ACCIONA Energy Global leader in sustainability





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ACCIONA Group

 Leading corporation in the development, promotion and management of infrastructures and services aimed at sustainable development and social well-being

A team of over 35,000 people in 32 countries on 5 continents

A solid economic position: (Data at 31.12.2008)

EBITDA: 2,827 M€ (+100.9%)

Turnover: 12,665 M€ (+59.3%)

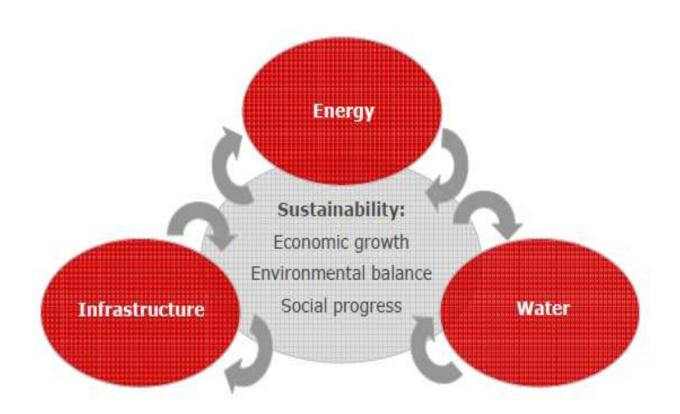
Operating result: 1,678 M€ (+88.6%)

Quoted on major stock indices: IBEX-35, Dow Jones Sustainability
 World Index (DSJI World), Dow Jones Stoxx Sustainability Index



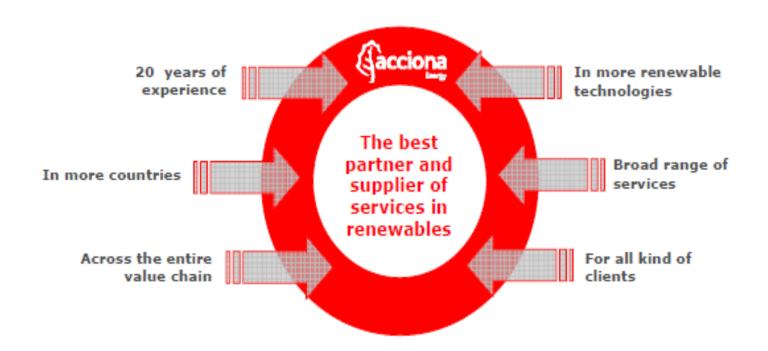
Development and sustainability, key corporate strategies

A business model based on three pillars



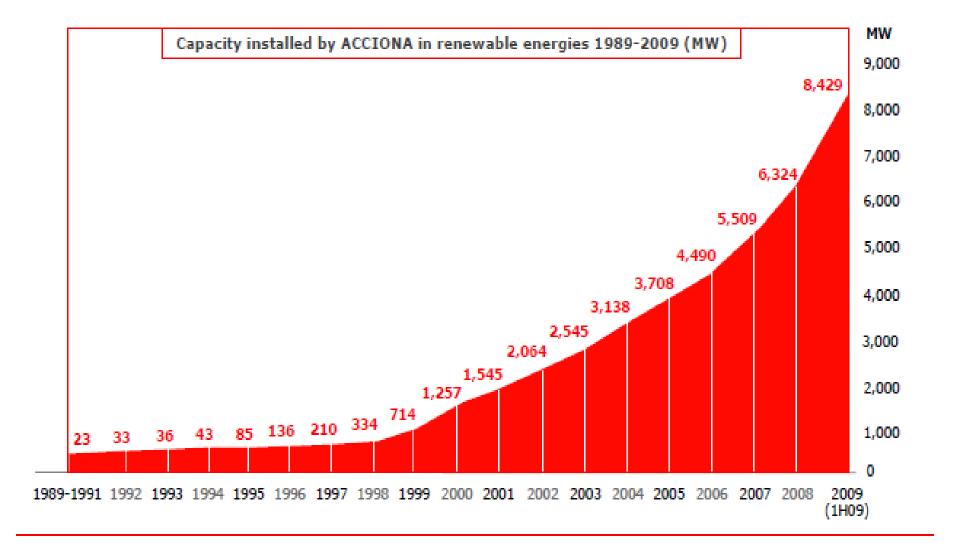


A company with a lot to offer to its clients





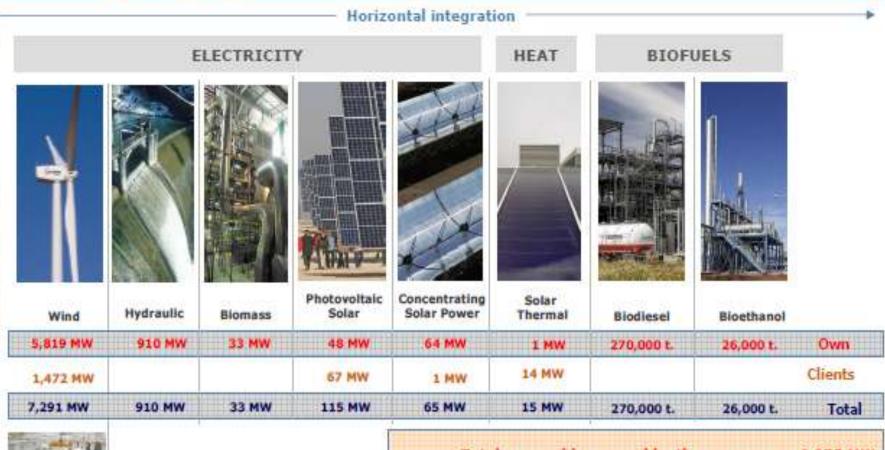
The largest experience in the sector







The only company with leadership in all the most viable renewables



Vertical integration

Wind turbines

Total renewables owned by the company: 6,875 MW

Total installed capacity in renewables: 8,429 MW



Economic Data (31, 12, 2008)

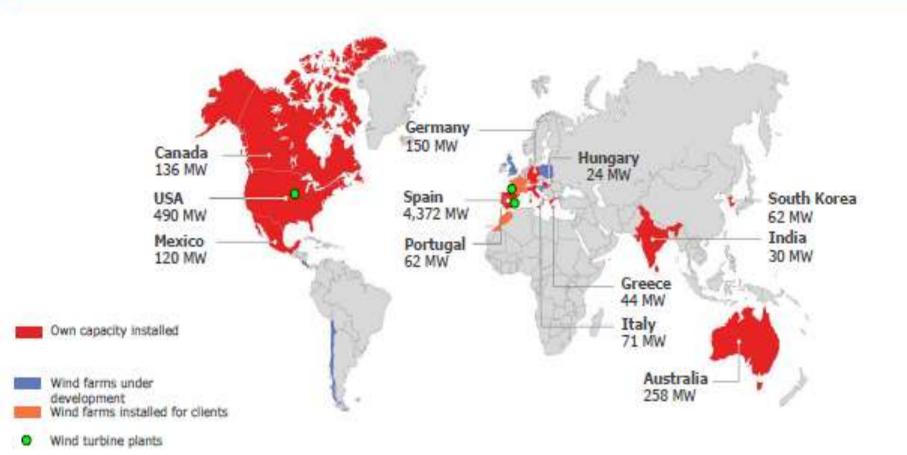
ACCIONA Energy Figures (millions of euros)





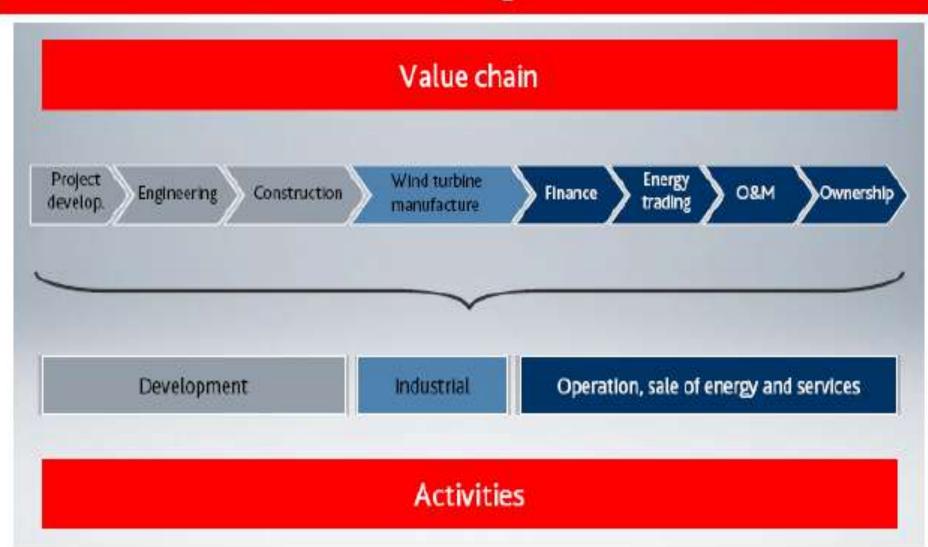


Worldwide wind energy implementation (Data at 30.06.2009) (MW)





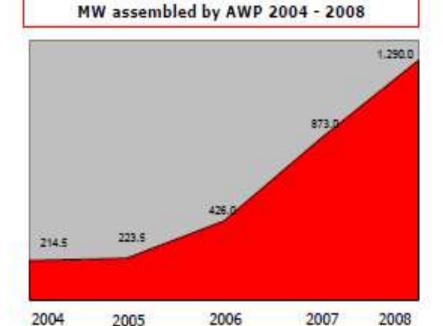
Vertical Integration





ACCIONA Windpower: wind turbines designed in-house

- ACCIONA Windpower designs and produces robust and reliable wind turbines
- Three plants in strategic markets: Spain (2) and USA
- Capacity: 2,025 MW/year
- In the world top 10 in just four years
- Models: 1.5 MW and 3.0 MW
- Blades designed and made with our technology
- · Strategy:
 - Control of the value chain
 - Diversification of supplier risk
 - Design to optimize performance































Concentrating solar power

OPERATIONAL PLANT IN THE UNITED STATES

- Nevada Solar One, near Boulder City (Nevada)
- 64 MW (the biggest built in the world in 18 years)
- 345 acre surface area
- 47.5 linear miles of solar trough collectors
- An investment of 266 million US\$
- Connected to the grid in June 2007
- ACCIONA, the first Spanish company to have an operational plant using this technology

250 MW UNDER DEVELOPMENT IN SPAIN

- Five 50 MW plants in the regions of Extremadura and Andalusia
- Operational: Alvarado (Badajoz) (Since September 2009)
- Under construction: Alvarado (Badajoz), Palma del Río II (Córdoba) and Majadas (Cáceres)
- In development: Palma del Río I and Alvarado II
- Total estimated investment: 1,200 million €

PLANTS FOR CLIENTS. Turnkey projects (Saguaro, Arizona; for APS)











Photovoltaic (PV) solar

THE BIGGEST PV PLANT IN THE WORLD

46 MWp plant operational in Amareleja (Portugal)

- 2,520 Buskil K18 trackers (141 m2 and 21 kWp)
- 262,080 photovoltaic modules
- 620 acres surface area
- Clean electricity for 30,000 homes
- Investment of 261 million €
- Mitsubishi Corp. has taken a 34% stake (March 09)

TOTAL 115 MWp INSTALLED

- 67 MWp for other companies and 48 MWp own
- · 20 plants with a capacity of over 1 MWp
- 18 solar gardens (61.5 MWp) with 3,500 clients who have jointly invested 456 million €
- Development and construction of plants for clients







Biomass in Spain

THREE OPERATIONAL PLANTS (33 MW)

Sangüesa (Navarre): 25 MW

- Operational since 2002
- Converts 160,000 tonnes of straw into 200 GWh/year
- Production equivalent to demand of 60,000 homes

Two 4 MW plants

7 PROJECTS UNDER CONSTRUCTION AND DEVELOPMENT

- 32 MW under construction
- 82 MW in development





Biofuels: Biodiesel and bioethanol plants in Spain

BIODIESEL

- 270,000 tonnes total production capacity
- Plant in the Port of Bilbao: 200,000 t. (at 80%)
- Plant in Caparroso (Navarre): 70,000 t. (at 100%)
- Raw material: First-use vegetable oils
- Homologated quality, European Standard EN-14214

BIOETHANOL (Spain)

- 26,000-tonnes plant in Alcázar de S. Juan (C. Real)
- Raw material: wine surplus alcohol
- 50% owned

ACCIONA BIOFUEL SERVICE STATION

- Pioneer in Spain, with B-30 and E-85 fuel
- Prepared for the future sale of hydrogen

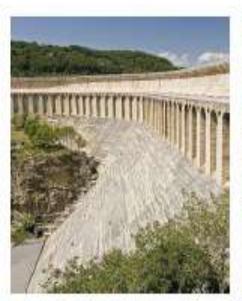






Hydropower in Spain

- ACCIONA-owned installed capacity: 910 MW
 - 78 hydropower stations
 - Wide range of capacities (<1 MW 89 MW)</p>
 - Located in six Spanish regions (mainly in Aragon, Navarre, Catalonia and Cantabria)









Renewable Energies Control Center

- The first in Spain and second in the world per number of facilities operated
- Control over 5,000 wind turbines in over 200 wind parks
- It also supervises facilities in other renewables as well as power substations
- Permanent service -24/7, 365 days



The renewable energies control center at ACCIONA Energy's headquarters



Innovation: A commitment to technology



- Clean hydrogen: produced by electrolysis through wind power
- More efficient wind turbines: improvements in control, grid connection, blades, steel and concrete towers, offshore application
- Quality biofuels: new energy crops, research into raw materials, field tests, 2nd generation and Algae.
- Offshore wind: technology to develop feasible deep-water wind projects and possible integration with other marine renewable.



- Electric Car: technology to develop Grid2Grid and electric refueling stations
- Solar PV: Developing and testing new modules, controls and storage systems.
- CSP: Developing technology for thermal storage and reducing overal Balance of Plant Cost. New processes.



Location

- Acciona's 1st landmark project in Korea (2009)
- Located at YeongYang & YeongDuk Counties in the eastern part of Korea.





Project Overview

Acciona's 1st Korean wind farm with 2nd largest generation capacity (with grid connection)
in Korea

· Capacity: 61.5MW

(1.5MW x 41 turbines)

WTGs: AW-77 GLTI

Tower: DongKuk S&C

Developer : Acciona Energy Korea

SPC: YYWPC

· Constructor : DongKuk (Civil)

Hyosung (Electric)

Construction Period : Sep 2007 - Dec 2009

Transmission Line: 154KV

Currently finalizing civil works















Wind Power Generation Training Course

YYWF provides O/M training course 2 times every year(3 weeks)

- About 150 trainee
- General study for wind power
- Gereral training, Safety & Equipments Training, On-the-spot Study, Evaluation, etc.

1st Training course (Oct. 2008)

- Venue: Andong GeonDong Univ.
- 34 persons

2nd Training course (May 2009)

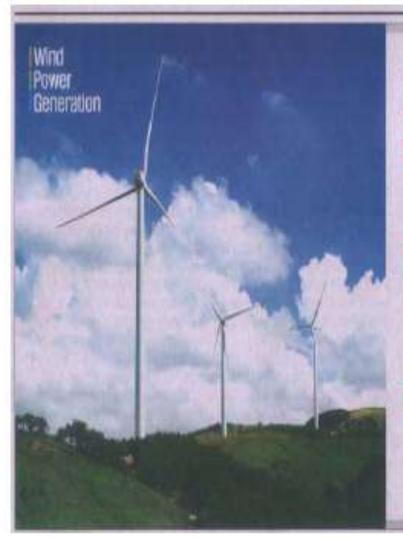
- Venue: YeongYang Assembly Hall
- 47 persons
- 3rd Training course (Nov. 2009)
 - Venue: YeongDuk Renewable Energy Exhibition Center
 - 35 persons







Acciona Energy Korea



2009년도 상반기 〈Acciona Energy 풍력발전일반 기술교육〉 참가자 모집

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24 Hours Maintenance System

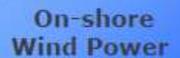
 Adopts 24 hours Maintenance through On Call System for night time emergency along with Preventive and Corrective Maintenance Activities on day time





Acciona aims to be Top-Class Renewable Energy Enterprise in Korea

 With sustainable business spheres on on-shore, will proceed to off-shore, and other promising renewable business areas.



400MW Capacity by 2013 Strategic & Financial cooperation with investors

Off-shore Wind Power

Project Development Strategic Alliance with potential players Top-Class
Renewable Energy Enterprise
in Korea

Other Renewable Businesses

Solar, Water, Bio Business Overseas-projects



Future Wind Projects: overview

- Basic surveys have been performed for new projects with more than 700MW potential capacity
- Capacity expected to rise up to 250MW (400MW including under construction) by 2013 that will cost approx. KRW 1 trillion (USD 800 million)

2010 2011 2012 2013 YY I (61.5MW) YY II (34.5MW) Constructed by 2012 (70MW) Constructed by 2013 Total Capacity to be developed (90MW) by 2013 : 250MW (will have constructed) : 400MW (Including those under Under Construction construction) (150MW)



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