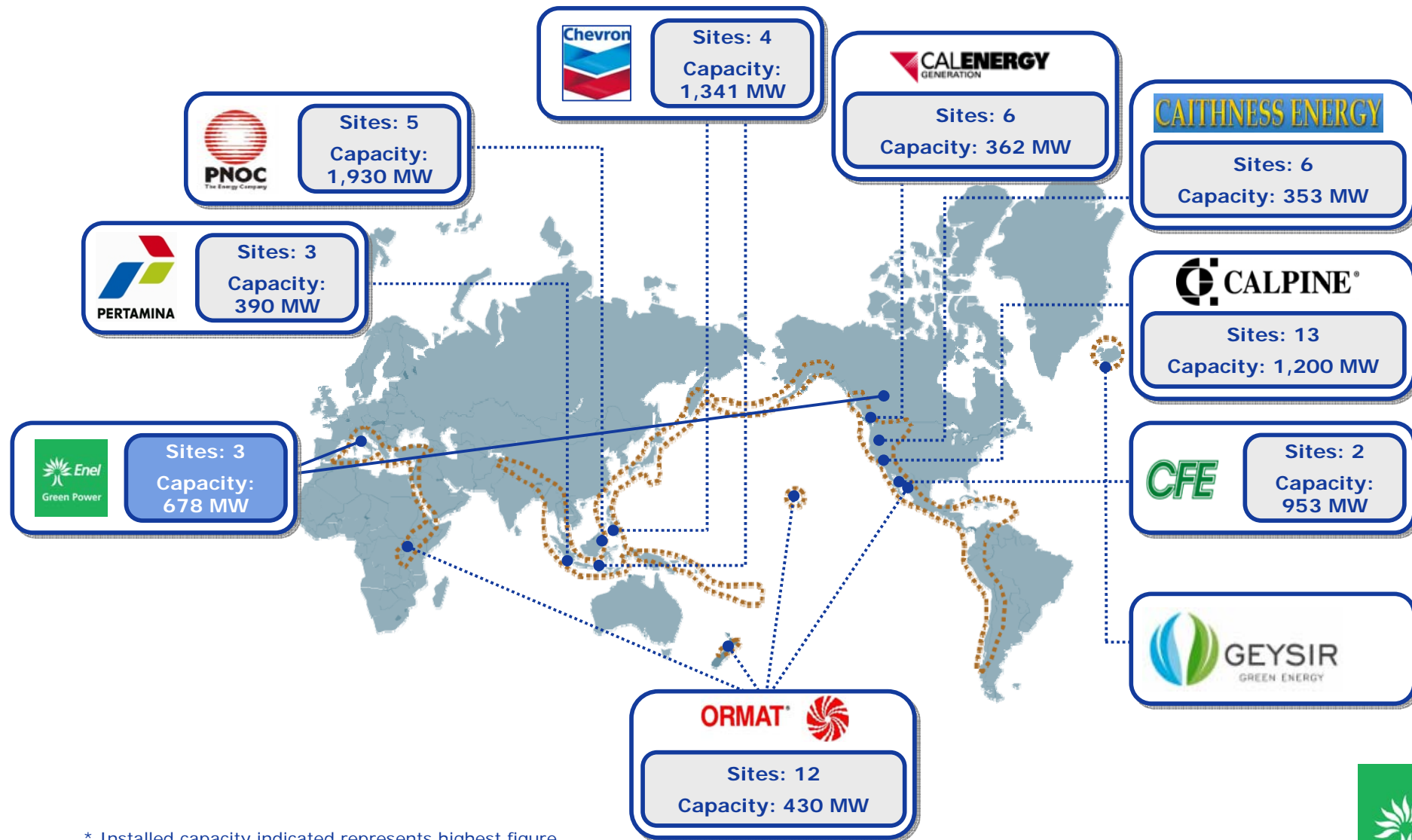


Typical development process



The industry is mostly local, with only a few players operating supra-regionally

Installed capacity* - 2008, GW



* Installed capacity indicated represents highest figure between field and plant capacity

Source: Company Web sites, press releases, team analysis

Value chain

Leading operators in terms of installed capacity

Corporate activity
Within top players



Enel Green Power



Geysir (Iceland)



Ormat (Israel/U.S.)



PNOC EDC (Philippines)



CFE (Mexico)



Pertamina (Indonesia)



Caithness Energy (U.S.)



Calpine (U.S.)



CalEnergy (U.S.)



The industry is highly fragmented along the value chain

Typical project economics for a new entrant

Example Italy

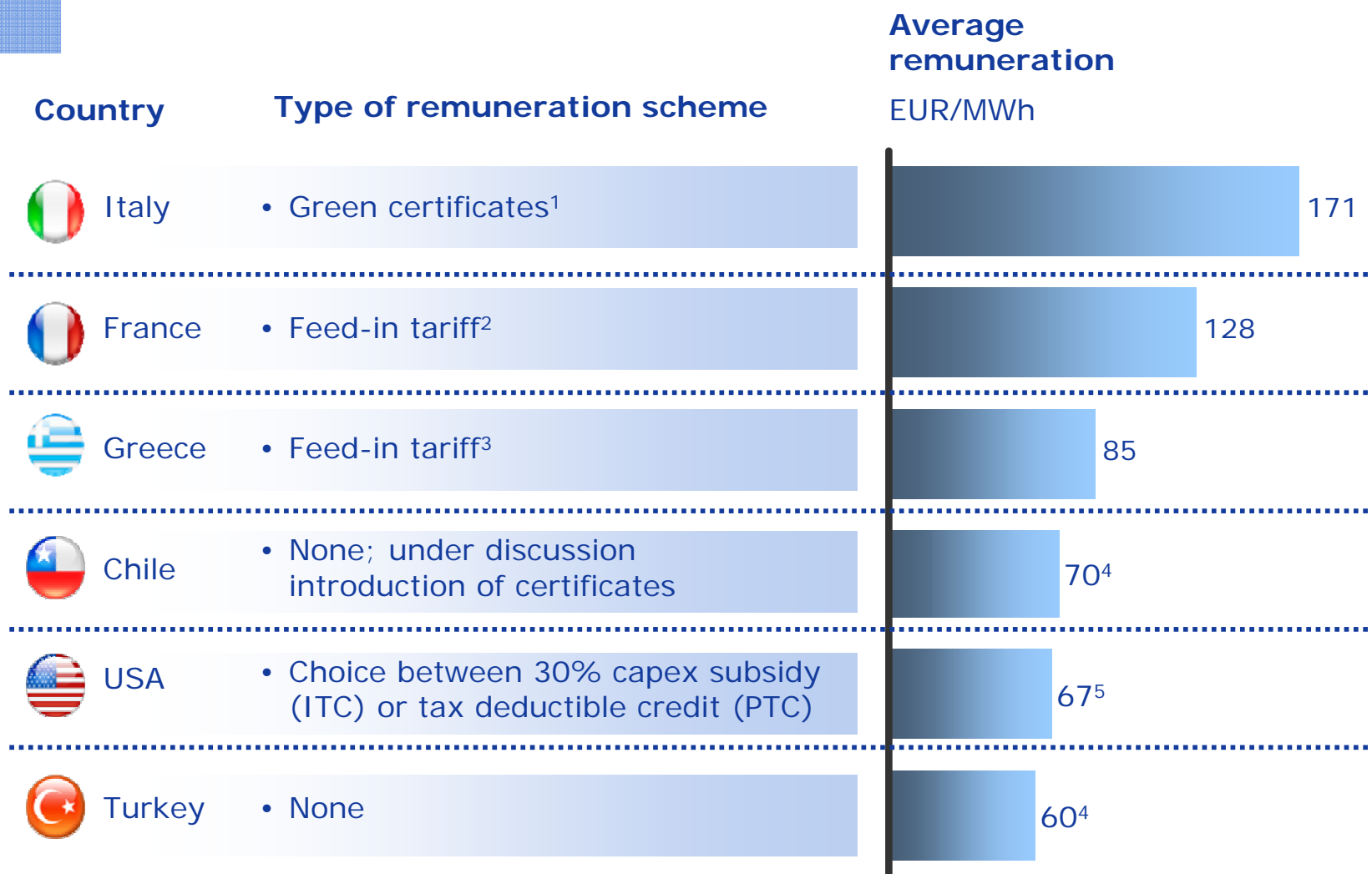
Key drivers

Drivers		Values	
		2008	2020
Investment	• CapEx ¹	• EUR 4.00 million/MW	• EUR 3.50 million/MW
	• OpEx	• EUR 50,000/ MW	• EUR 45,000/ MW
Operating	• Load factor	• 8,000 hours	• 8,200 hours ²
	• Useful life	• 30 years	• 30 years

(1) Highly variable and subject to site characteristics

(2) At same natural conditions, higher load factor achieved thanks to improved plant operations from better plant components (e.g., separator)

Remuneration scheme by country



(1) Assuming 0.9 green certificates (in addition to wholesale price)

(2) In addition, accelerated depreciation allowed

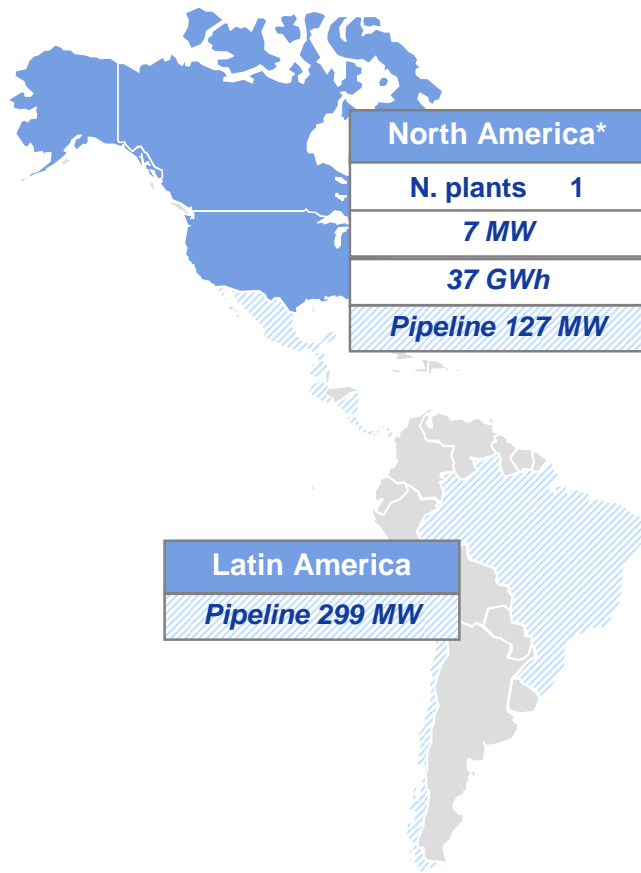
(3) In addition, 30% CapEx subsidy awarded

(4) Wholesale price

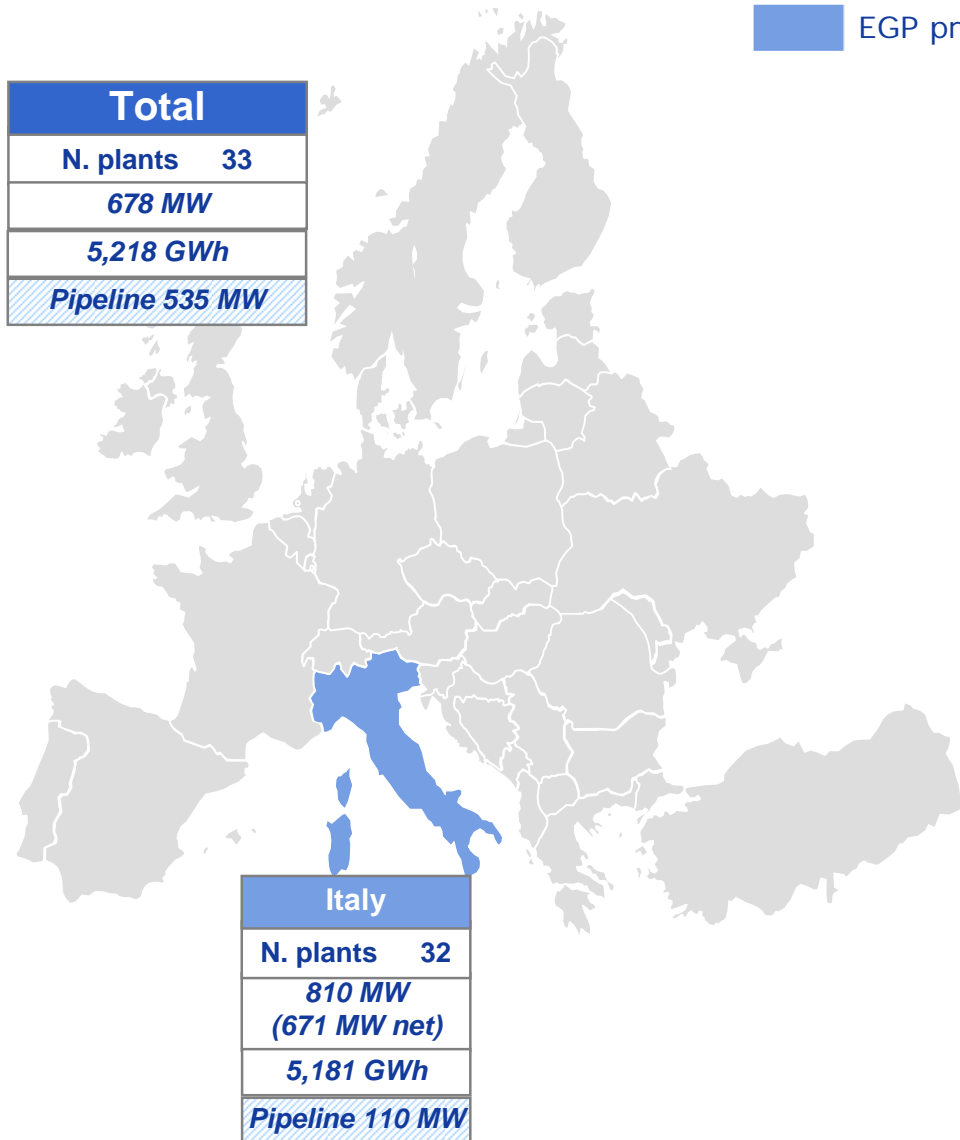
(5) Assuming wholesale price of 50 EUR/MWh + tax deductible credit equivalent to 17 EUR/MWh

Enel Green Power installed base and pipeline 2008

EGP presence



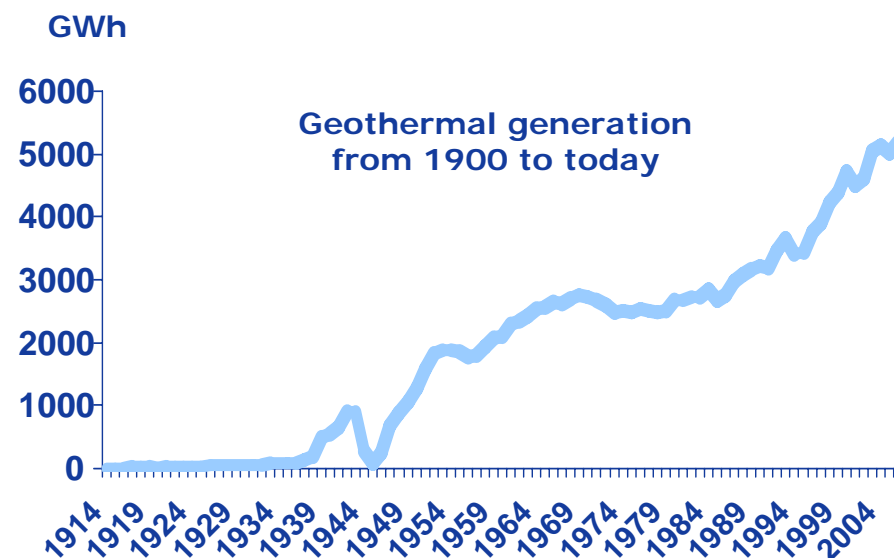
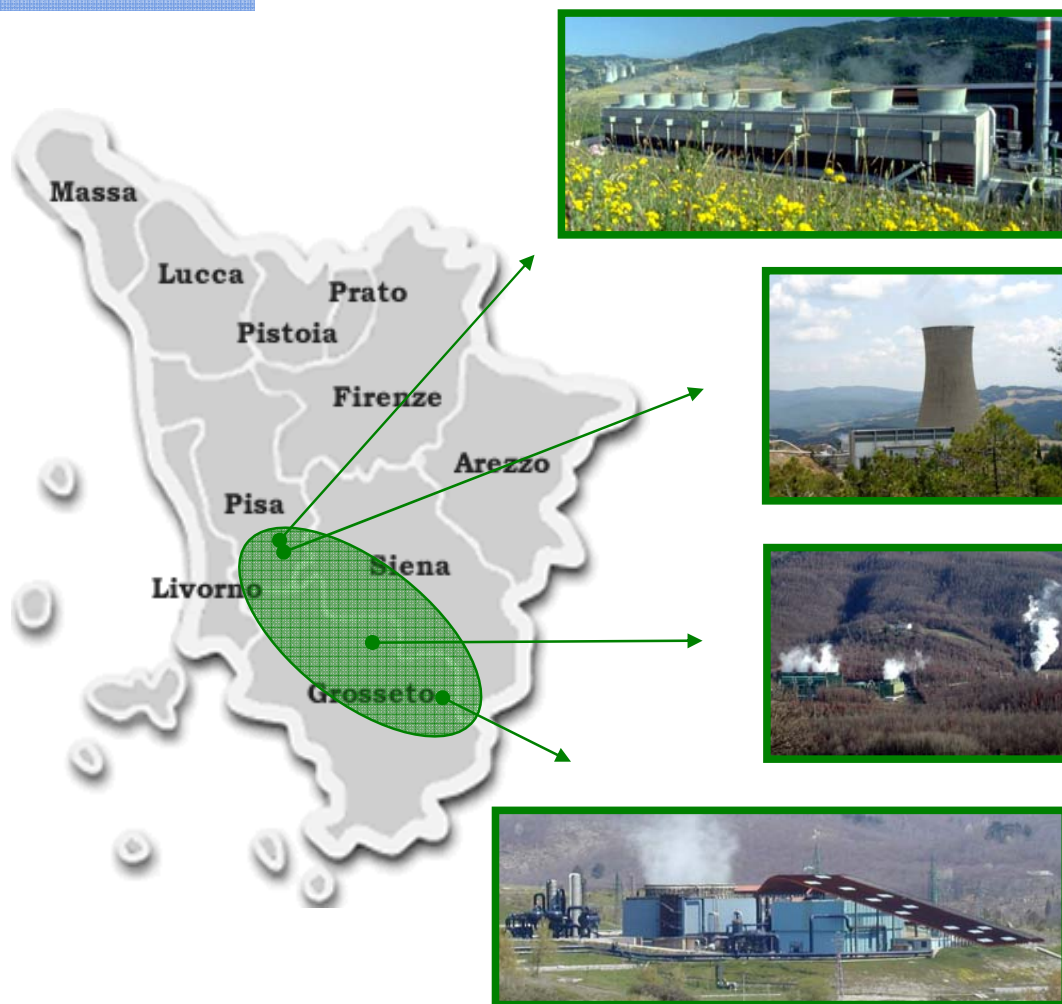
Total	
N. plants	33
	678 MW
	5,218 GWh
	<i>Pipeline 535 MW</i>



* As of 15/04/2009, an additional 65 MW of gross geothermal capacity have become operational

Focus on Italy geo plants

Enel Green Power Key competencies

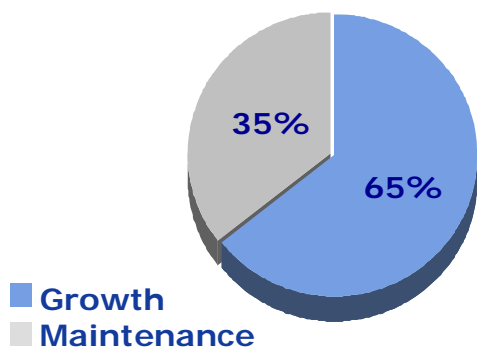


Continuous growth of production for over 100 years
thanks to our field cultivation expertise

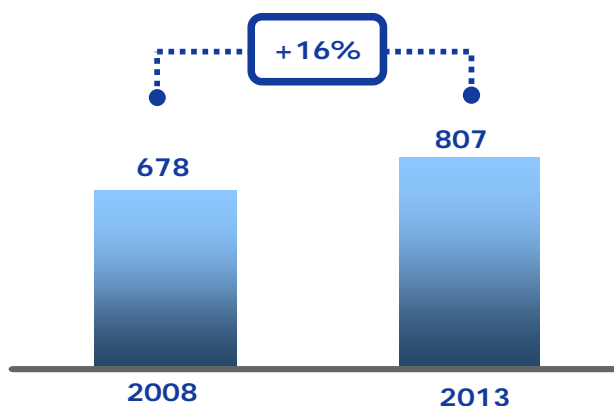
Enel Green Power's strategy on geothermal

- Leverage our unique competencies
- Selectively develop capacity in North America and Latin America

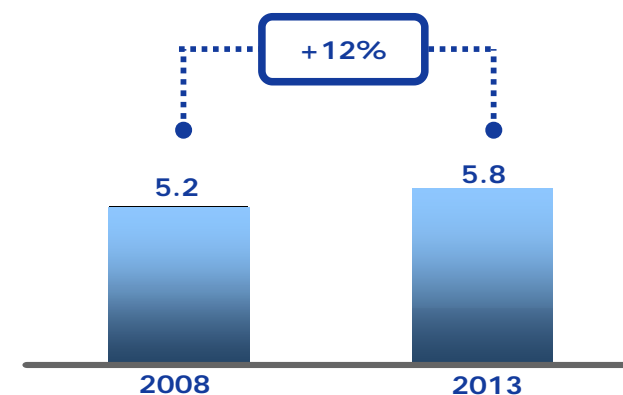
CapEx (m€)
Total 09-13 = 652 m€



Installed capacity (MW)



Energy production (TWh)



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Hydroelectric power

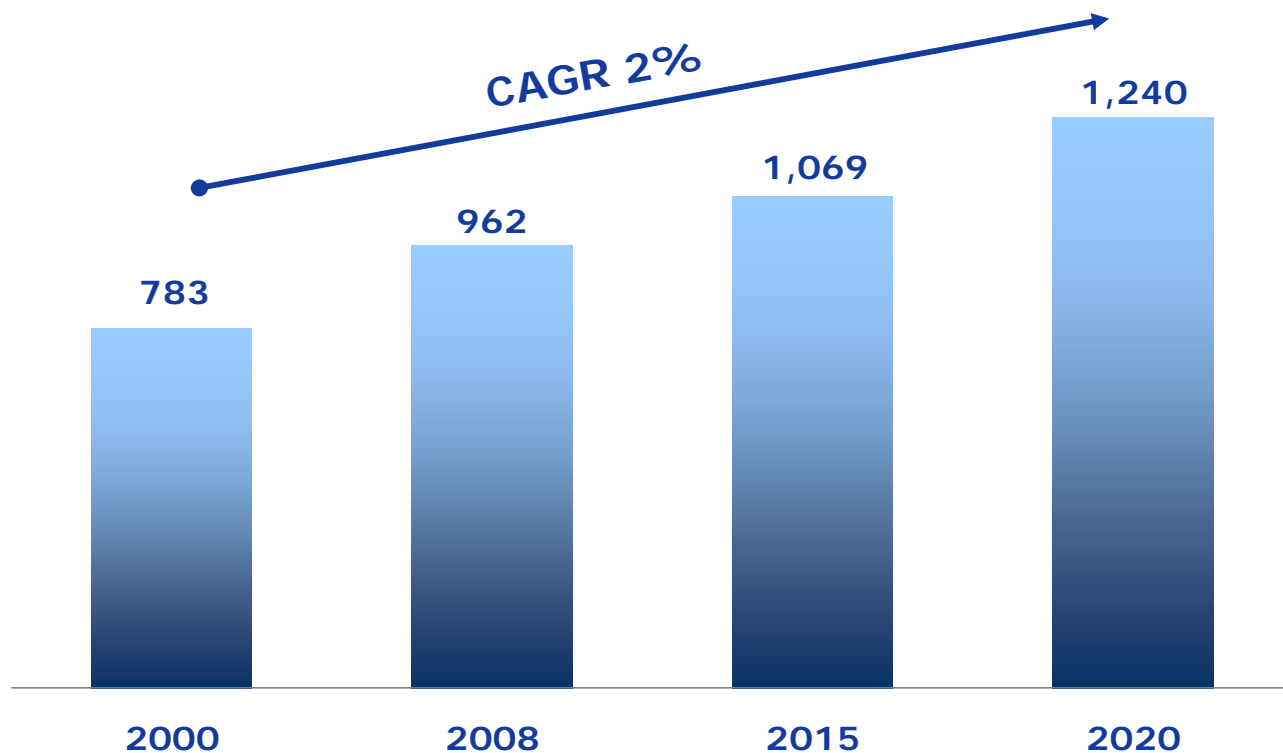
Vittorio Vagliasindi



Rome, April 22, 2009

Worldwide installed capacity

GW

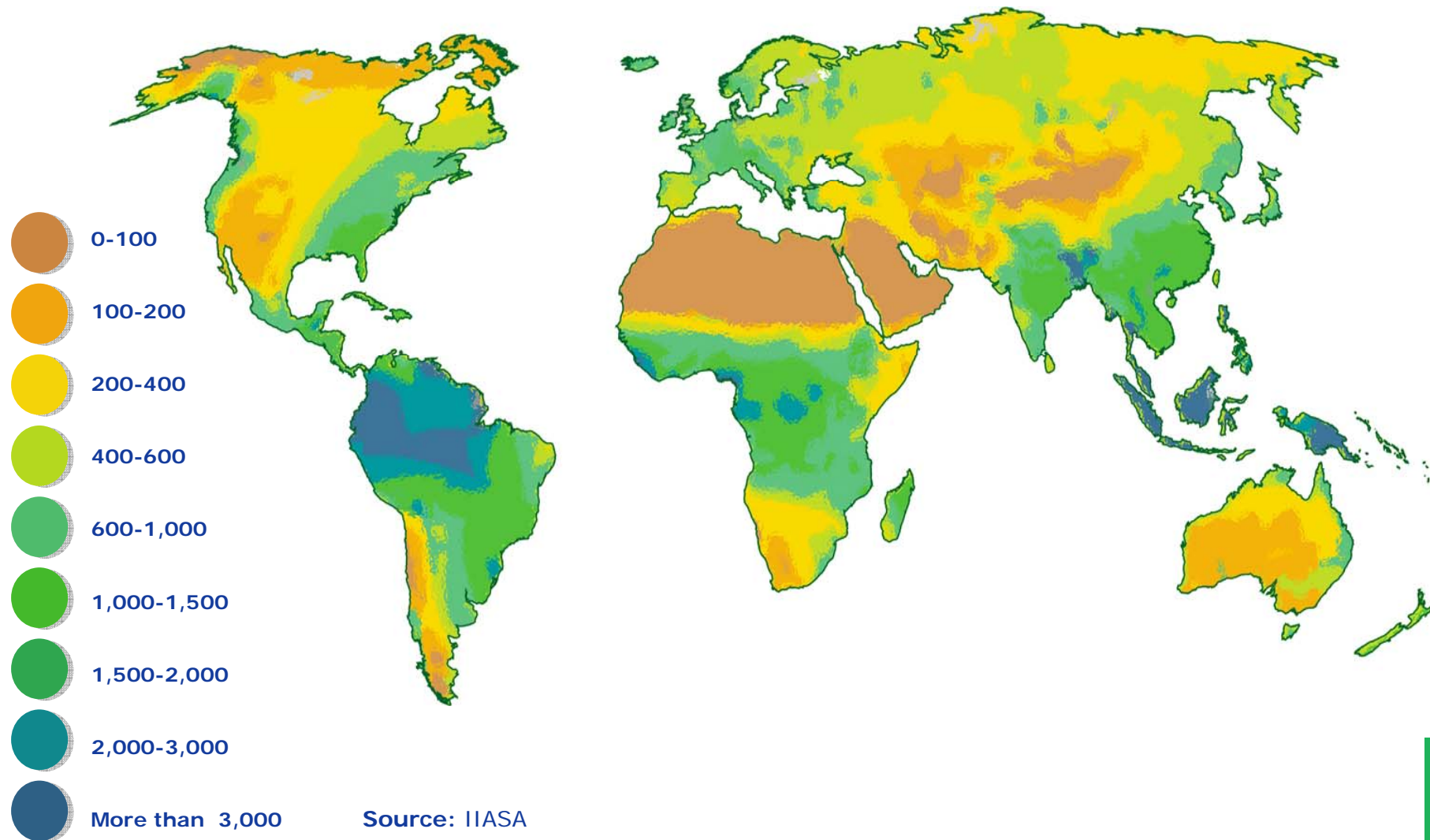


The most important “traditional” renewable energy

Source: REN21, UDI database; McKinsey; Enel analysis on WEO 2008, industry reports.

Resources availability

Average Annual Precipitation (Millimeters)

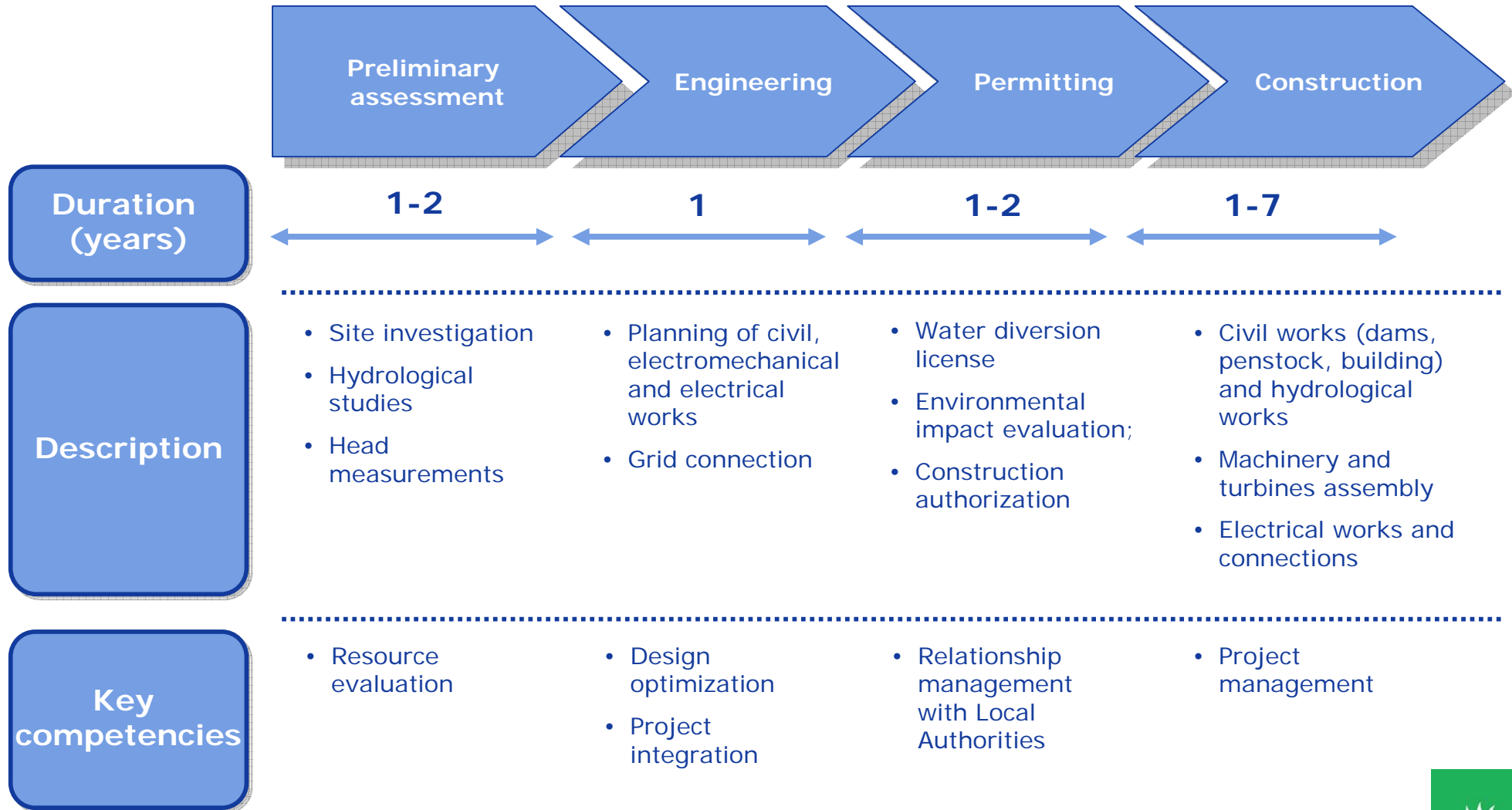


Hydropower technology can be classified according to usage and water head

Enel Green Power technologies

		Water usage	
		Reservoir	Run of river
Head of water	High head 15-1,000 m	<ul style="list-style-type: none">• Power plants with high capacity and flexible production	<ul style="list-style-type: none">• Medium/small plants, with production linked to water flow availability
	Low head <15 m	<ul style="list-style-type: none">• Medium/small hydropower plants with big usage of water flow	<ul style="list-style-type: none">• Medium/small plants with production limited to water flow availability

Typical development process



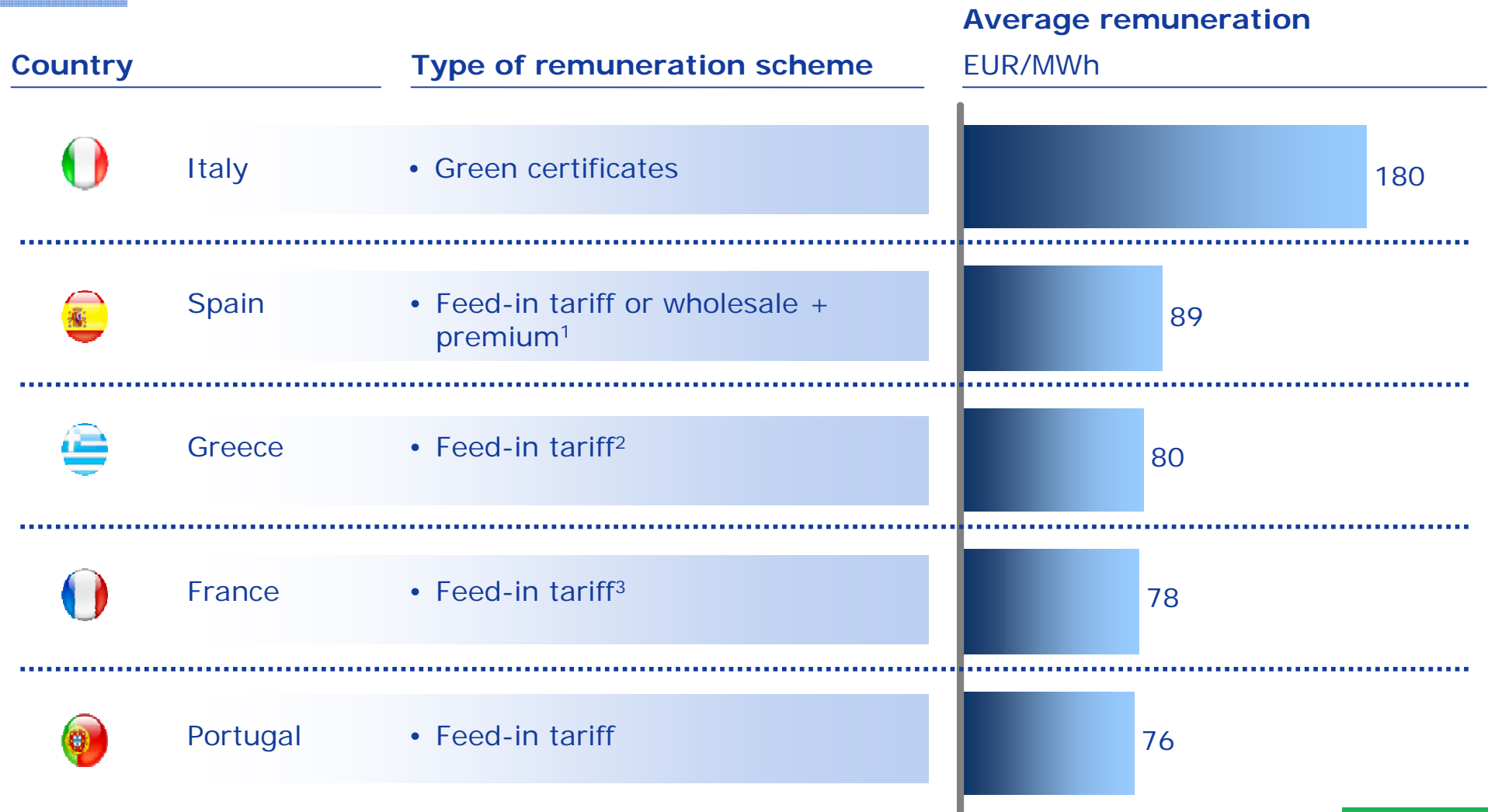
Typical project economics for a new entrant

Example Italy

Key drivers

Drivers		Values	
		2008	2020
Investment	• CapEx	• EUR 2.20 million/MW	• EUR 2.20 million/MW
	• OpEx	• EUR 28,000/MW	• EUR 25,000/MW
<hr/>			
Operating	• Load factor	• 3,500 hours	• 3,500 hours
	• Useful life	• 30 years	• 30 years

Remuneration scheme by country

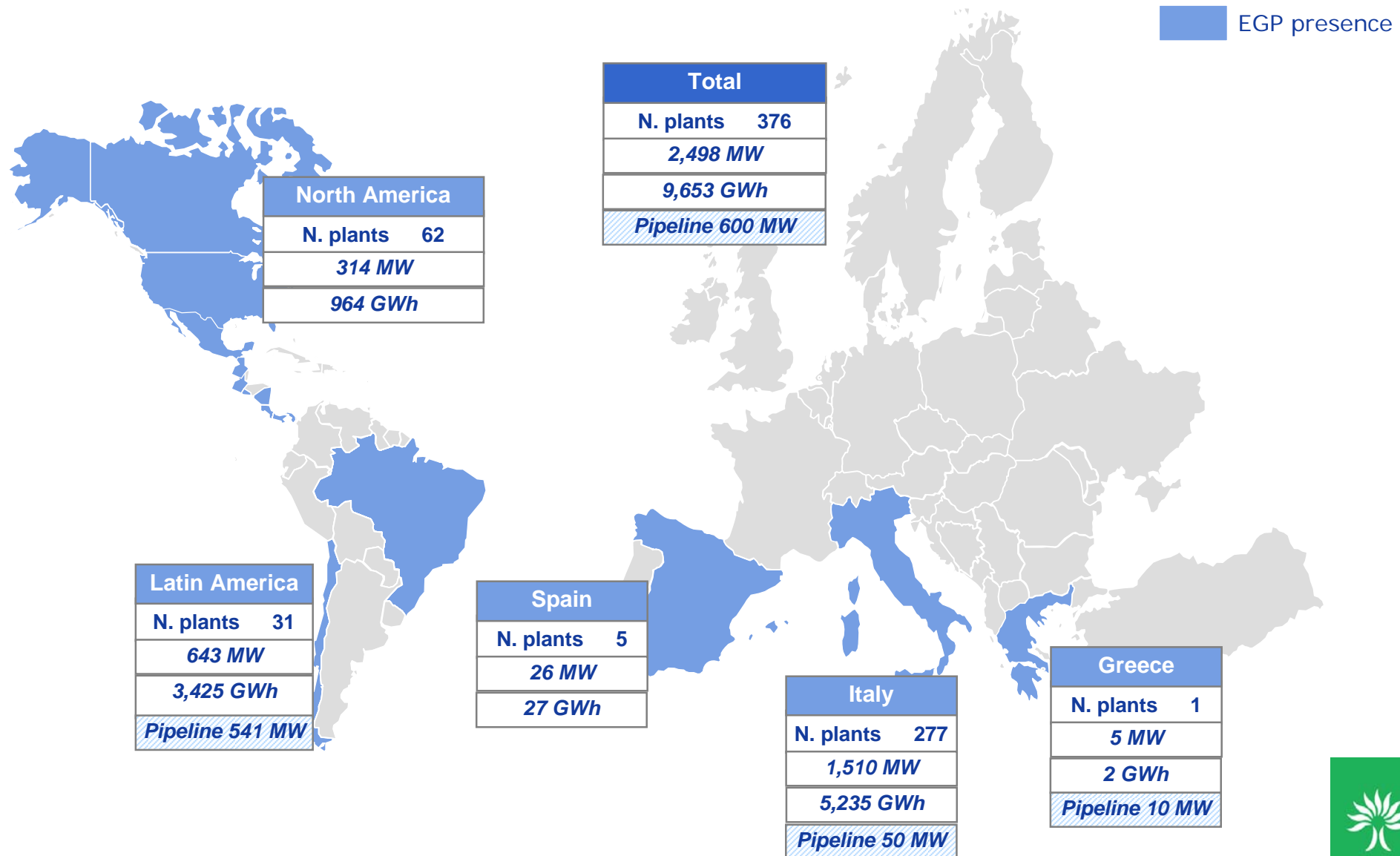


(1) Operator can choose preferred remuneration scheme. A cap is defined by the regulation

(2) In addition, 30% CapEx subsidy awarded

(3) In addition, accelerated depreciation allowed

Enel Green Power installed base and pipeline 2008



* Endesa hydro assets (221 MW) and hydro pipeline (0.6 GW) not included

Focus on Italy hydroelectric power plants

Domodossola Business Unit

70 Plants
493 MW
1,971 GWh



Napoli Business Unit

83 Plants
430 MW
1,631 GWh

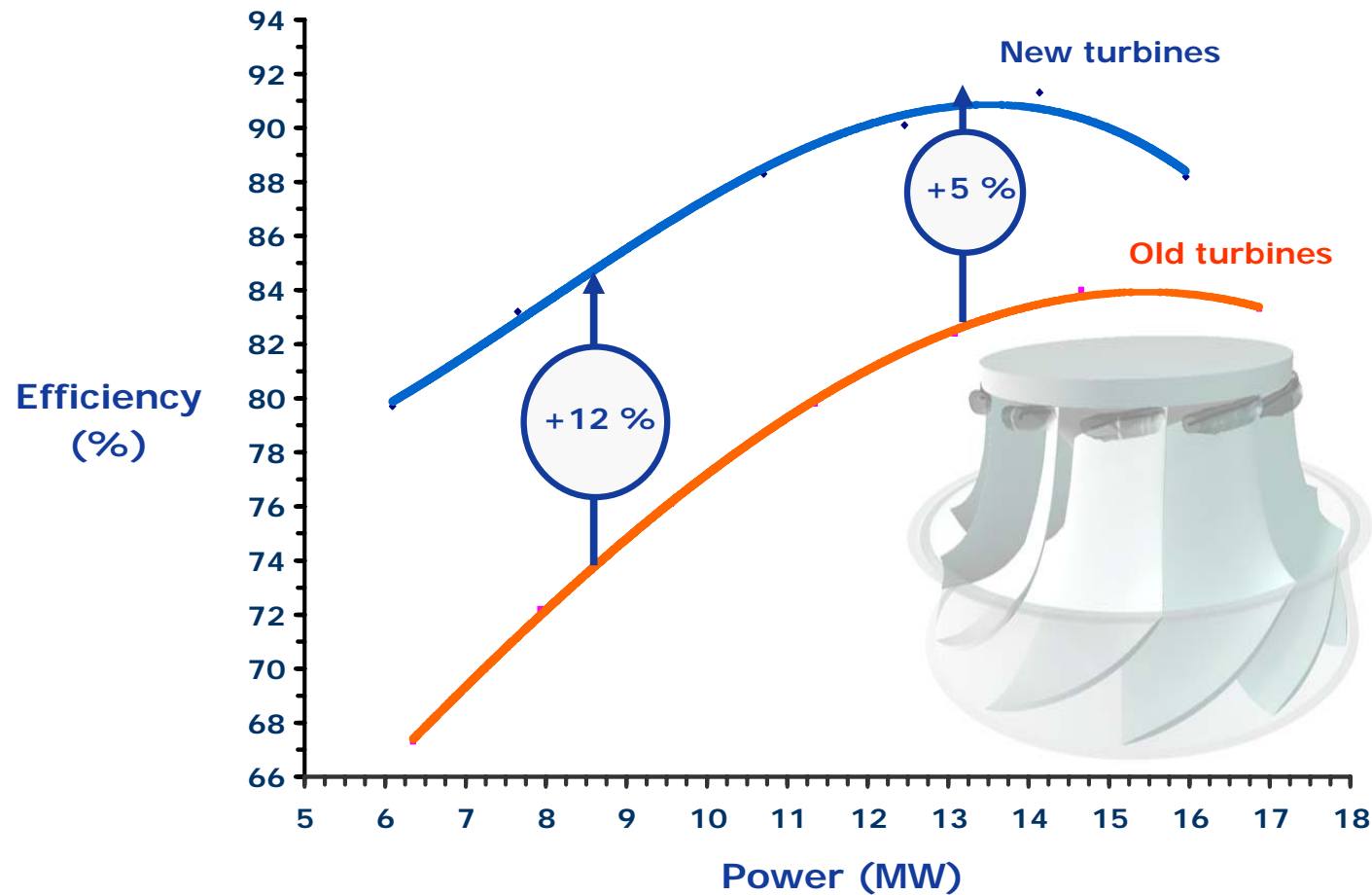


Bergamo Business Unit

124 Plants
587 MW
2,943 GWh



Italy: re-powering of hydroelectric plants

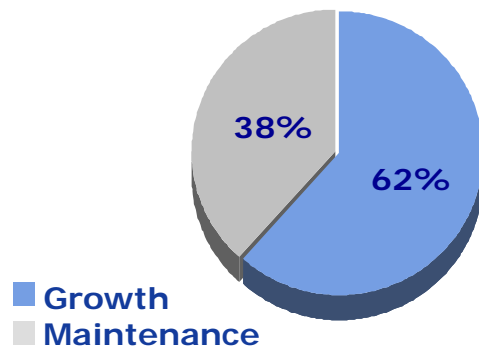


More energy with same water

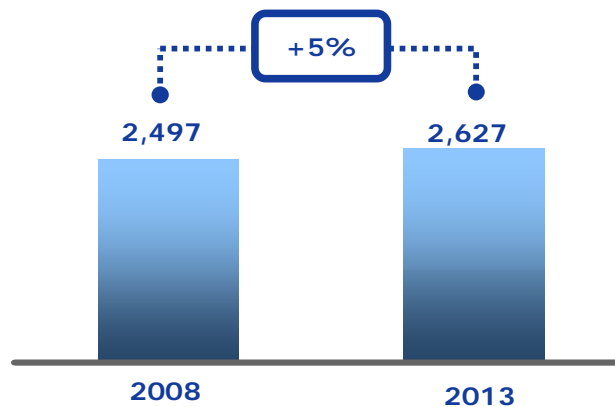
Enel Green Power's strategy on hydroelectric

- Leverage EGP's unique long-standing competencies
- Selectively develop capacity in North America and Latin America

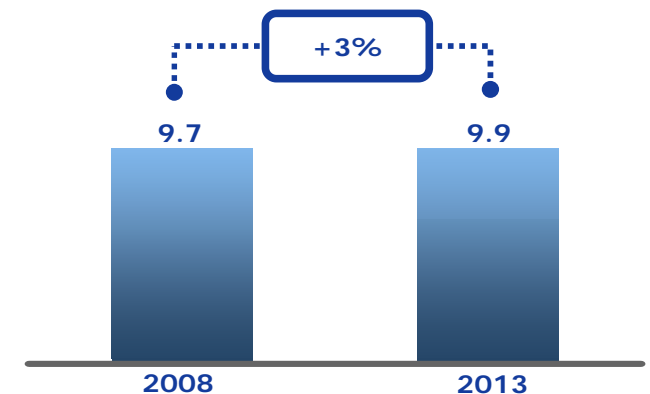
CapEx (m€)
Total 09-13 = 520 m€



Installed capacity (MW)



Energy production (TWh)



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- Coffee break
- Focus on technologies:
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- Conclusions F. Starace
- Lunch (Q&A)

Wind power

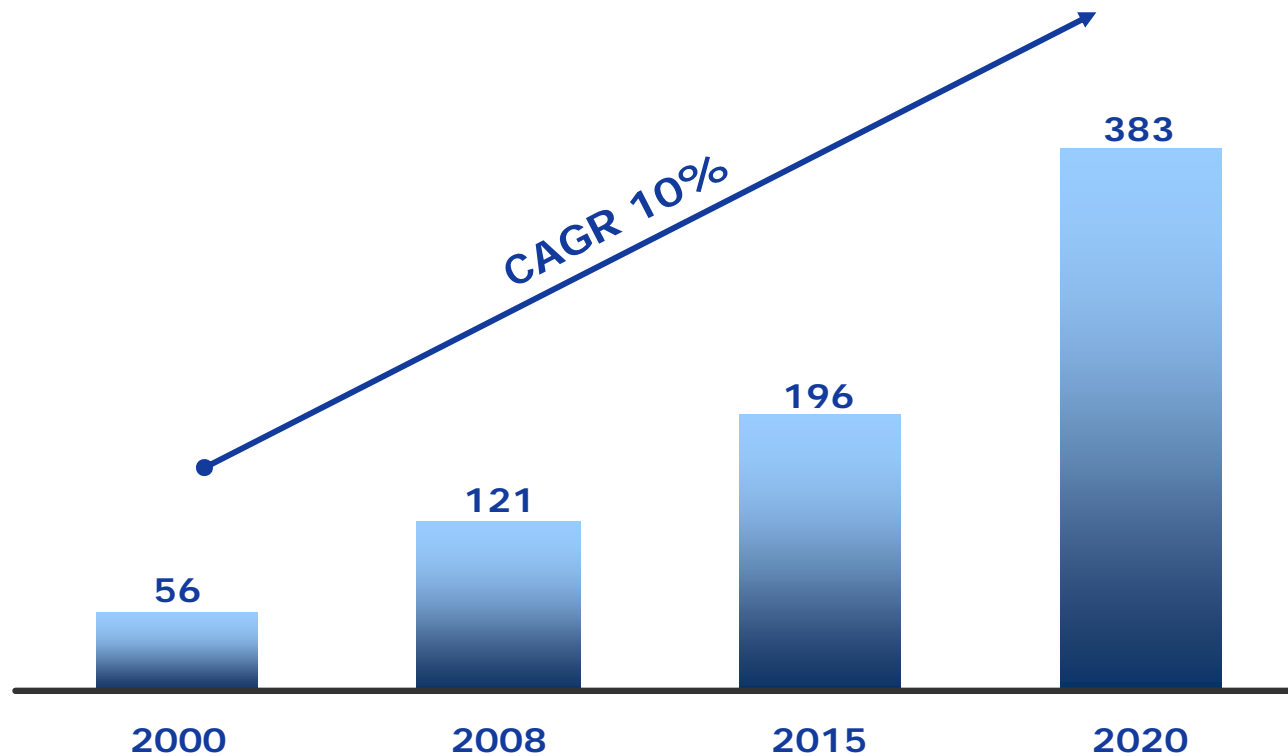
Maurizio Bezzeccheri



Rome, April 22, 2009

Worldwide installed capacity

GW

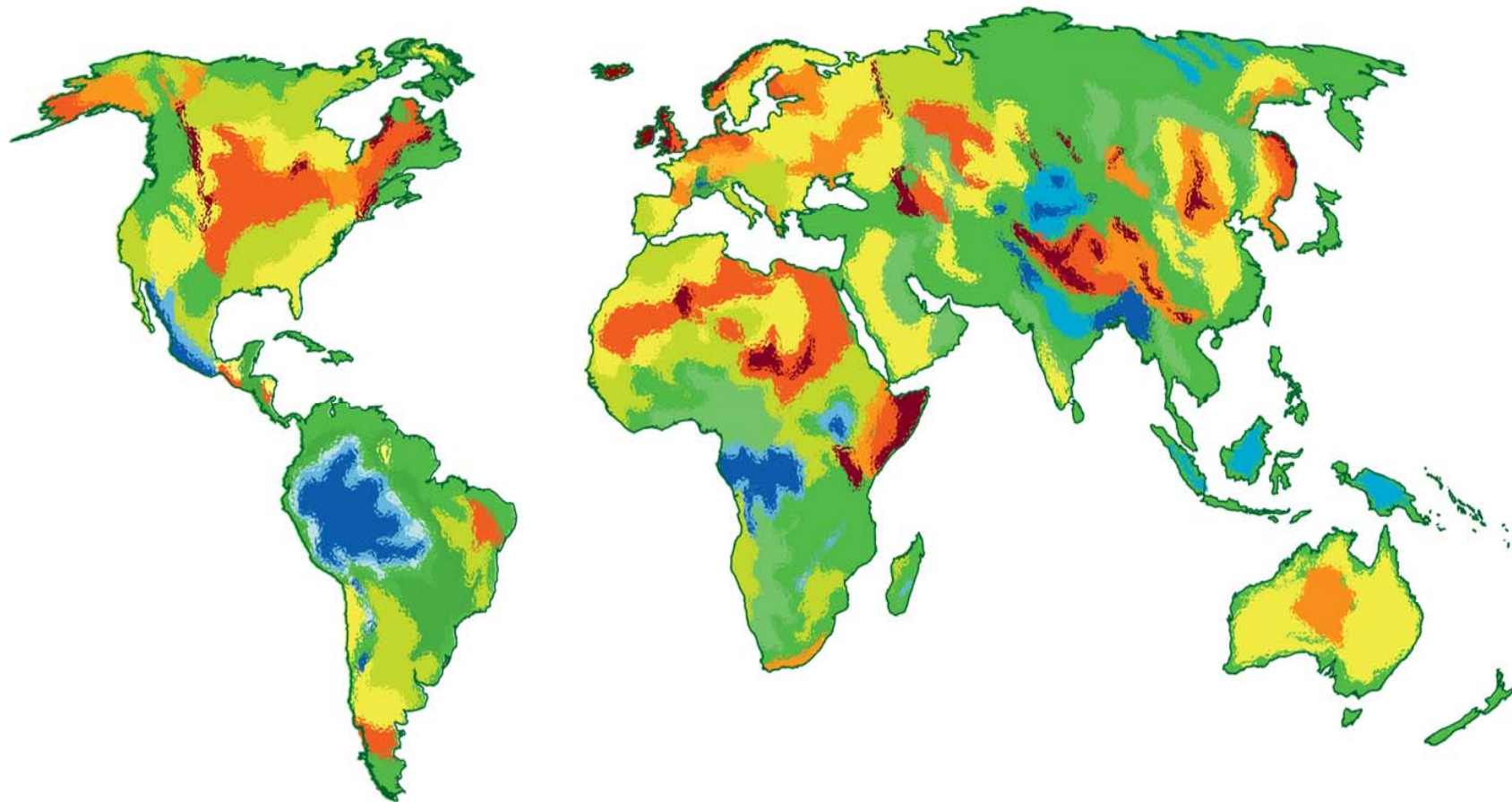


Very strong growth expected worldwide

Source: Enel analysis on WEO 2008, GWEC 2008, industry reports.

Resource availability

Wind (*Intensity*)



Wind speed over land



3



6



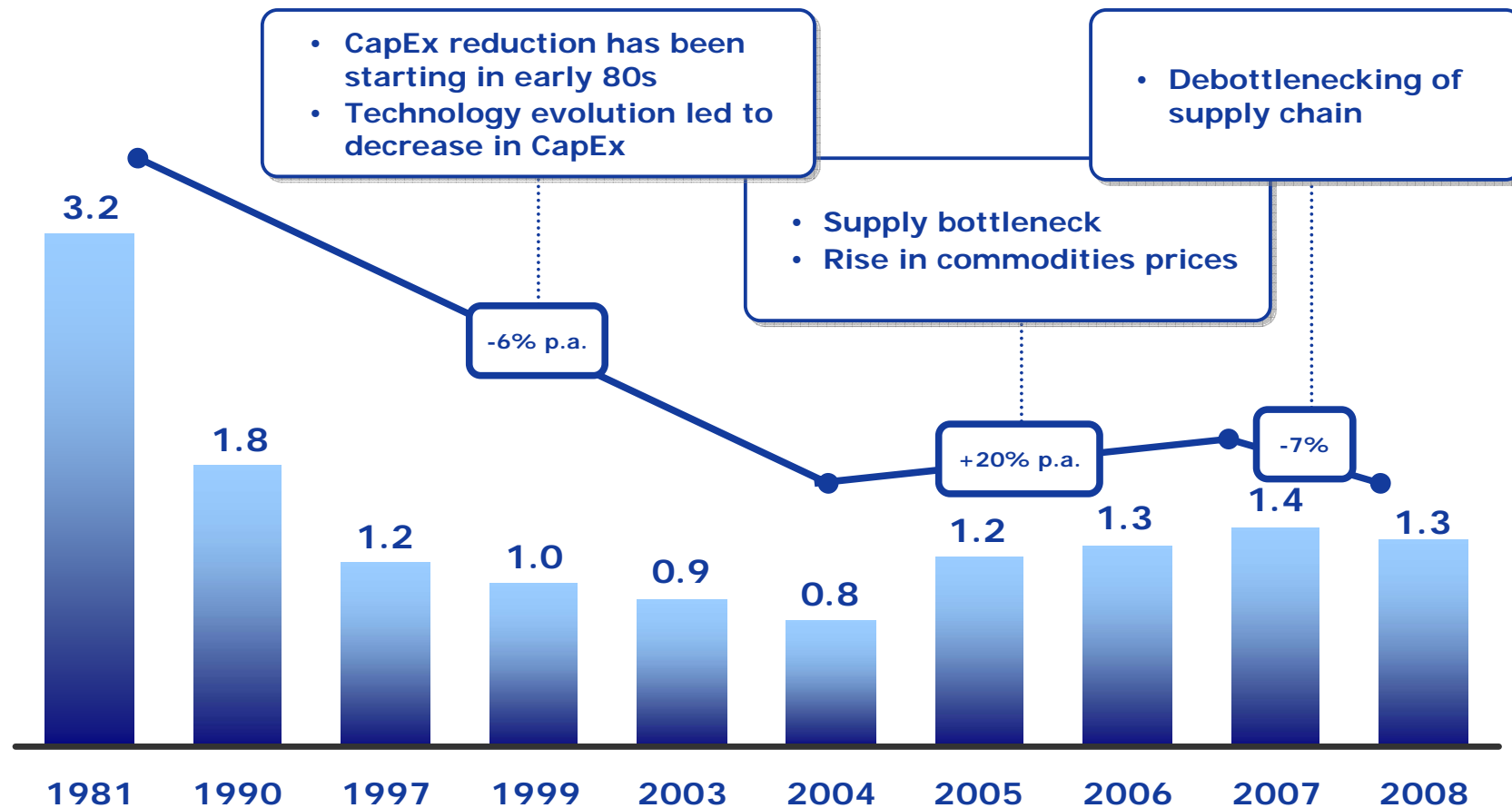
9 m/s



Green Power

Technology overview

Average turbine price*, m€/MW



Long-term technology evolution resulting
in improved wind economics

Value chain dynamics

Driving factors

Description

Stakeholder affected

Easing out of supply constraints

- New manufacturing capacity (key components)
- Internalization of components manufacturing by OEMs
- Better planning/ management along the value chain

- OEMs: reduced margins
- Operators: increased negotiation power, improved project economics

More difficult financing

- Decreased availability of attractive financing
- Difficulties in finding financial partners in countries with tax-based incentives (e.g. USA)

- Small developers: most projects are being postponed or monetized
- Large operators: interesting opportunities for pipeline acquisition

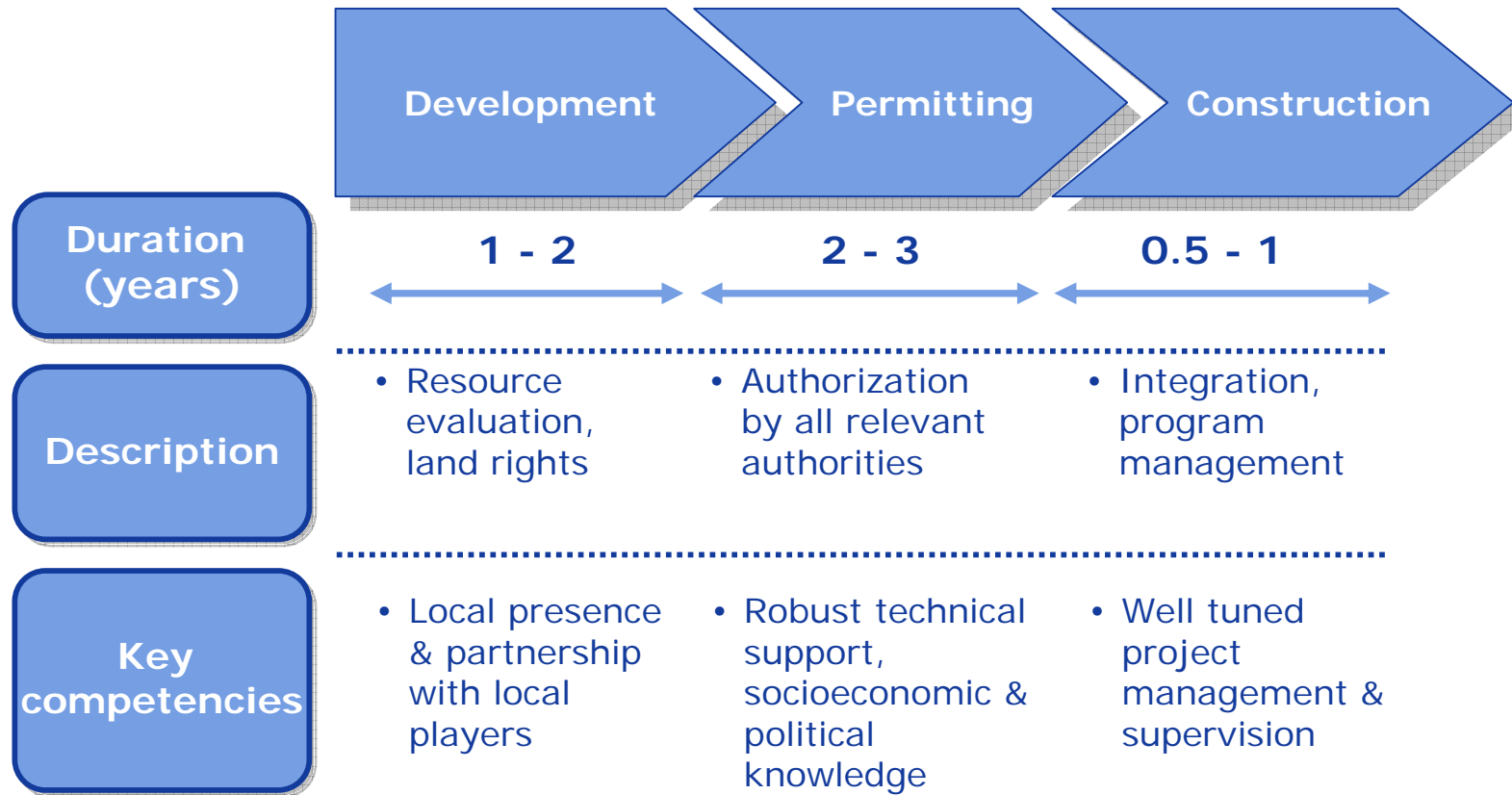
Learning effects in O&M

- Wind-farm operators are moving from contracted O&M to in-house O&M

- Industrial operators: value creation thorough excellence in O&M

“Power shift” along the value chain will benefit large, integrated operators

Typical development process



**Full lifecycle management of project
is key for success**

Future landscape

Key elements

Key evidence

Wholesale grid parity widely reached

- Wholesale grid parity already reached in some countries (e.g. Portugal, UK, Ireland)
- Wholesale grid parity reached in the very short-term (by 2012) in several other countries (e.g. Morocco, Spain)

New geographies emerging

- Europe expected to retain largest share of total installed capacity by 2020 (~40%), together with USA
- New geographies emerging thanks to significant growth rate (e.g. China, India and Brazil)

Repowering of old assets

- Growth in mature markets (e.g. Germany) driven by repowering of existing infrastructure

Typical project economics for a new entrant

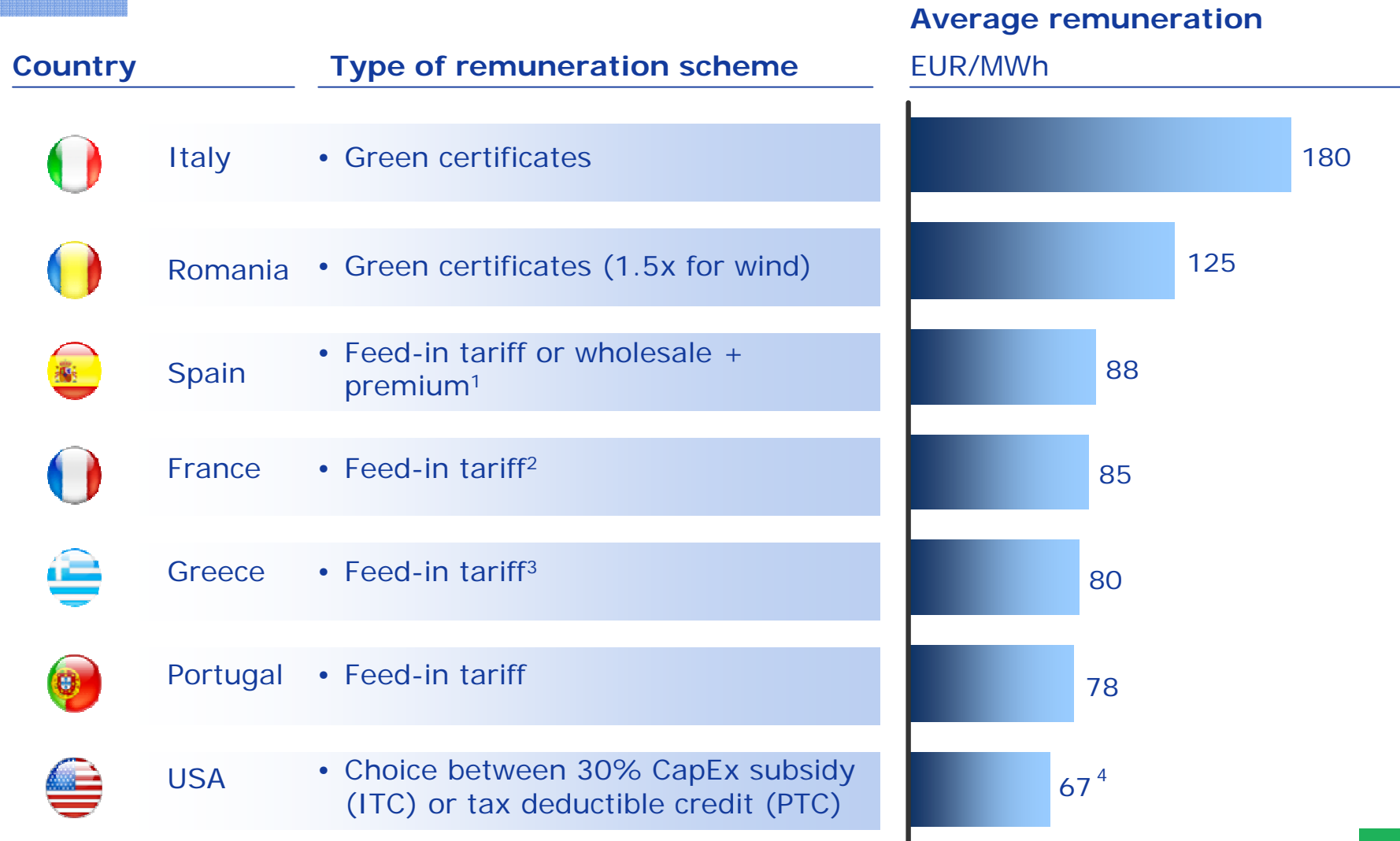
Example Italy

Key drivers

Drivers	Values	
	2008	2020
Investment	• CapEx	• EUR 1.60 million/MW • EUR 0.80 million/MW
	• OpEx	• EUR 30,600/MW • EUR 19,800/MW
.....		
Operating	• Load factor	• 2,000 hours • 2,480 hours ¹
	• Useful life	• 20 years • 20 years

(1) At same natural conditions, higher load factor achieved due to more efficient turbines

Remuneration scheme by country



(1) Operator can choose preferred remuneration scheme. A cap is defined by the regulation

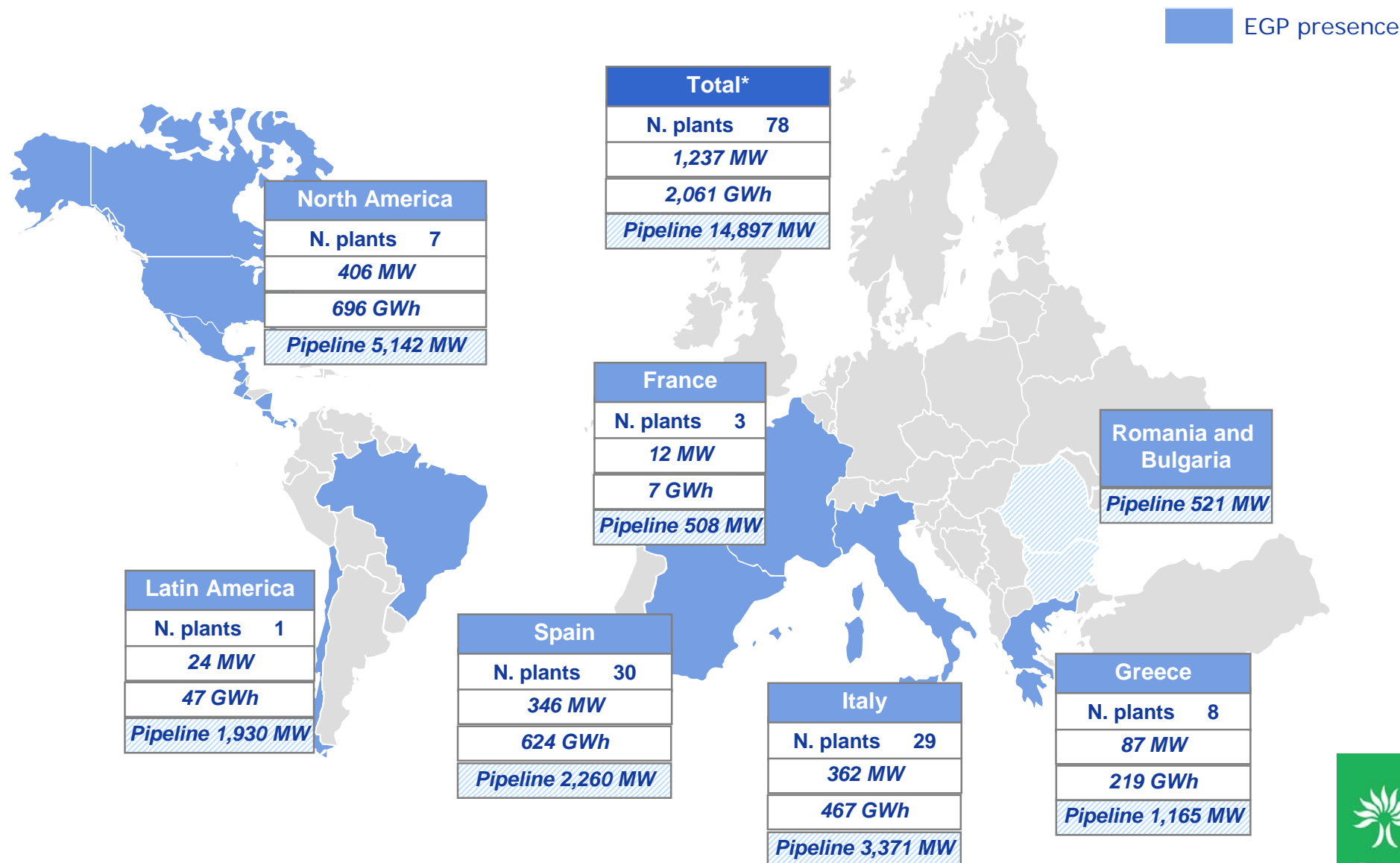
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(3) In addition, 30% CapEx subsidy awarded

(4) Assuming wholesale price of 50 EUR/MWh + tax deductible credit equivalent to 17 EUR/MWh

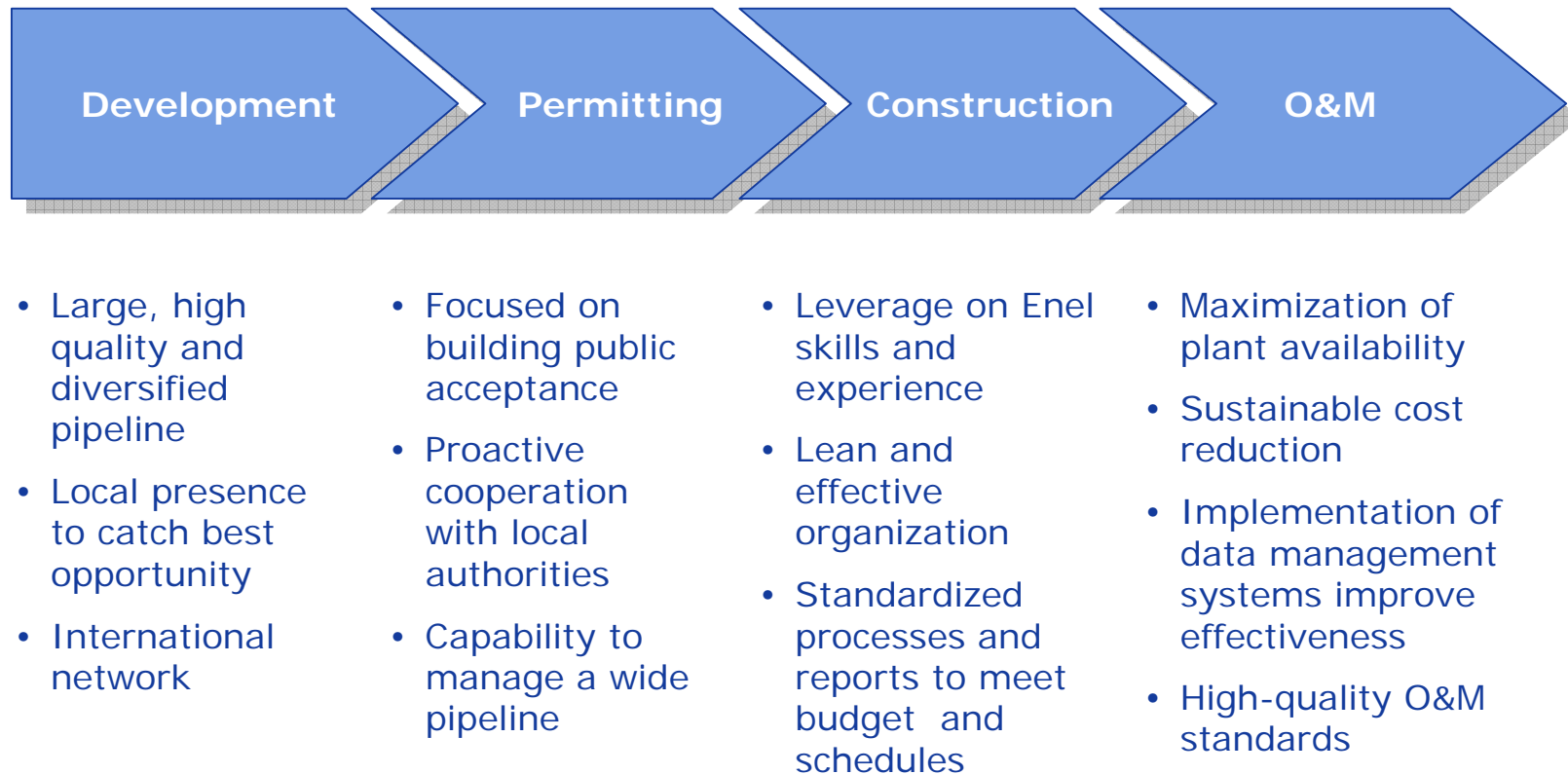
Enel Green Power installed base and pipeline

2008



* Endesa wind assets (731 MW) and wind pipeline (11.3 GW) not included

Enel Green Power positioning along the value chain



**Strongly positioned in O&M,
key to maximizing value of wind investments**

Centre of expertise to leverage on technological competencies

SCADA (Supervisory Control And Data Acquisition)

- Real time and historical data collection
- Supervision and telecontrol
- KPI tracking
- Fast response to grid events



TCP/IP METERING (GPRS modem)

- Hourly updated
- Reliability and fast communication.
- Improvement of short time forecasting models



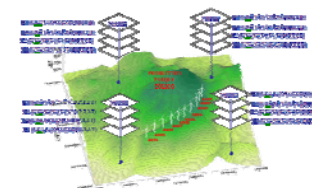
TCP/IP METERING (GPRS modem)

- Data exchanged with different Market/Transport Operators
- Systems upgraded to new standards
- Centralized database



TCP/IP METERING (GPRS modem)

- Meteorological models
- Short time real-data-based models

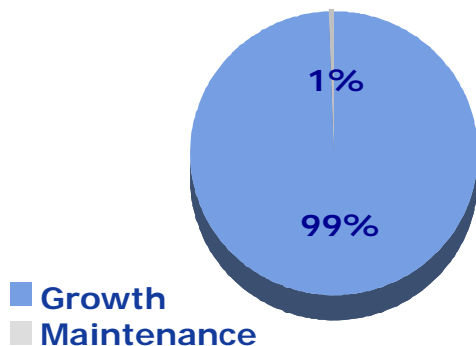


Enel Green Power's strategy on wind

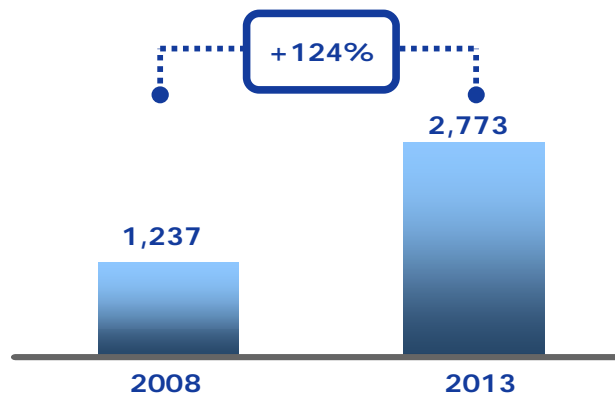
- Develop growth options in core markets
- Maintain a diversified geographical presence
- Mixed development model
- Capture opportunities in equipment procurement

CapEx (m€)

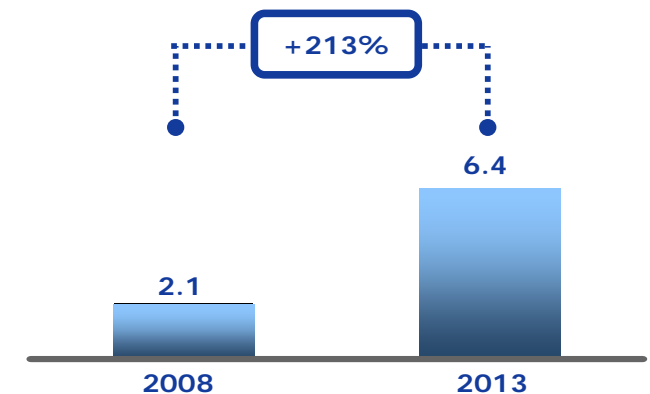
Total 09-13 = 2,194 m€



Installed capacity (MW)



Energy production (TWh)



Investor Day

Rome - April 22nd, 2009

- | | |
|--|----------------|
| • Opening remarks | F. Conti |
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| • Geothermal | T. Volpe |
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Solar power

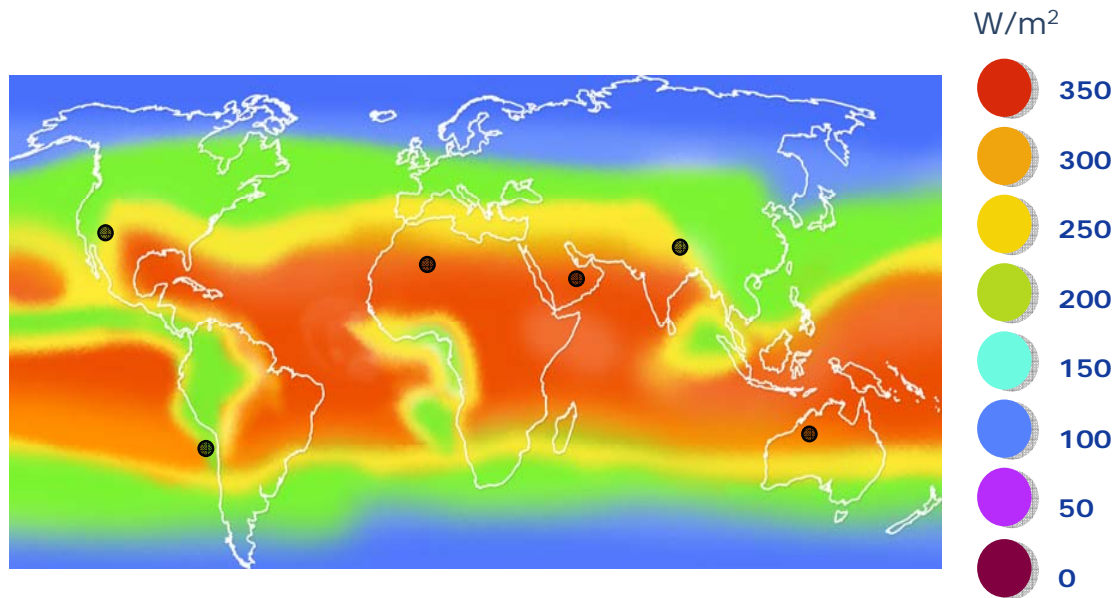
Ingmar Wilhelm



Rome, April 22, 2009

The Market: solar energy world-wide

Irradiation



Source: NASA 2008

- All major renewable energy sources such as hydro, wind, and obviously photovoltaic power ultimately come from the sun
- Total solar energy absorbed by the Earth is 3,850,000 EJ (exajoules) per year
- Total Wind energy on Earth is 2,250 EJ and total Biomass energy is 3,000 EJ per year
- Total Human Primary Energy use is some 500 EJ per year (of which electricity some 12%)

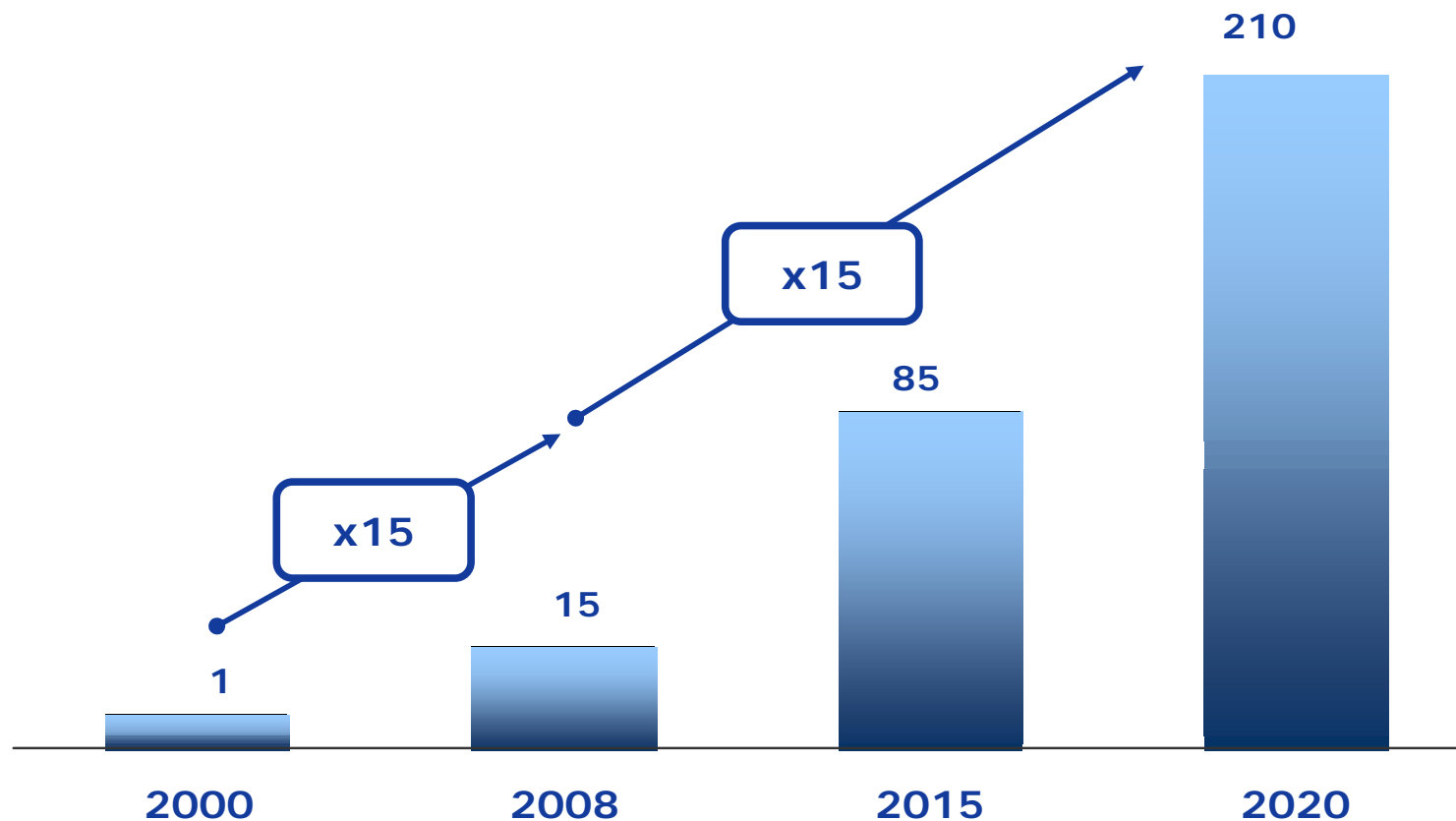
The map shows average irradiation on Earth.

The black spots represent the space necessary to replace the world's primary energy supply with solar electricity.

18 TWe equals 568 EJ.

Worldwide installed Photovoltaic Capacity

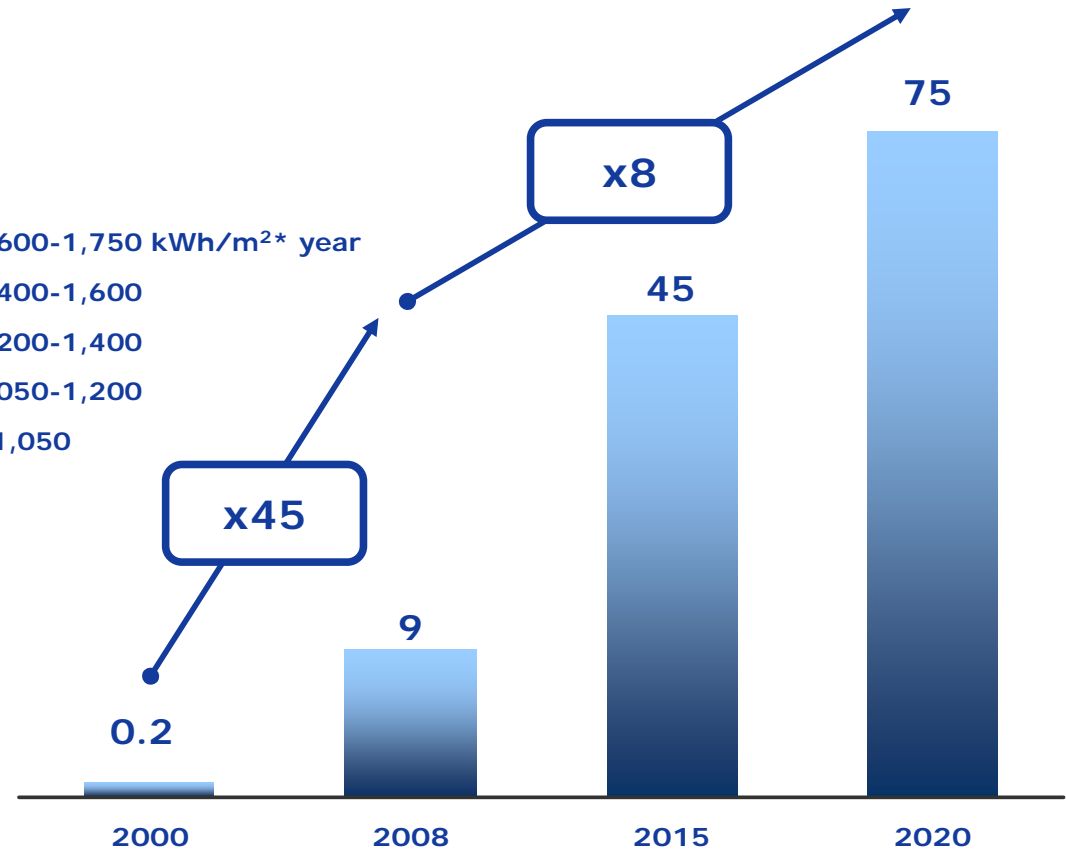
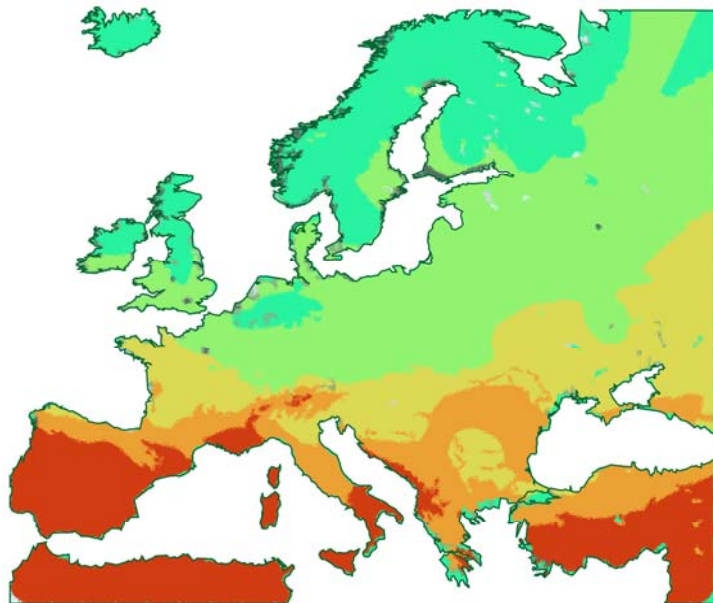
Cumulative Power in GW



- Capacity growth rates of photovoltaic power above 15% per year
- In 2008 worldwide capacity increased by over 5,000 MW

The Market: Europe

Irradiation

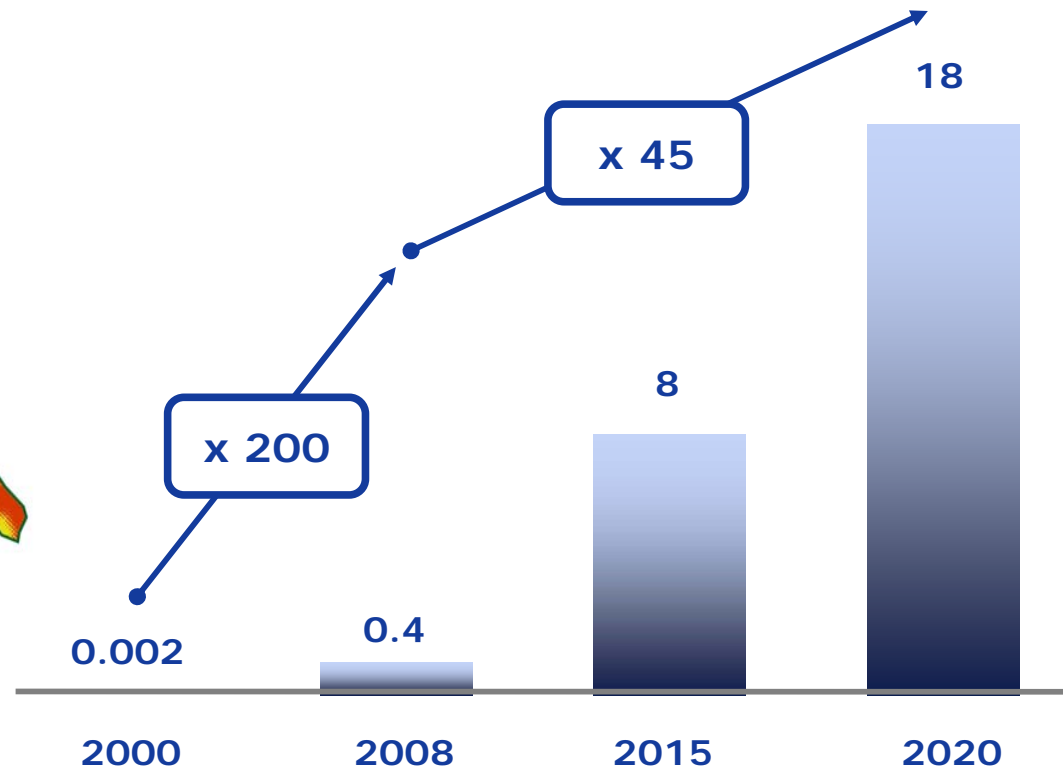
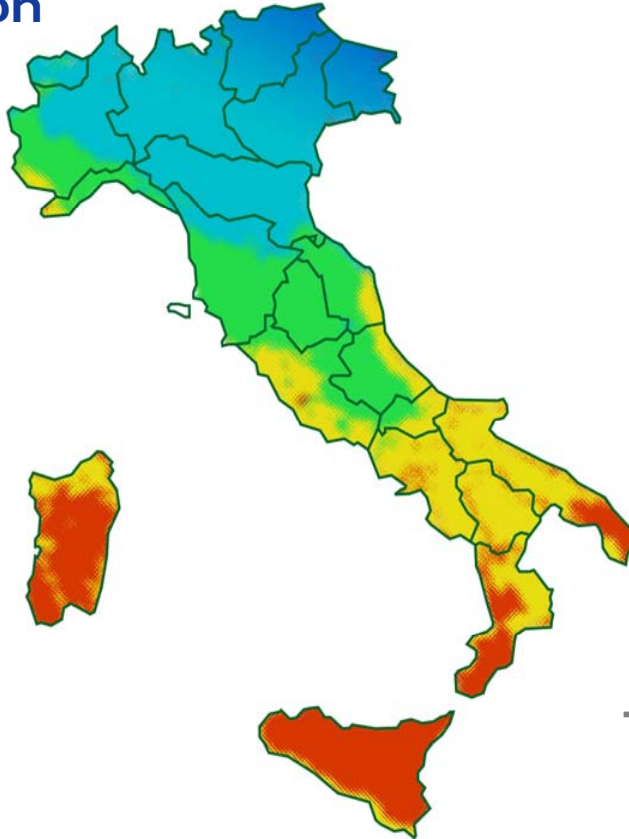
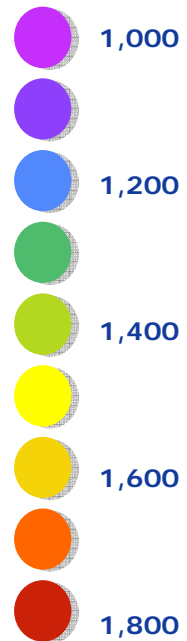


- Europe's installed photovoltaic capacity today is over 9,000 MW
- Very high irradiation levels around the Mediterranean basin



The Market: Italy

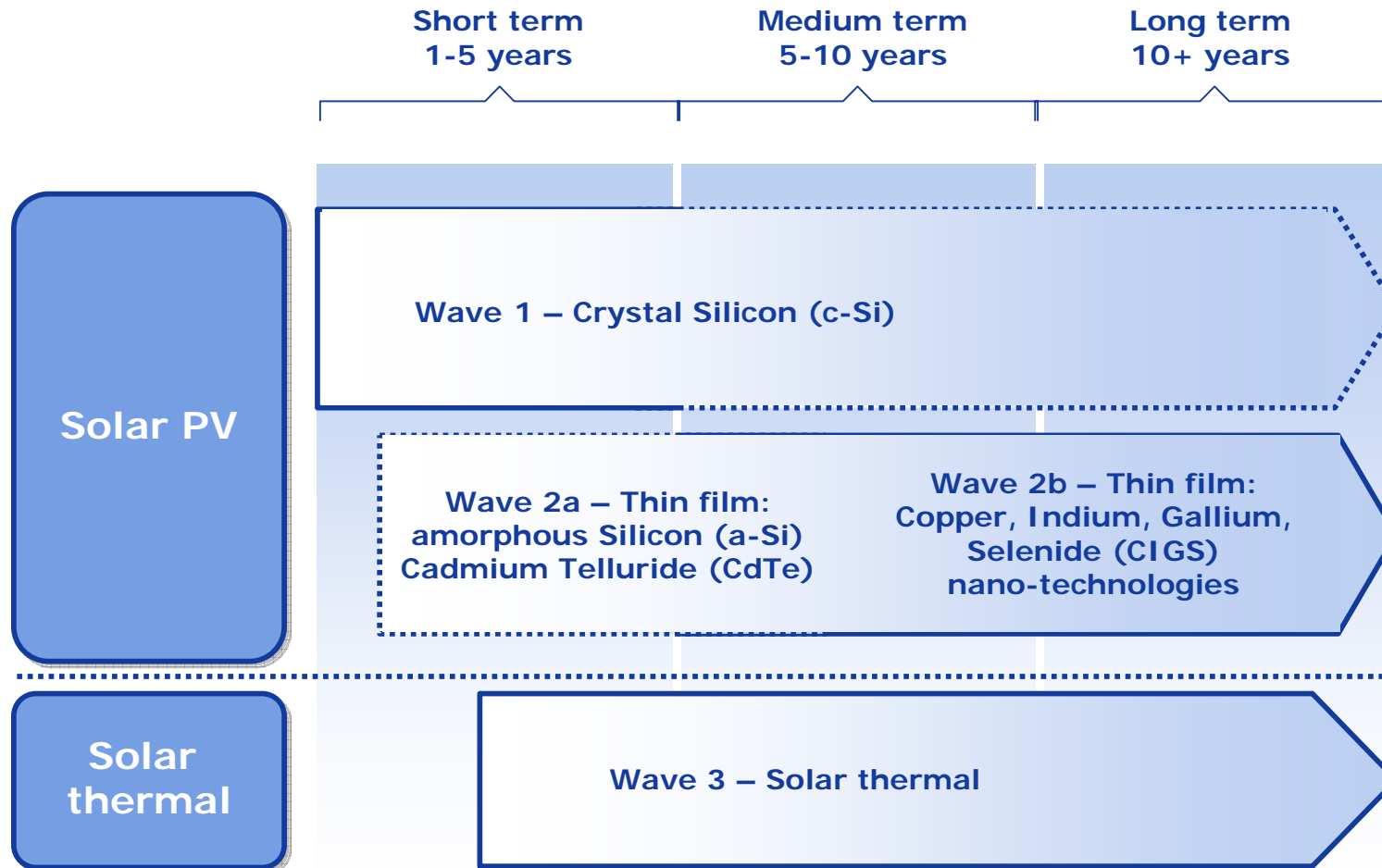
Irradiation



Global horizontal irradiation kWh/m² * year

- In 2008 over 340 MW of new capacity: Italy is among global TOP 5
- High irradiation levels in the Southern parts of Italy

Medium/long term technology evolution

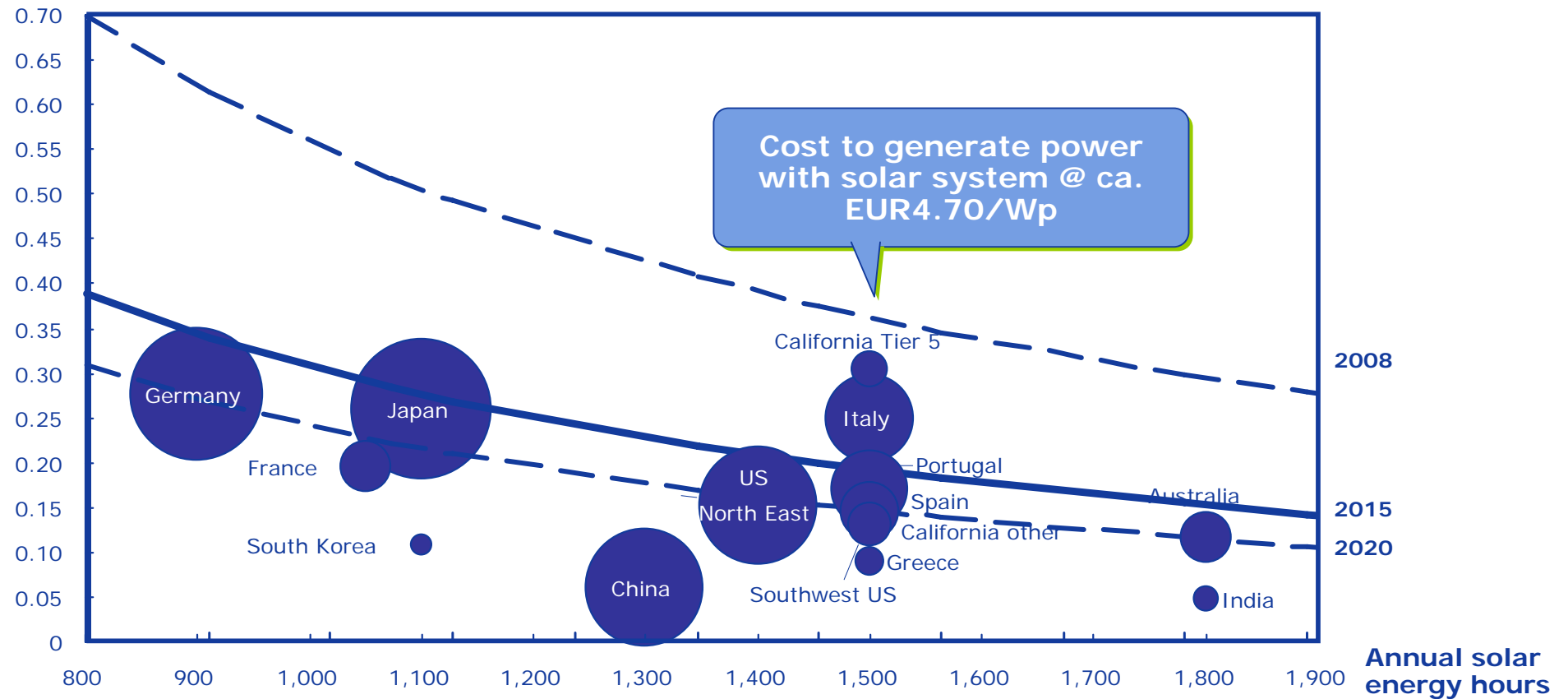


- a-Si thin film evolves as a new competitive large-scale technology
- Still large potential for technological evolution

Key driver for market growth: grid parity

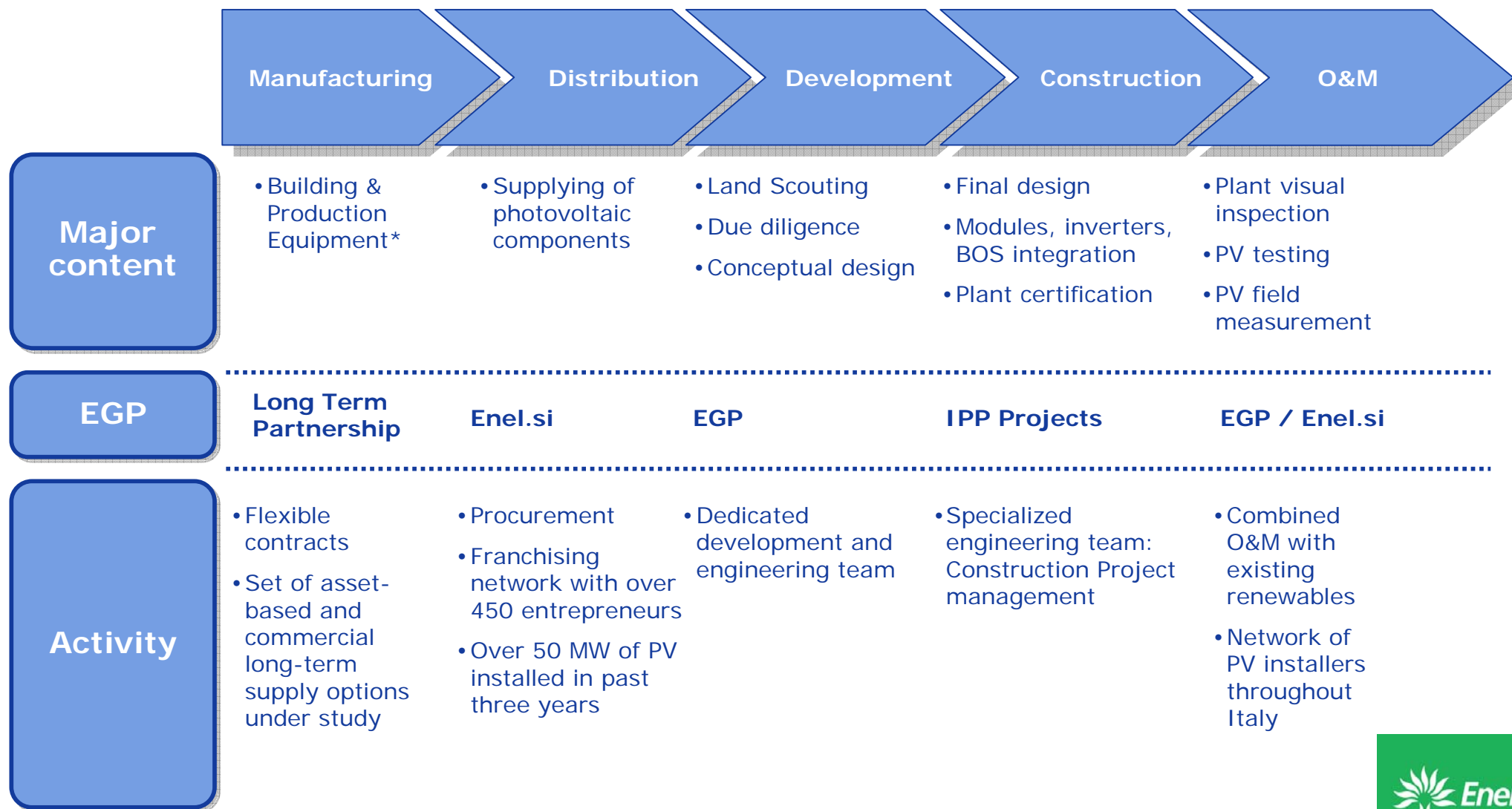
Average power price for households
EUR/KWh

● c-Si cumulative installed
capacity in 2020 in GW



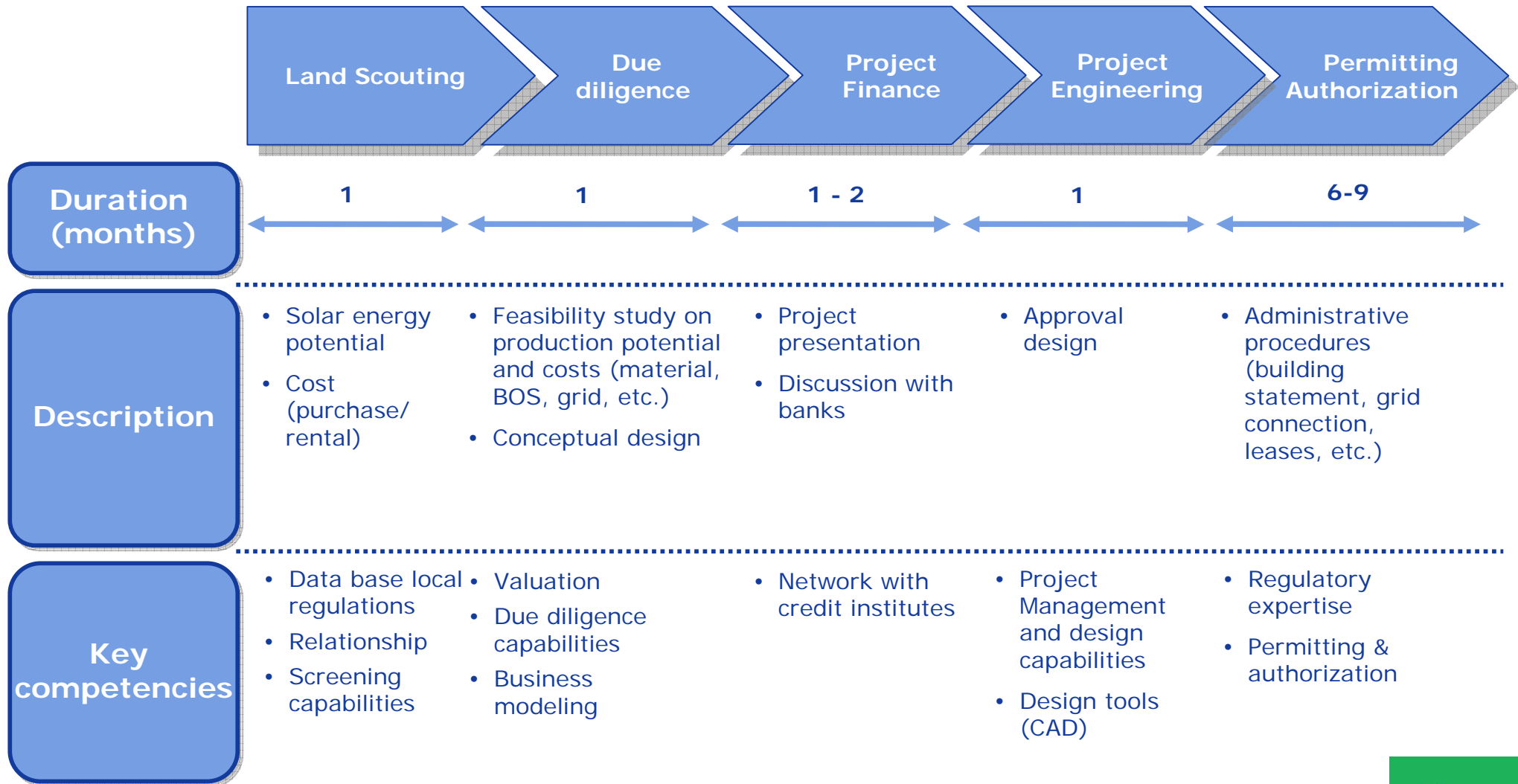
- Grid parity to be reached in several countries within the next 5 years
- Italy will be the first "grid parity" market in Europe

Enel Green Power positioning along the value chain



(*) Silicon Crystalline Production Plant

Typical development process: 9-12 months



Typical project economics for a new entrant

Example Italy

Key drivers

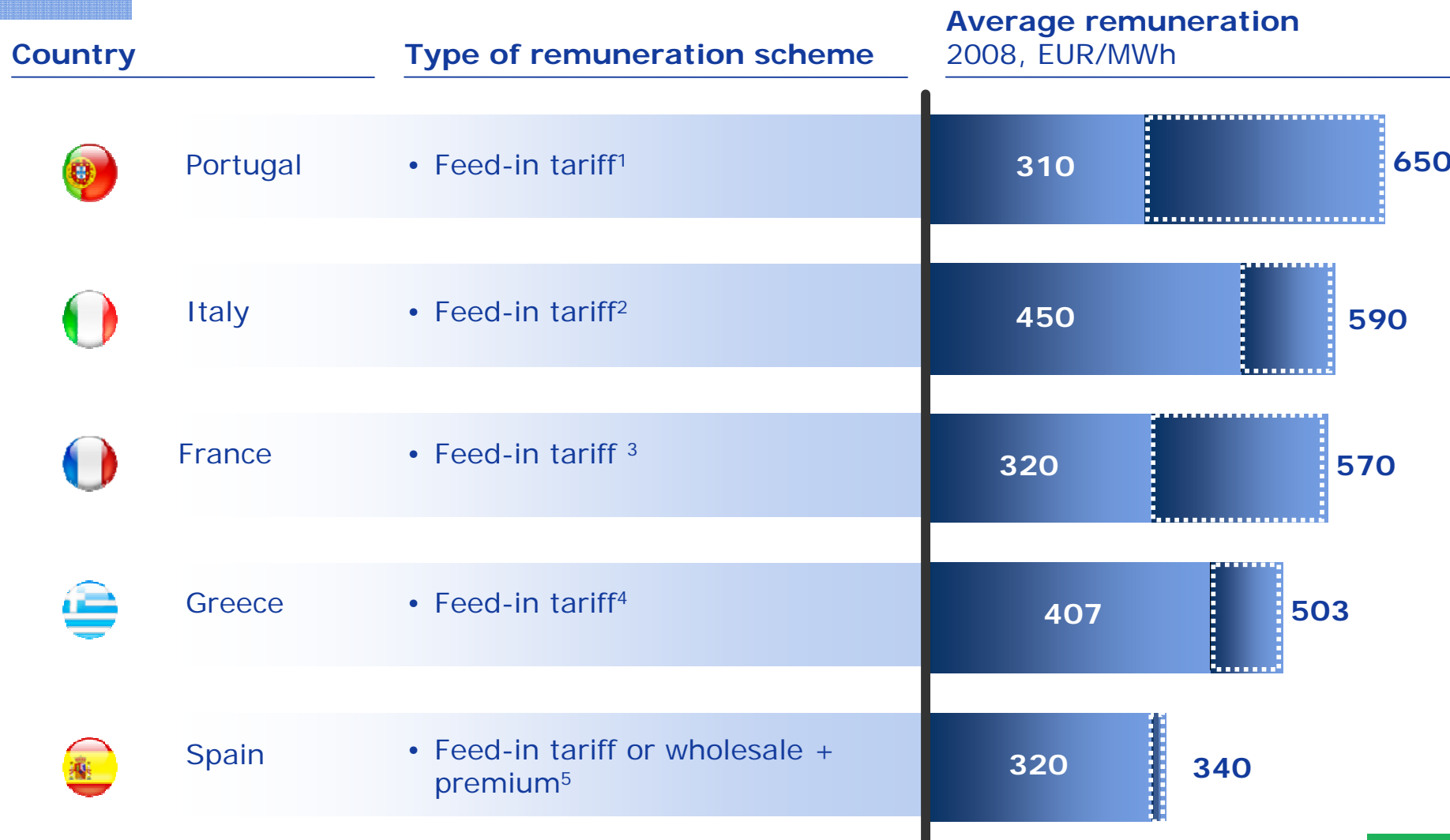
Drivers		Values	
		2008	2020
Investment	• CapEx ¹	• EUR 4.30 million/MW	• EUR 1.60 million/MW
	• OpEx ²	• EUR 40,000/MW	• EUR 35,000/MW
Operating	• Load factor	• 1,250 hours	• 1,250 hours
	• Useful life	• 20 years	• 20 years
	• Productivity decay	• 0.5%/year	• 0.5%/year

(1) Average of thin film technologies. Efficiency around 9%.

(2) 10 MW power plant (insurance not included)

Remuneration scheme by country

■ Large Scale
■ BIPV/Small scale



(1) Assuming 310 EUR/MWh for ground installation and 650 for plants smaller than 3.68 kWp

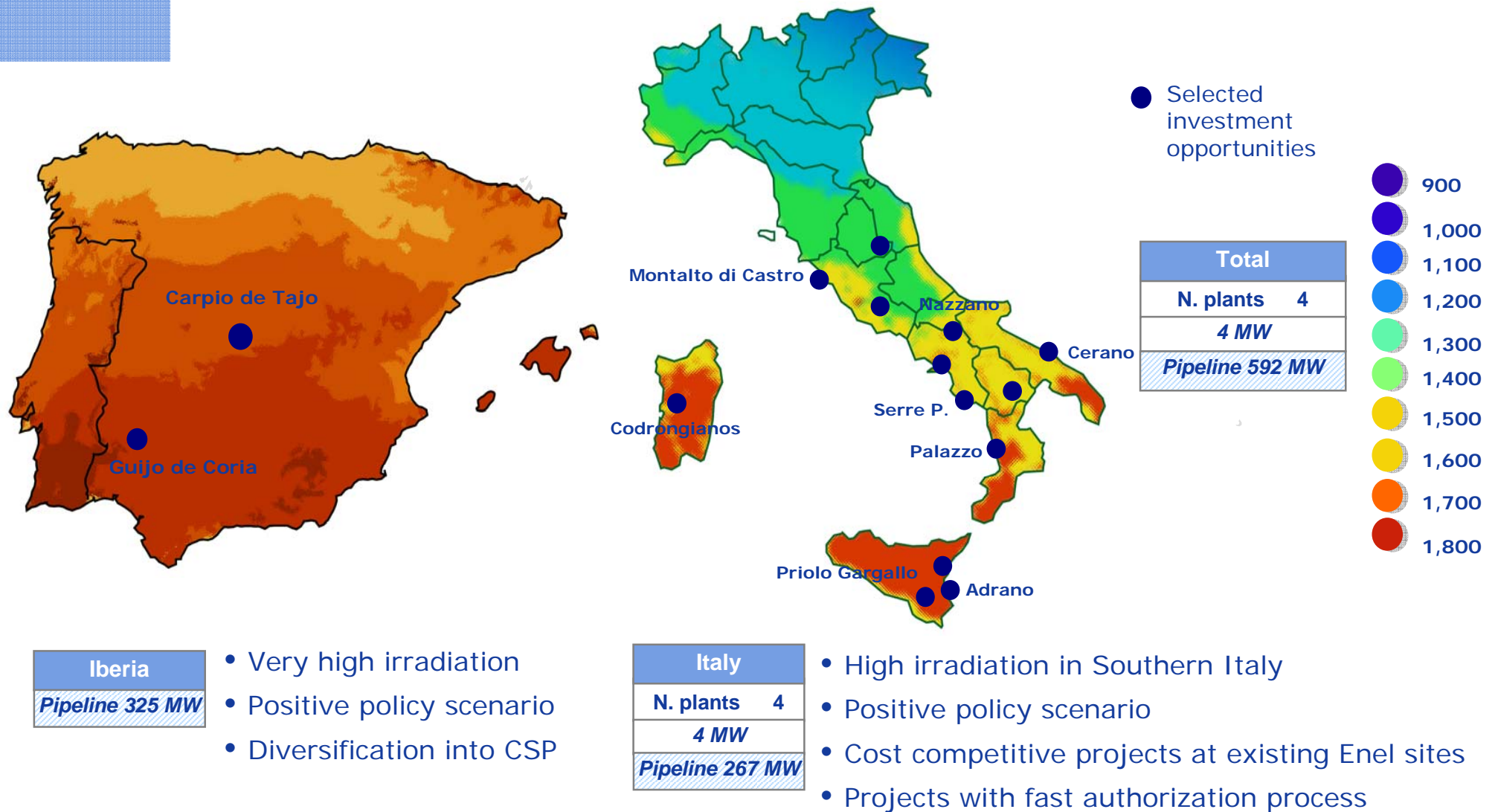
(2) Assuming 360 EUR/MWh for ground installation + ~90 EUR/MWh for energy sale into the market and max 490 for BIPV

(3) Assuming 320 EUR/MWh for ground installation and 570 EUR/MWh for BIPV

(4) Assuming 403 EUR/MWh for ground installation on mainland and 503 EUR/MWh for small plant on islands. In addition, 30% CapEx subsidy can be awarded

(5) Assuming 320 EUR/MWh for ground installation and 340 for roof top installations

Enel Green Power's solar pipeline development



Enel.si: access to the prosperous retail market

Business model

- **Franchising: local entrepreneurs supported by Enel.si**
- **Enel.si** provides centralized communications, products, technical assistance, finance solutions, sales and technical training platform
- Development of **distributed renewable energy generation** devices and **energy efficiency solutions**

Status

- Over **450 franchisees** with local points of sale
- Over **50 MW photovoltaic solutions sold**

Development opportunities

- Refueling **product pipeline** with new innovative applications
- Expansion of **franchise network to over 1,000**
- Extension of business model to **selected countries with local partners**

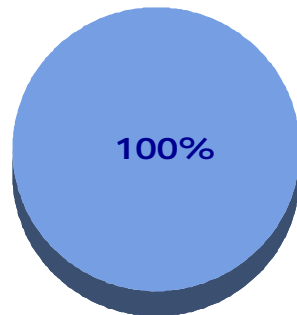
Over 450 franchisees
locally distributed over Italy



Strategy: Solar Photovoltaic

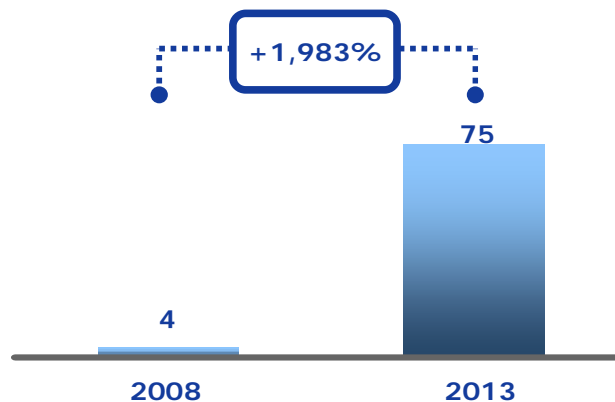
- Large-scale power plants in key geographies
- Upstream value chain integration
- Downstream integration into retail market

CapEx (m€)
Total 09-13 = 202 m€

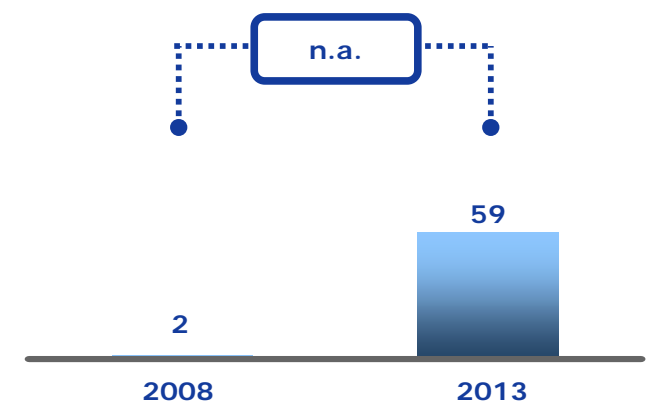


■ Growth
■ Maintenance

Installed capacity (MW)



Energy production (GWh)



Investor Day

Rome - April 22nd, 2009

- | | |
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Focus BD

Roberto Deambrogio

350

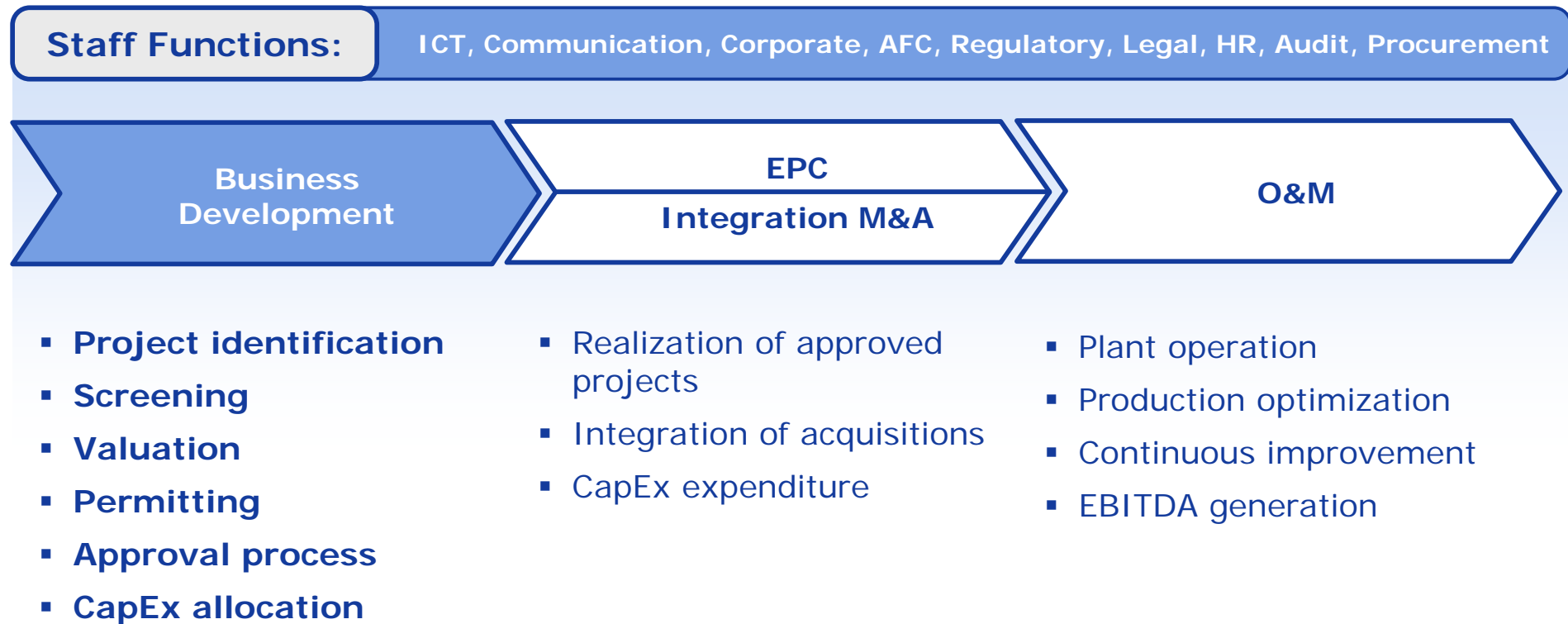
371

344



Green Power

The Workflow for Creating Value in Enel Green Power



Strategic approach - Greenfield and co-development

Greenfield

- Market Monitoring
- Strong local relationship
- Take advantage of Enel development capabilities
- Higher return projects
- Acquisition of a cost-free option to invest
- Skilled local team required
- 1-3 years as lead time

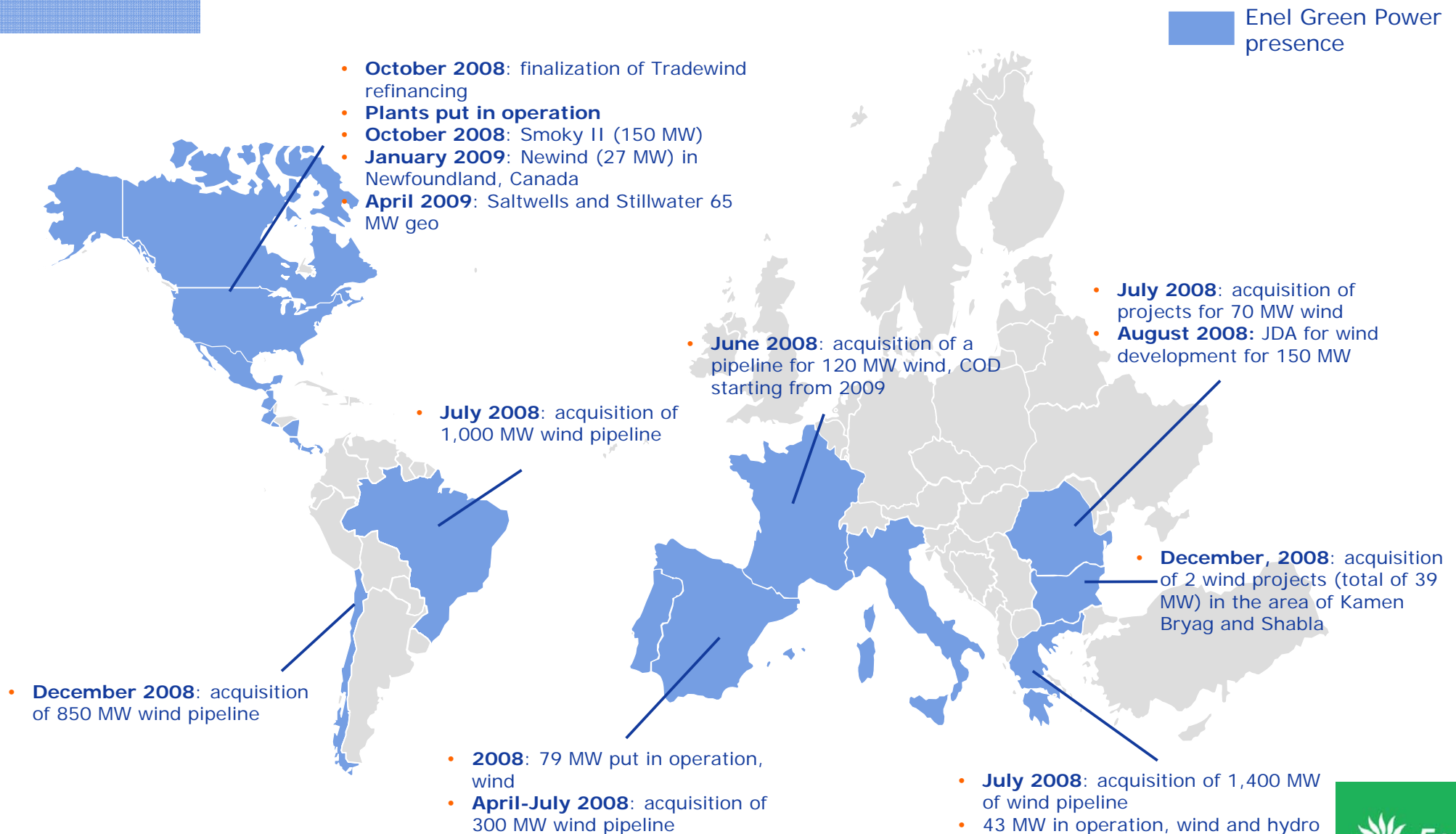
Co-development

- Implementation of the pipeline with strategic partners in medium term
- More rapid development process
- Scalability and replicability of the Joint Development Agreements
- Complementary set of skills with Partners
- Success-fee based agreements to share the development risk and upside

A strong and significant pipeline can lead EGP to optionality, more flexibility and profitable growth

Enel Green Power additional capacity

Most recent deals finalized and plants put in operation

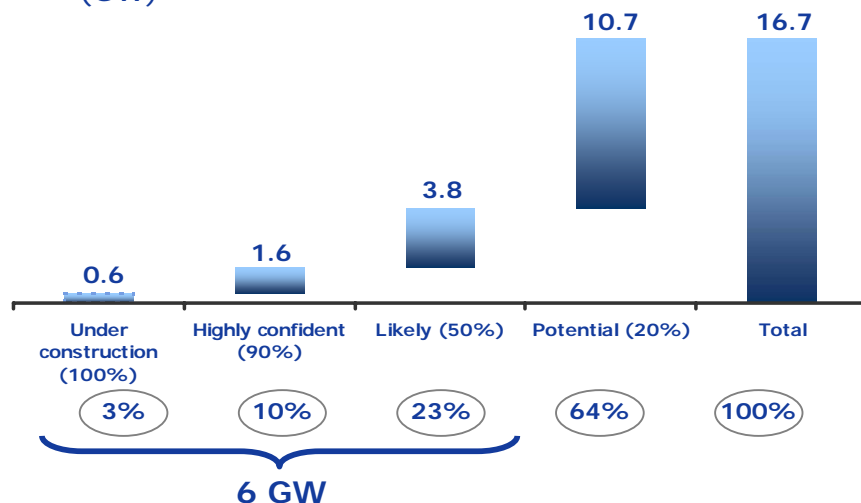


Enel Green Power Development Pipeline

○ Weight on total capacity (%)

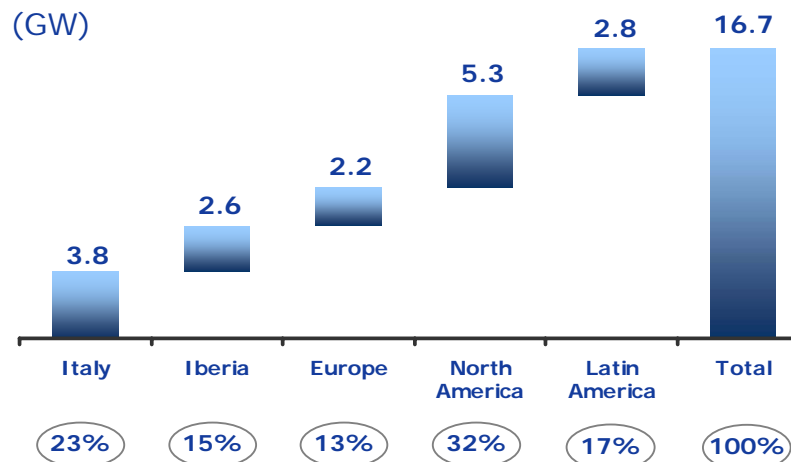
A solid pipeline* ...

(GW)



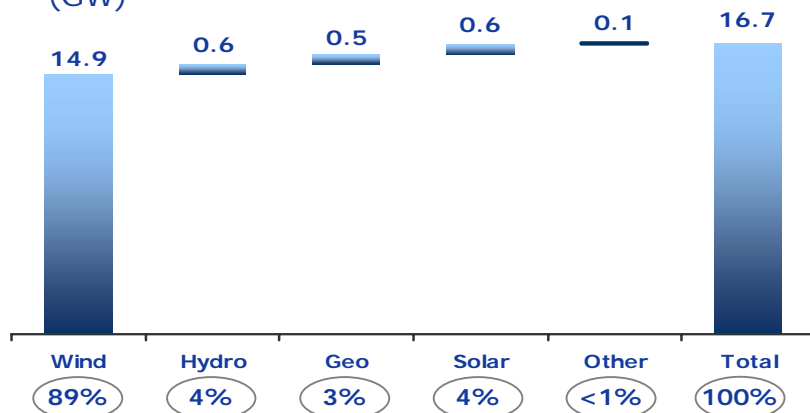
...evenly split among geographies...

(GW)



...with projects in four technologies

(GW)



- 6 GW of solid pipeline plus 10.7 GW of back-up options
- Financial discipline: geographies and technologies compete for capital allocation on the base of profitability

* Probability of project becoming operational at exp. COD
 Note: Proforma data; Endesa not included (accounting for 12.4 GW pipeline)

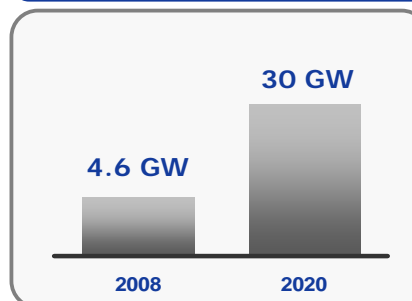
Area Europe - Enel Green Power positioning

Focus Italy



1. **South:** approx. 1,400 MW wind pipeline and 80 MW PV solar pipeline
2. **Islands:** approx. 400 MW wind and 150 MW PV solar pipeline
3. **Rest of Italy:** approx. 250 MW wind, 200 MW geothermal and 50 MW PV solar pipeline

Market-Resource



The Italian Government has set ambitious targets:

- 12 GW of wind
- 9.5 GW of solar
- Approx. 8.5 GW of hydro, biomass and geothermal

Source: Position Paper Italian Government

Regulatory

Among the highest incentives for Renewables in Europe:

- **CIP6:** feed-in tariff for plants with COD up to 1999
- **Green Certificates:** by technology
- **"Conto Energia":** feed-in tariff for solar PV plants

Enel Green Power's strengths

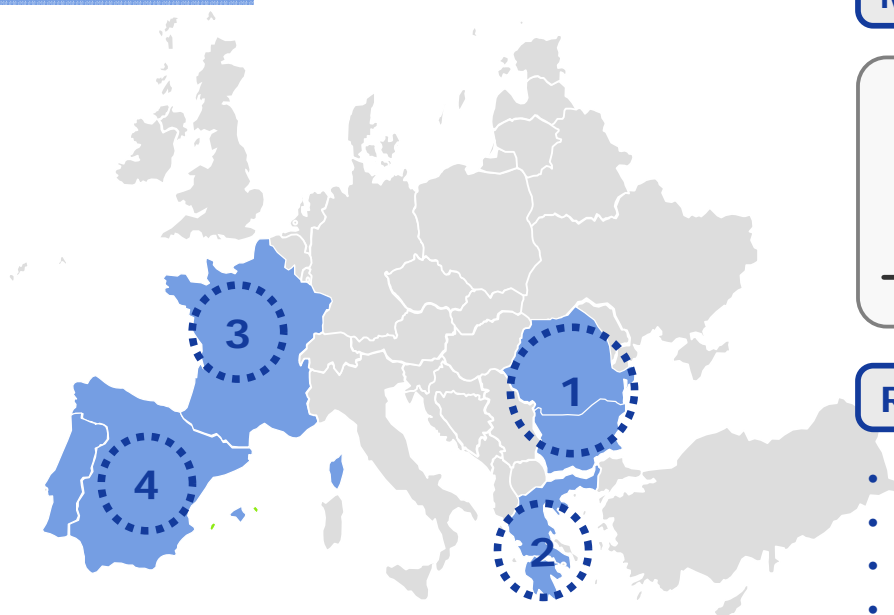
- **Wind:** Synergies with hydro O&M; more than 100 employees dedicated to BD activities and construction
- **Hydro:** 3 Business units, 24 O&M units; more than 600 employees
- **Solar:** Enel.si, leader in Italy on PV market; ~ 400 franchisee and ~35 employees dedicated to design and "turn key" projects

**Significant growth due to favorable regulatory framework,
with incentives for wind and solar PV**



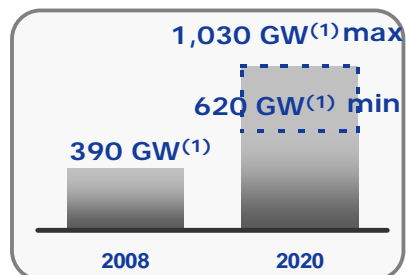
Area Europe - Enel Green Power positioning

Focus Rest of Europe



1. **ROMANIA** and **BULGARIA** – 75 MW wind farm under construction and 500+ MW wind pipeline
2. **GREECE** – 1,400 MW wind pipeline
3. **FRANCE** - 95 MW wind farms under construction and more than 400 MW wind pipeline
4. **SPAIN** - 122 MW wind under construction and 2,500+ MW pipeline⁽²⁾ (wind, hydro, biomass, solar, and cogen)

Market-Resource



- EU 20-20-20 Directive
- Most Countries are new or developing wind markets
- Spain, France and Greece key markets for solar development

Regulatory

- Tradable Green Certificates (Romania)
- Feed in tariff (France, Greece, Spain, Bulgaria)
- Investment incentives (Greece)
- Tax incentives (France)

Enel Green Power's strengths

- Spain: since 2003 presence in the market through EUFER
- Romania: synergies with Enel's three Discos
- France, Greece, Bulgaria: presence as a growth platform

A strong boost by EU to reach ambitious targets makes our markets attractive in terms of growth and profitability

(1) Including Italy
 (2) Corresponds to Enel Green Power share (50%)

US outlook - New regulation and its implication

Objectives' of Obama Administration on renewables

Job creation



Reducing oil dependence



Greenhouse gas reduction



Distinct pieces of climate and energy legislation in 2009

Stimulus package

- Up to ~98 USD billion energy-related funding
- Substantial direct loans, loan guarantees and grants

Energy Bill

- Expected to address:
 - Federal renewable portfolio standard (RPS)
 - New transmission lines
 - Energy efficiency standards
 - Federal consumption

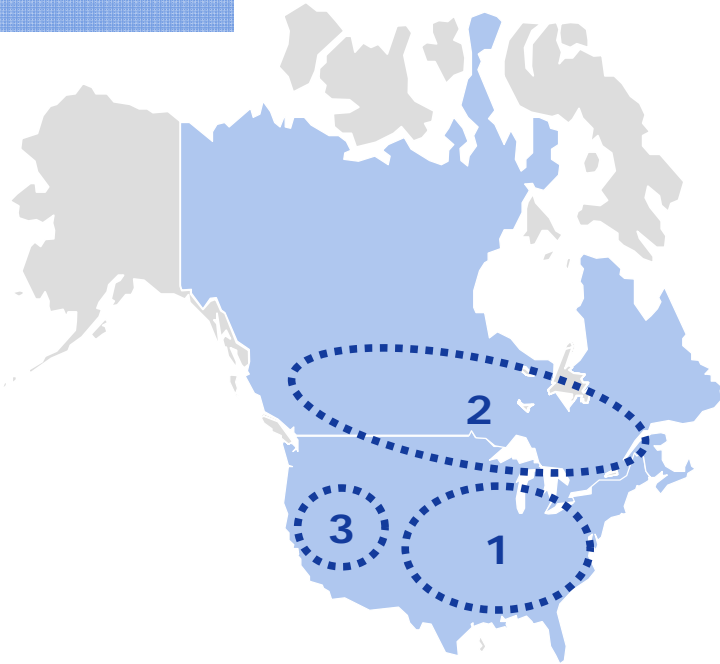
Climate Bill

- Likely focus on:
 - Creating a carbon cap-and-trade system or other carbon reduction system
 - Energy efficiency

Implications for renewable players

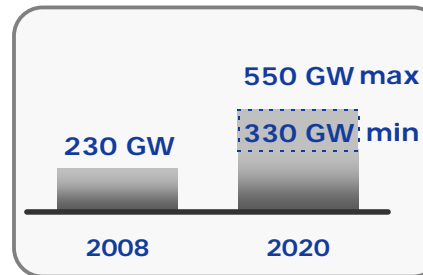
- **Higher regulatory “stability”**
 - » Multi-year renewal of PTC/ ITC
- **Easier financing conditions**
 - » Loan guarantees
- **Introduction of “top-line” incentives**
 - » Federal RPS
 - » Strong induced demand for green energy
 - » Renewable certificates to reduce forced reliance on financial partners

Area North America - Enel Green Power positioning



1. **US Midwest:** Tradewind exclusive developer for Enel with substantial pipeline (4,000+ MW)
2. **North-East US and Canada:** 600+ MW greenfield Wind and Solar projects
3. **Nevada:** commissioning 63 MW gross geo plants and approx. 100+ MW geo pipeline

Market-Resource



- Large potential still untapped
- Wind development starting in key markets (Mexico, Brazil and Chile)
- Central American regional market being implemented

Regulatory

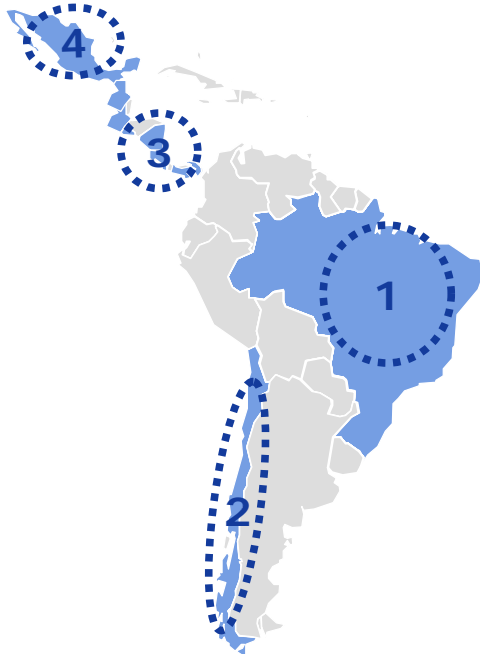
- Production Tax Credit (PTC): historically main driver in the US; new incentives in the Stimulus Bill (ITC, Grants)
- Radical change in policy support (PTC already extended, Federal RPS, Carbon legislation)

Enel Green Power's strengths

- Presence in the North American market since 2001
- 748 MW installed in four different technologies
- Long term experience in the US RE market (20+ years)
- Significant pipeline in geo and wind

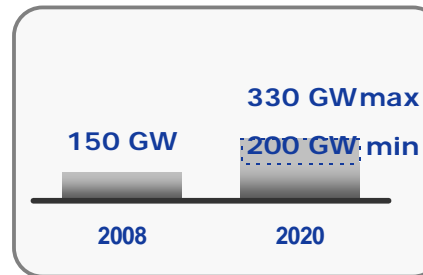
Large and fast growing market, solid policy support, Enel Green Power positioned to seize significant growth opportunities

Area Latin America - Enel Green Power positioning



1. **BRAZIL** - JDA with for wind development (1,000 MW) and 23 MW repowering of existing hydro plants
2. **CHILE** - JDA (850 MW wind pipeline); 120 MW geo pipeline
3. **CENTRAL AMERICA**
 - i. 85 MW hydro under construction
 - ii. 600+ MW hydro and geo pipeline
4. **MEXICO** - JDAs for wind development (2,000 MW) under negotiation

Market-Resource



- Large potential still untapped
- Wind development starting in key markets (Mexico, Brazil and Chile)
- Central American regional market being implemented

Regulatory

- Tax incentives and Clean Development Mechanism (CDM)
- Chile: New Quota Obligation system or RPS scheme
- Brazil: Subsidies fund; Financing; Auctions
- Mexico: Target by law up 2012: RES 26%; tax incentives; BOT tenders by CFE; regulation to boost renewables being drafted

Enel Green Power's strengths

- Presence in Latin America since 2001
- Leverage on key competences in different technologies

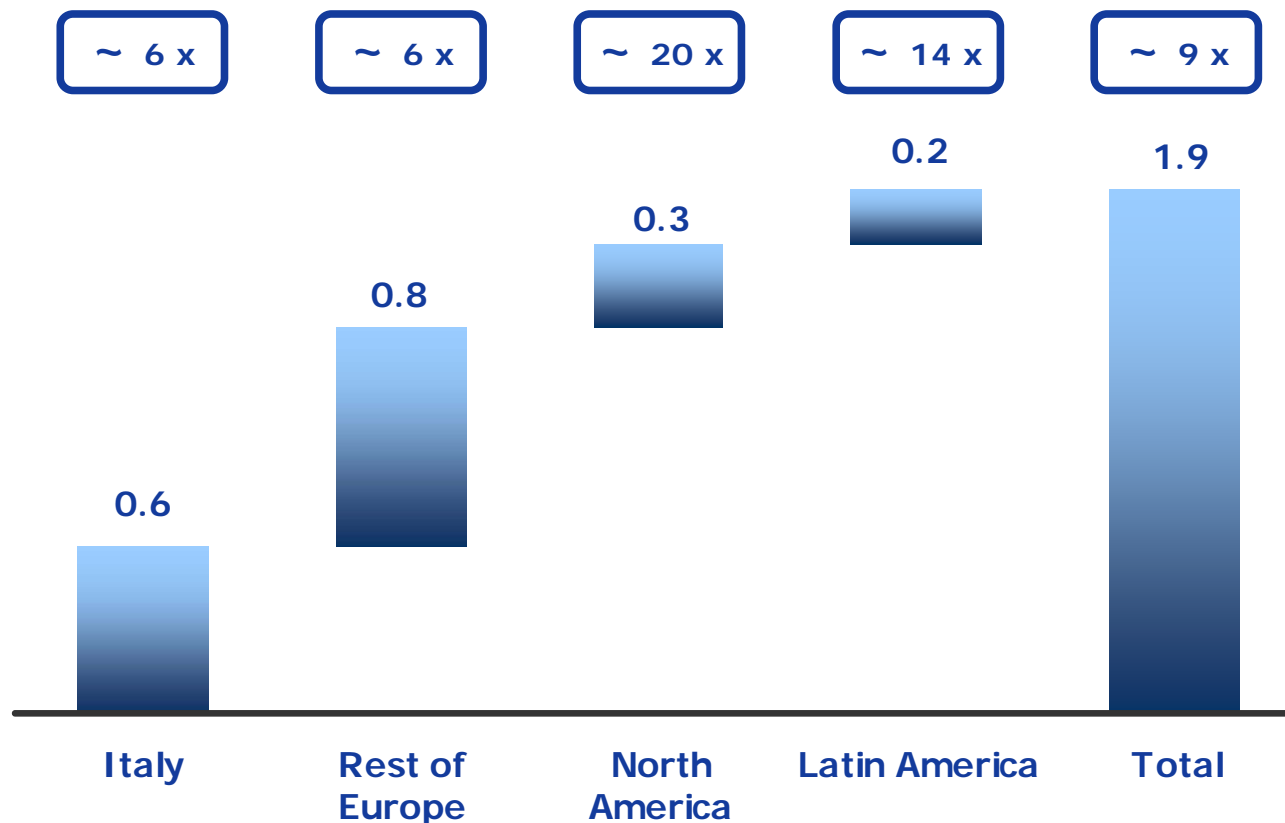
Focus on three markets: Chile, Brazil and Mexico while pursuing the interesting opportunities in the other markets



Enel Green Power Business Plan 2009-2013

Additional Capacity by Geography (GW)

Coverage Ratio
(Pipeline/Add. Installed Capacity)



Weight on total additional capacity (%)



Pipeline covers 9 times additional capacity of Business Plan 2009-2013

Investor Day

Rome - April 22nd, 2009

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Financials

Alberto De Paoli

21.23	+9.32	[1.56%]
20.34	+0.32	[0.32%]
72.20	-0.21	[3.10%]
2,322.00	+3.12	[0.04%]
3.00	-9.33	[0.66%]
3.03	-3.38	[5.29%]
238.27	-7.93	[8.12%]
24.13	+3.03	[0.89%]
38.23	+0.34	[0.93%]
4.23	+0.00	[1.93%]
46.02	-3.23	[1.32%]
47.38	+3.98	[0.32%]
74.32	-3.21	[0.99%]
2,494.87	-0.32	[5.32%]
2.48	+9.73	[0.02%]
332.45	+2.09	[1.87%]
86.39	+3.03	[0.89%]
4.21	+0.34	[0.93%]
132.09	+0.00	[1.93%]
33.83	+2.23	[3.78%]
57.92	-2.23	[1.32%]
23.33	-2.21	[0.73%]
832.98	+3.98	[0.32%]
73.12	+1.32	[2.12%]
833.22	-3.21	[0.99%]
8,212,30	-0.32	[5.32%]
3.00	+9.73	[0.02%]
83.12	+2.09	[1.87%]
63.98	+9.32	[1.56%]
234.22	+0.32	[0.32%]
2.32	-0.21	[3.10%]
24.13	+3.33	[0.32%]
74.75	+0.32	[2.23%]
89.43	+4.10	[1.93%]
92.42	-0.43	[9.83%]
9329.32	+3.03	[0.89%]
23.32	+0.34	[0.93%]
928.10	+0.00	[1.93%]
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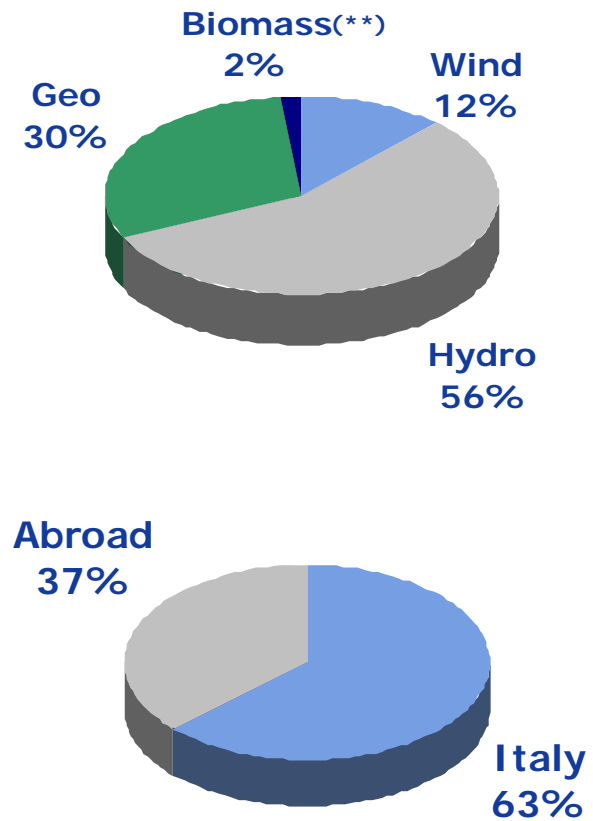
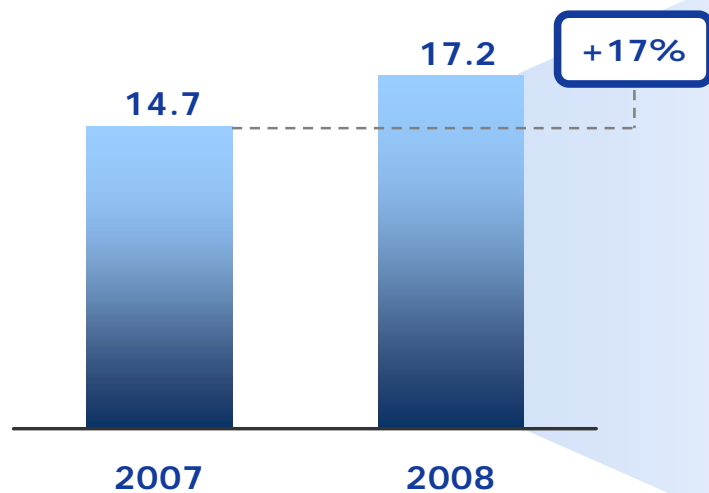
Rome, April 22, 2009

Proforma 2007 and 2008

<i>M€</i>	2008	2007	Δ %
Revenues	1,852	1,536	+21%
EBITDA	1,188	989	+20%
<i>EBITDA margin</i>	<i>64%</i>	<i>64%</i>	<i>n.a.</i>
EBIT	772	608	+27%
Net income	376	<i>n.a.</i>	<i>n.a.</i>

Net Production 2008^(*)

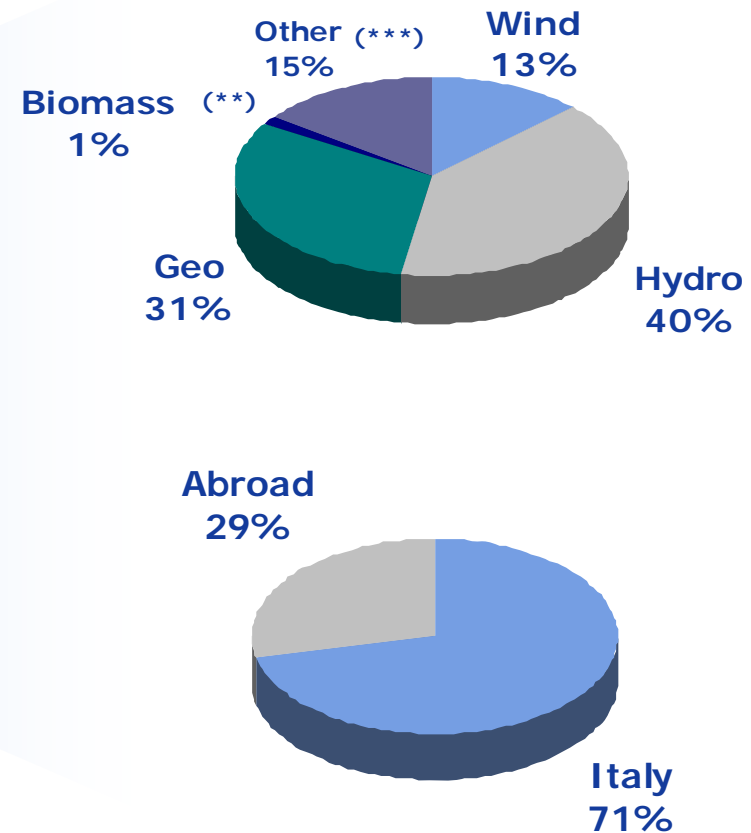
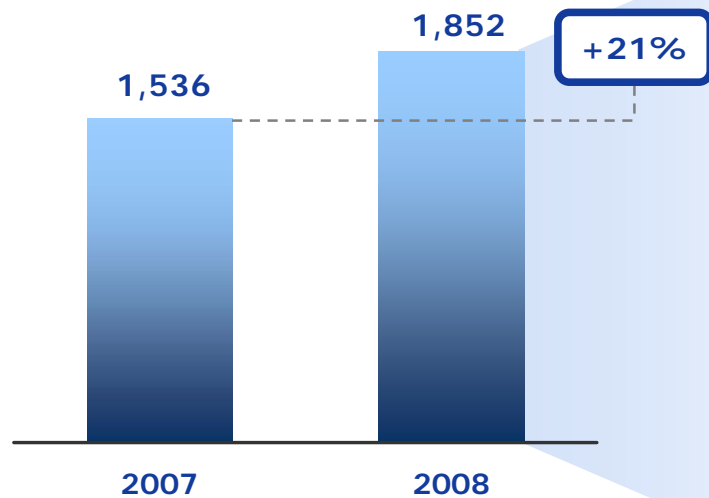
Net Production (TWh)



(*) Proforma
(**) Including Cogeneration

Revenues 2008^(*)

Revenues (€ mln)

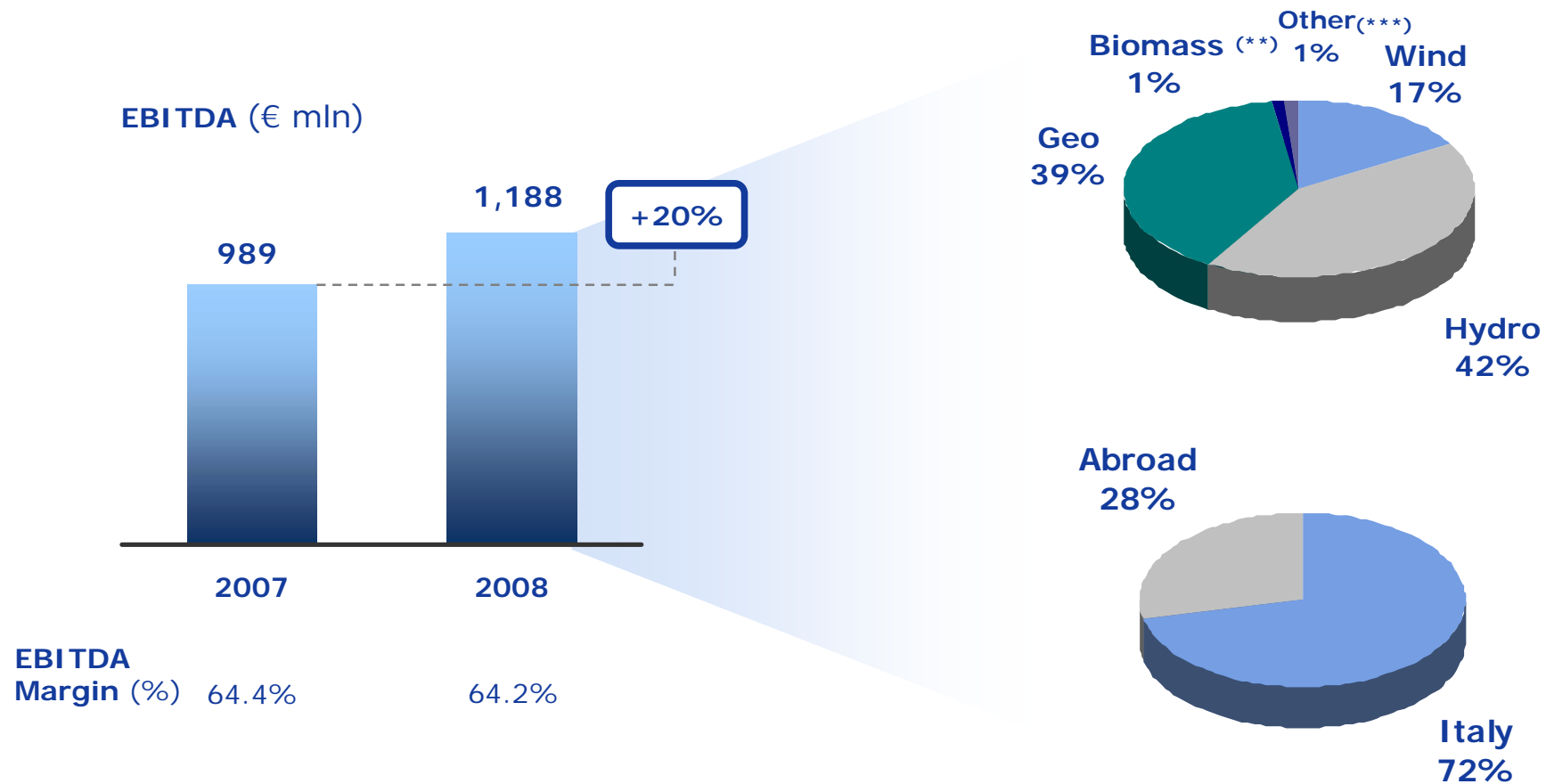


(*) Proforma

(**) Including Cogeneration

(***) Including Revenues from PV Modules selling

EBITDA 2008^(*)

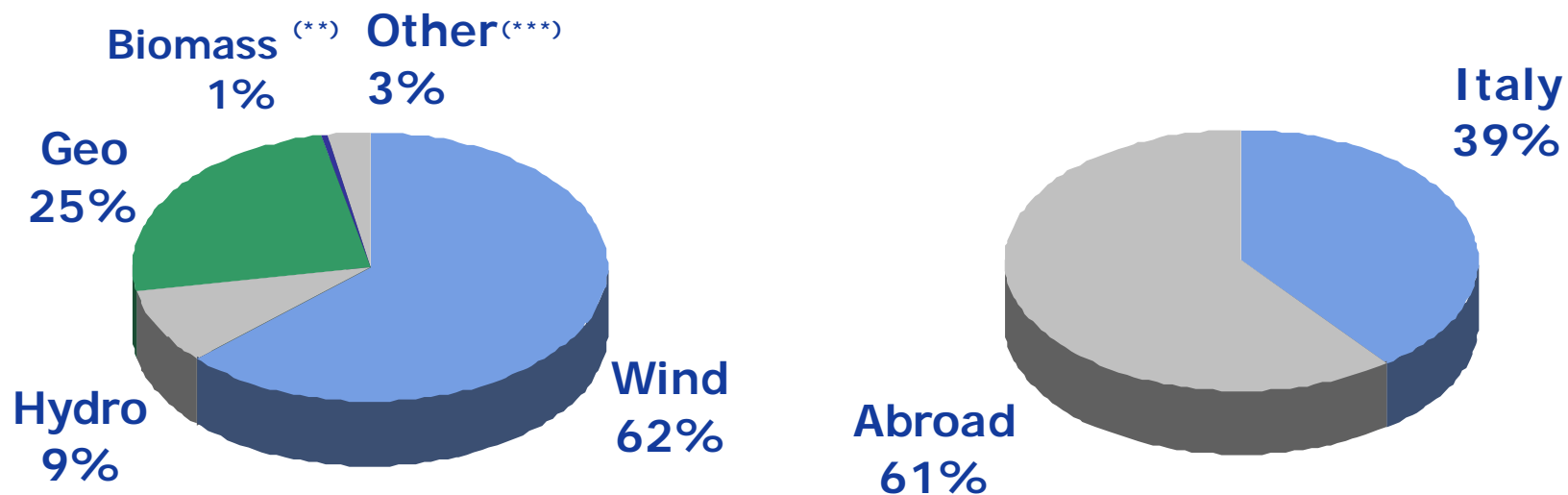


(*) Proforma

(**) Including Cogeneration

(***) Including Revenues from PV Modules selling

CapEx 2008^(*)



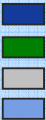
Total CapEx 2008 = 951 € mln

(*) Proforma

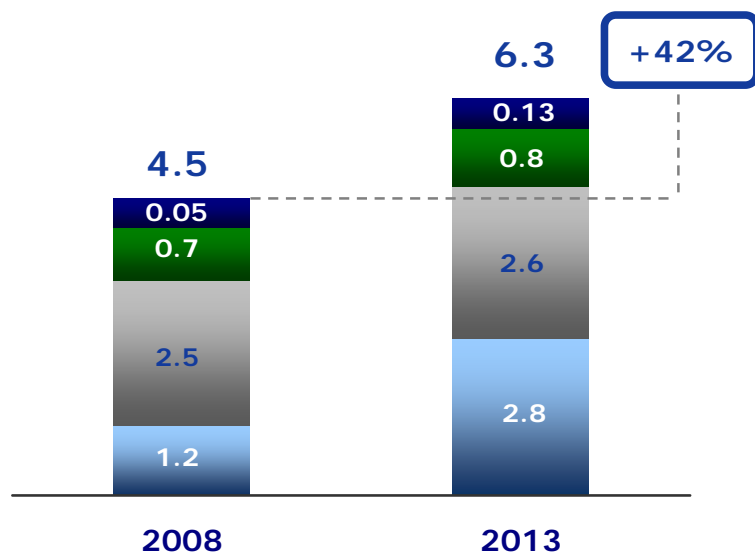
(**) Including Cogeneration

(***) Including Revenues from PV Modules selling

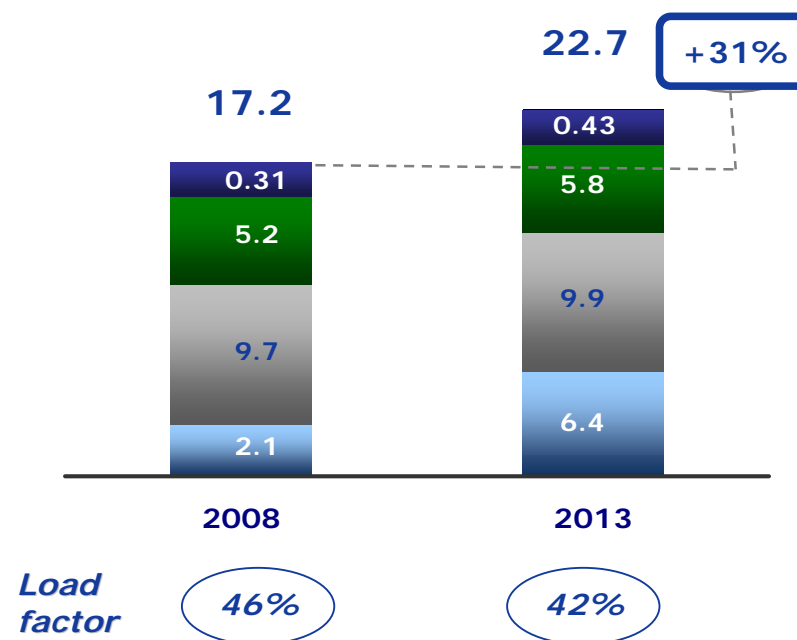
Operating targets 2009-2013


 other
 geo
 hydro
 wind

Net installed capacity* (GW)



Net production* (TWh)



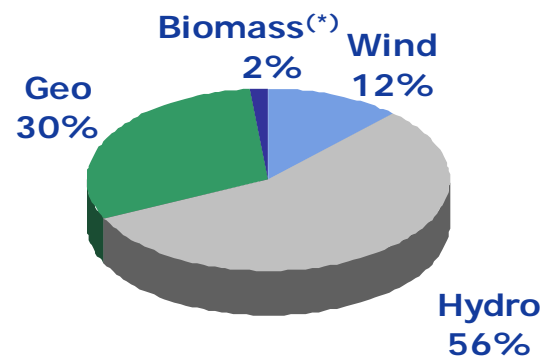
(*) Other (MW): **2008:** Solar 4, Biomass 21, Cogen. 26; **2013:** Solar 76, Biomass 26, Cogen. 31

(**) Other (GWh): **2008:** Solar 2, Biomass 172, Cogen. 136; **2013:** Solar 59, Biomass 206, Cogen. 165

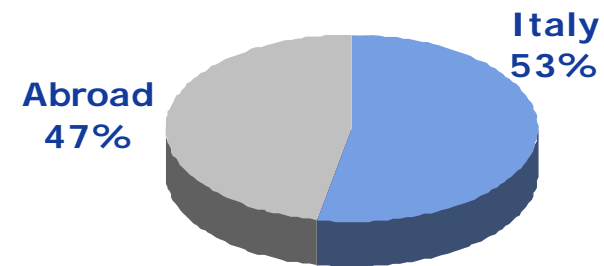
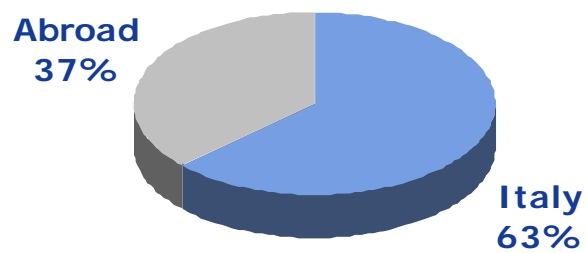
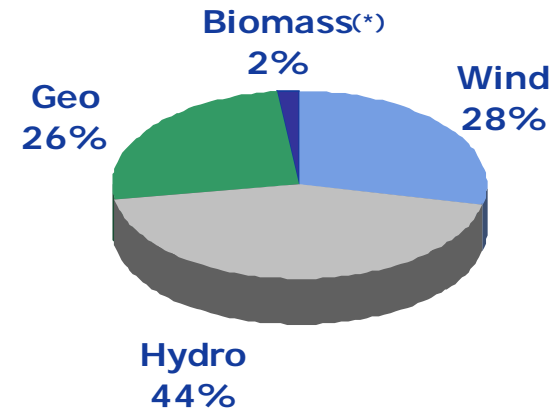
Operating targets 2009-2013

Net Production

2008 (17.2 TWh)



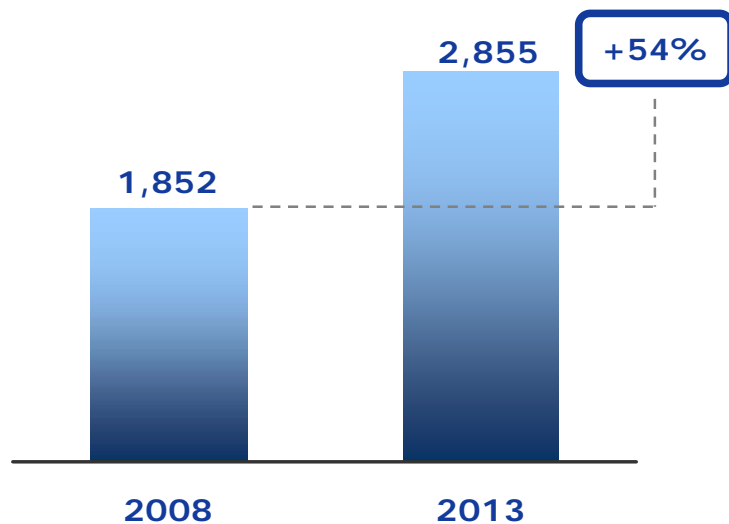
2013 (22.7 TWh)



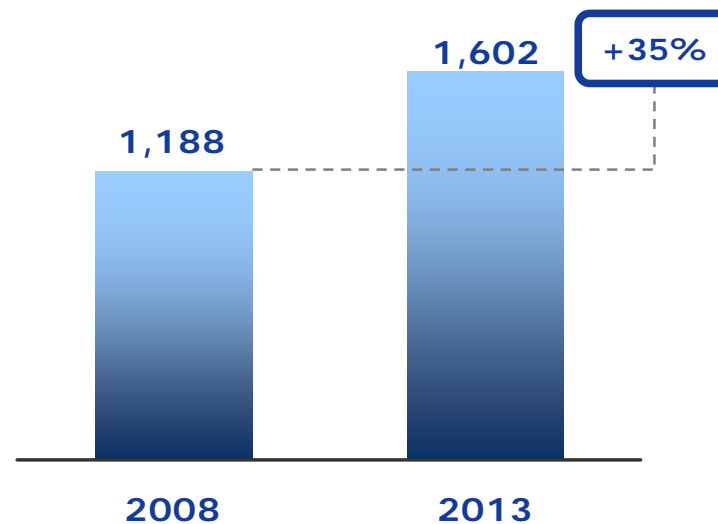
(*) Including Cogeneration

Financial targets 2009-2013

Revenues (M€)



EBITDA (M€)

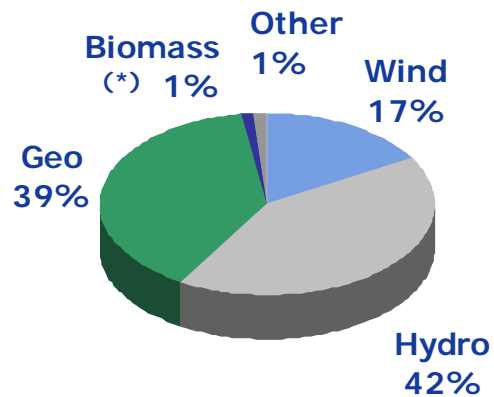


Cum. EBITDA 09-13 = 6.7 bn €

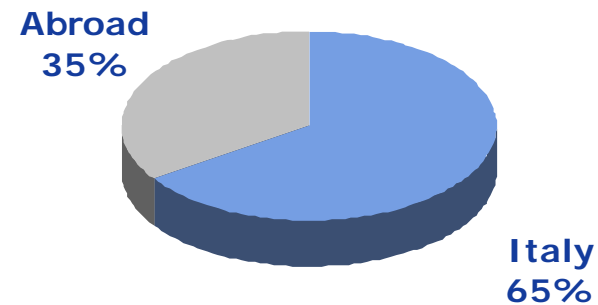
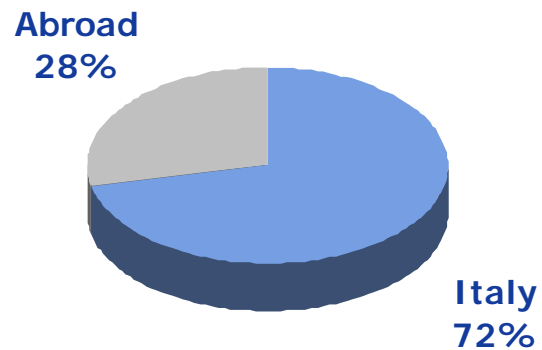
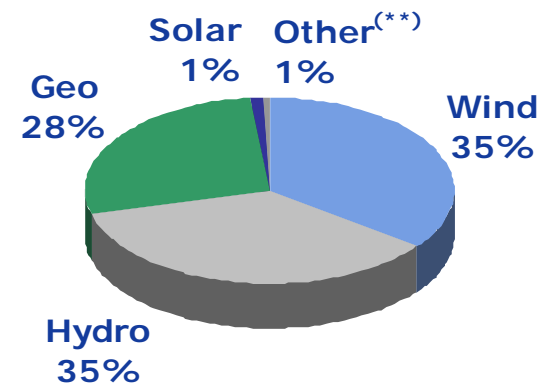
Financial targets 2009-2013

EBITDA

2008 (1.2 € bln)



2013 (1.6 € bln)

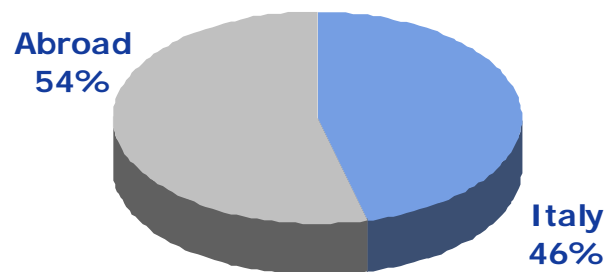
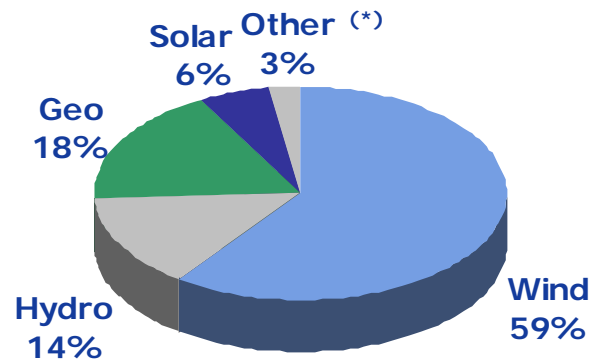


(*) Including Cogeneration

(**) Including Biomass, Cogeneration and Other

Financial targets 2009-2013

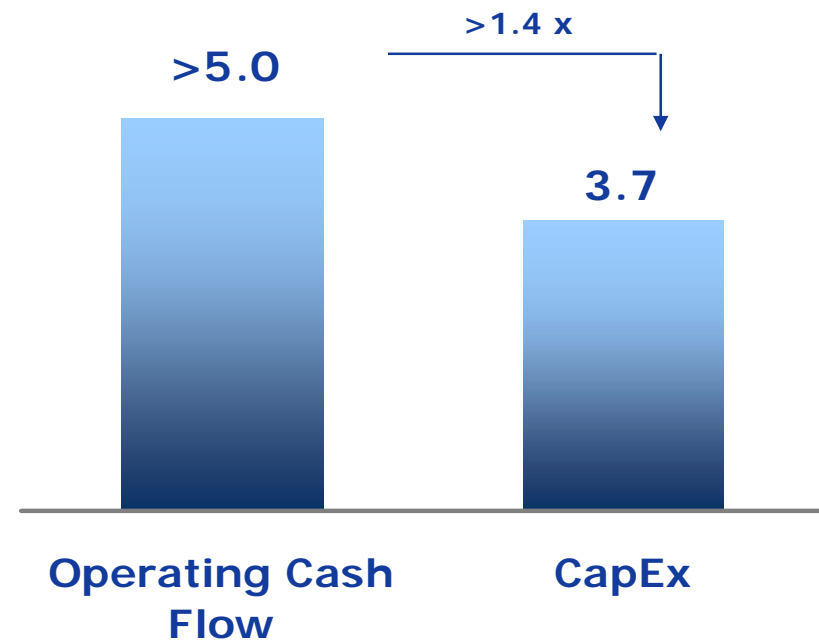
CapEx



Total CapEx 09-13 = 3.7 bn €

Operating Cash Flow 09-13/CapEx 09-13

(€ bln)



(*) Including Biomass, Cogeneration and Other

Investor Day

Rome - April 22nd, 2009

- | | |
|--|----------------|
| • Opening remarks | F. Conti |
| • Enel Green Power: a leading player in renewable energies | F. Starace |
| • Focus on technologies: | |
| • Geothermal | T. Volpe |
| • Hydro | V. Vagliasindi |
| • Focus on technologies: | |
| • Wind | M. Bezzeccheri |
| • Solar Photovoltaic | I. Wilhelm |
| • Business Development Model | R. Deambrogio |
| • Financial highlights | A. De Paoli |
| • Conclusions | F. Starace |



Green Power

Conclusions

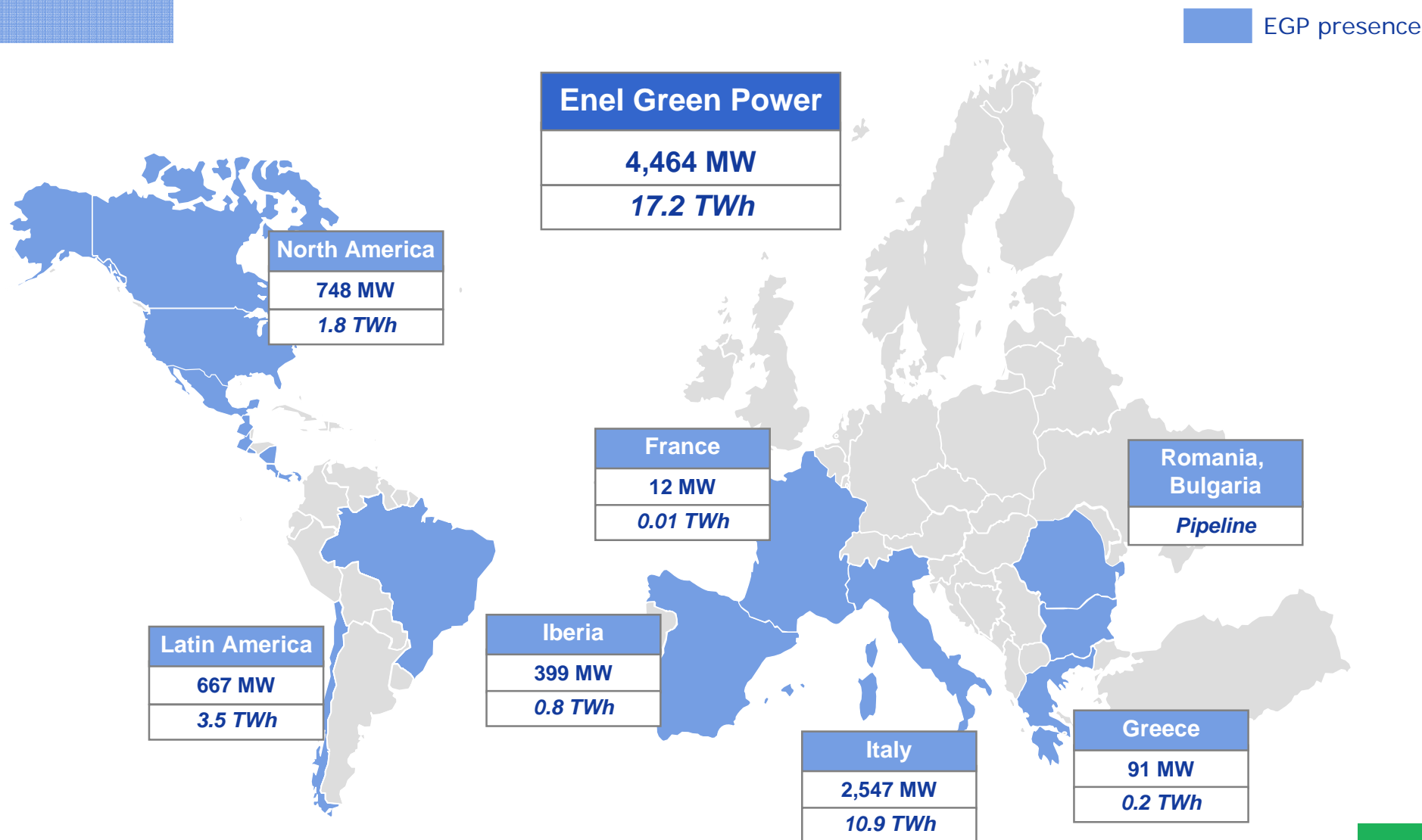
Francesco Starace

Investor Day

Rome - April 22nd, 2009

Enel Green Power: where we are

2008*



* Proforma data

Note: Endesa capacity not included (1,026 MW: 799 MW in Iberia and 227 MW in Latin America)



Enel Green Power: how we want to grow



The industry so far

Technology mix	<ul style="list-style-type: none">• Wind-only portfolio	<ul style="list-style-type: none">• Balanced portfolio of technologies
Geographic presence	<ul style="list-style-type: none">• Polarized presence	<ul style="list-style-type: none">• Diversified presence
Long-term sustainability	<ul style="list-style-type: none">• Heavy dependence on incentive schemes	<ul style="list-style-type: none">• Limited dependence on incentive schemes
Financing	<ul style="list-style-type: none">• Debt	<ul style="list-style-type: none">• Operating cash flows
Key Performance Indicators	<ul style="list-style-type: none">• Growth• MW (Installed capacity)	<ul style="list-style-type: none">• Return on Investment• TWh (Energy production)

A new paradigm for renewables: sustainable and profitable growth



Enel Green Power: our value proposition

Unique portfolio of technologies and geographies

Cash Flow positive since Year 1

Solid pipeline to capture additional growth

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Contact us

Enel Investor Relations Team (investor.relations@enel.com)

Luca Torchia (Head of IR)	+39 06 83053437
Pedro Cañamero	+39 06 83055292
Elisabetta Ghezzi	+39 06 83052708
Donatella Izzo	+39 06 83057449
Federica Todaro	+39 06 83059502
Angela Tretola	+39 06 83052062

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