ABENGOA

IV Annual Analyst and Investor Day

October 22nd - 23rd, 2008

ABENGOA SOLAR



"Sunny Days Ahead"

Solar

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1 Vision

2 Overview of Abengoa Solar today

3 Plan going forward

- Solar Power will be big and global
- Value creation will happen in several steps of the value chain
- Technology is important in every step of the value chain
- It is unclear which technologies will win but it is clear that several will coexist to serve different needs



The Solar Power Company, global, based on technology and certain degree of vertical integration

A sector under a profound transformation

2 years ago

From local...

- ✓ Germany
- ✓ Japan
- ✓ Spain

Today

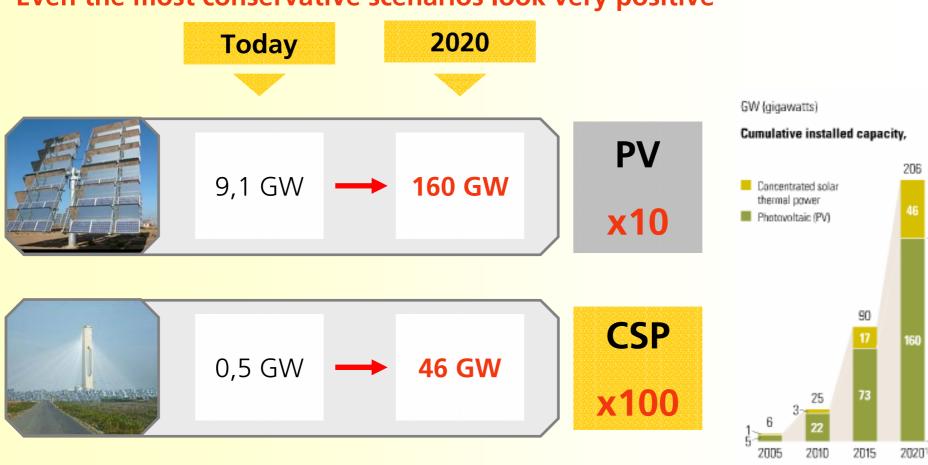
...to global



Installed capacity

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Even the most conservative scenarios look very positive

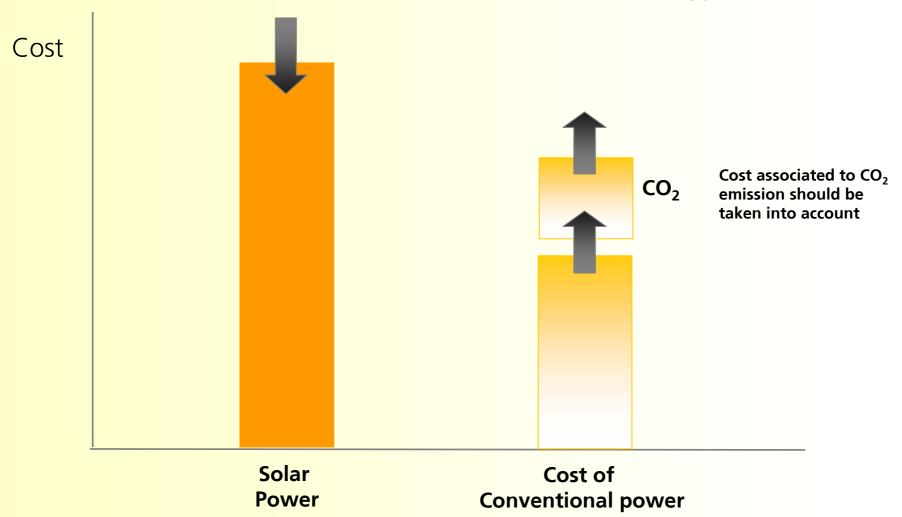


Sources: Lorenz, P.; Pinner, D. & Seitz, T. (2008). "The economics of Solar Power". The Mckinsey quarterly - Energy, resources, materials

Solar Power has great potential for cost reduction

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Solar will soon be competitive to conventional energy





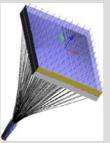
Value can be created in different steps of the value chain Technology is important in several steps of the value chain



<u></u>















CSP















Value chain

It is unclear which technologies will win





A few different solutions for different needs

The Solar Power Company, global, based on technology and a certain degree of vertical integration

The Solar Power Company



CSP and PV in several forms with different degrees of focus and time horizon

Global



From Spain to the (sunny) world, but carefully

Based on technology



World class R&D team and program
Highly experienced team in technical areas and development

· Certain degree of integration



Increase by leveraging in house capabilities

Solar

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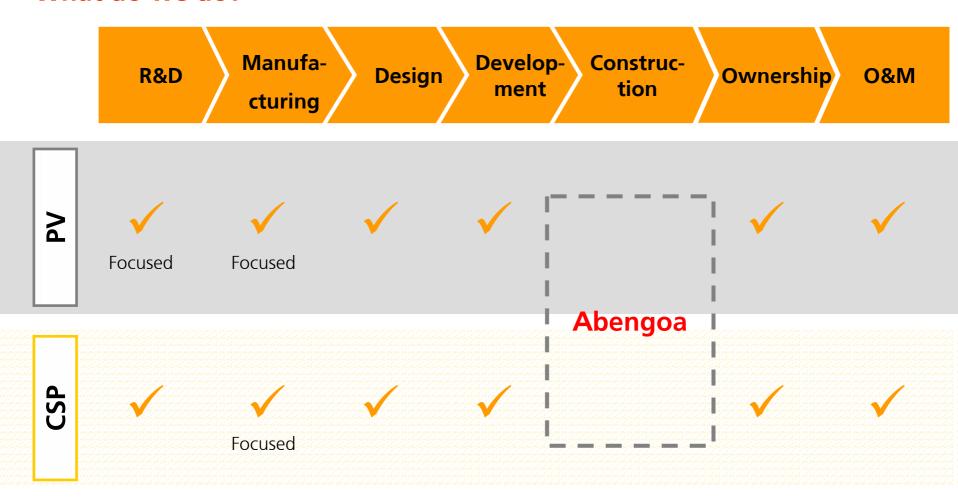
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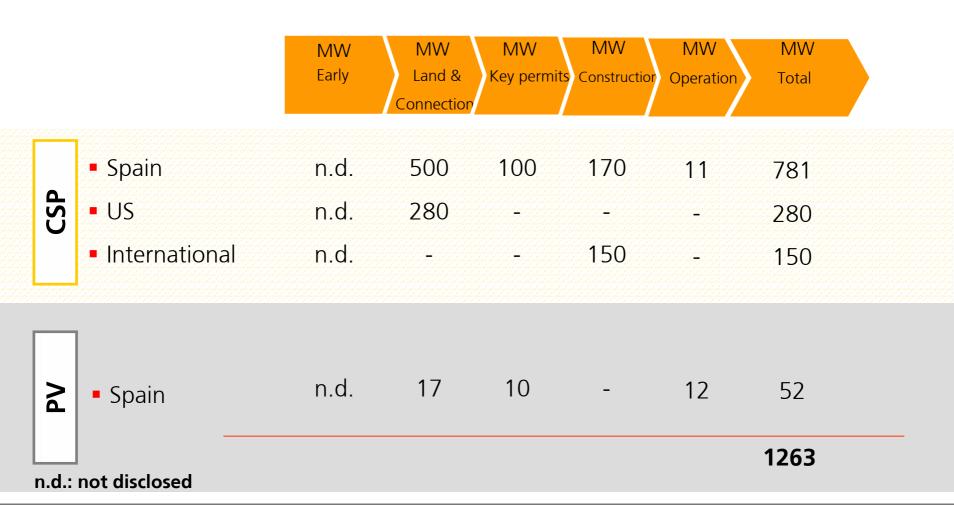
3 Plan going forward



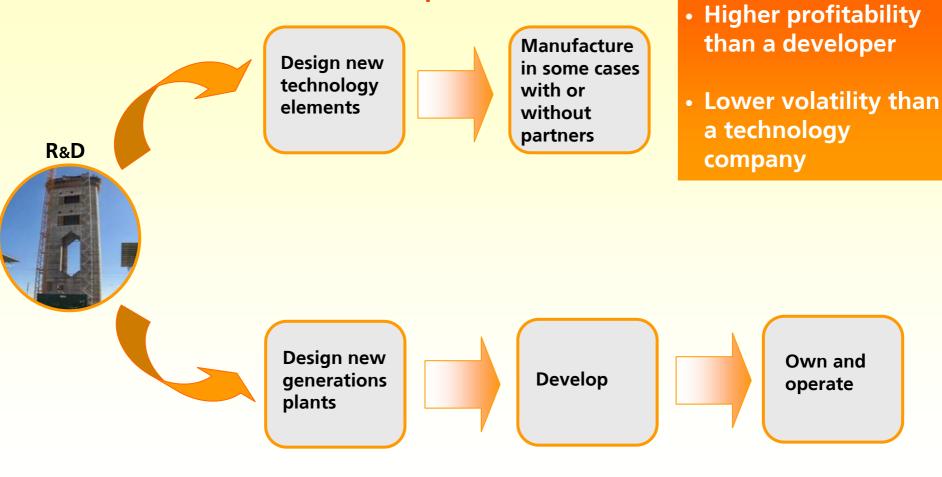
What do we do?



Yes, we are a developer...



... but much more than a developer



Abengoa is committed to technology through our enormous R&D effort

CSP + Selected areas of PV

- 60 researchers
- Seville, Madrid, Denver
- Cenit (Spain)
- DoE (5 projects)
- European Union
- Demonstration plants





Broad in CSP, focused in PV

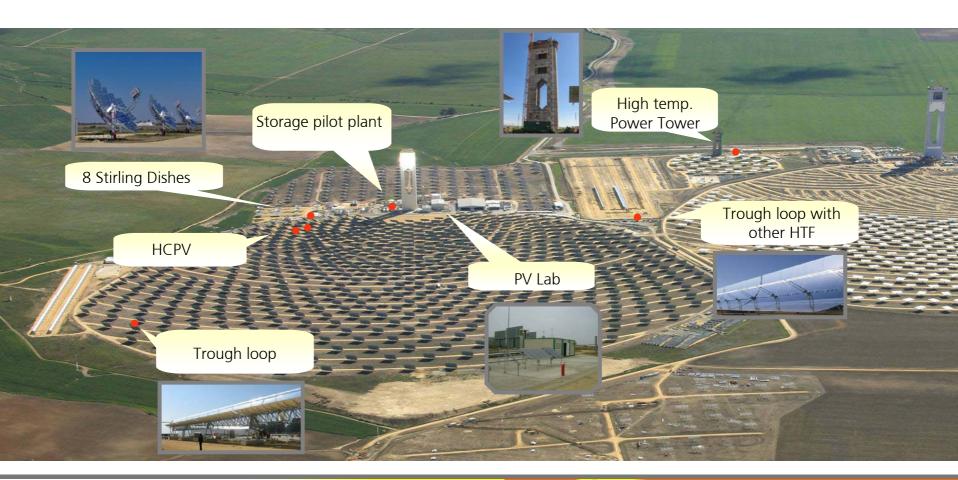
CSP

- 1. Better, more eficient, lower cost troughs
- 2. The tower of the future
- 3. Intelligence: other technologies
- 4. Storage

PV

- 1. CPV
- 2. Thin film
- Best technology for each need (PV Lab)

Acquired knowledge in all technology to bet for the best options



Partnering with the best globally

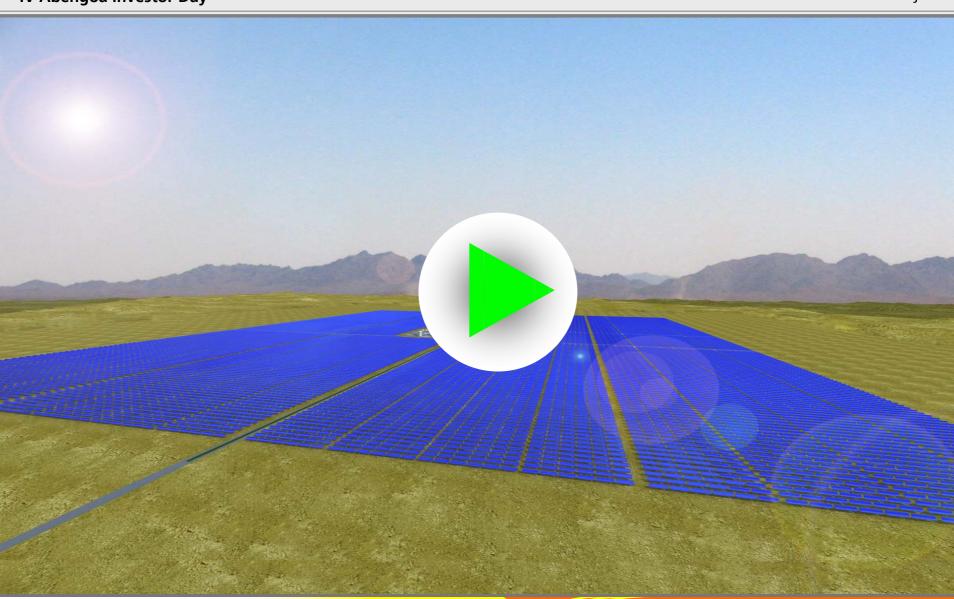
	Program	Time frame	Partners
1	Consolida (Cenit)	08-11	Ciemat
2	DoE program (5 projects)	08-11	DoE, NREL
3	Solugas	08-10	EU, DLR
4	CPV	07-10	Several

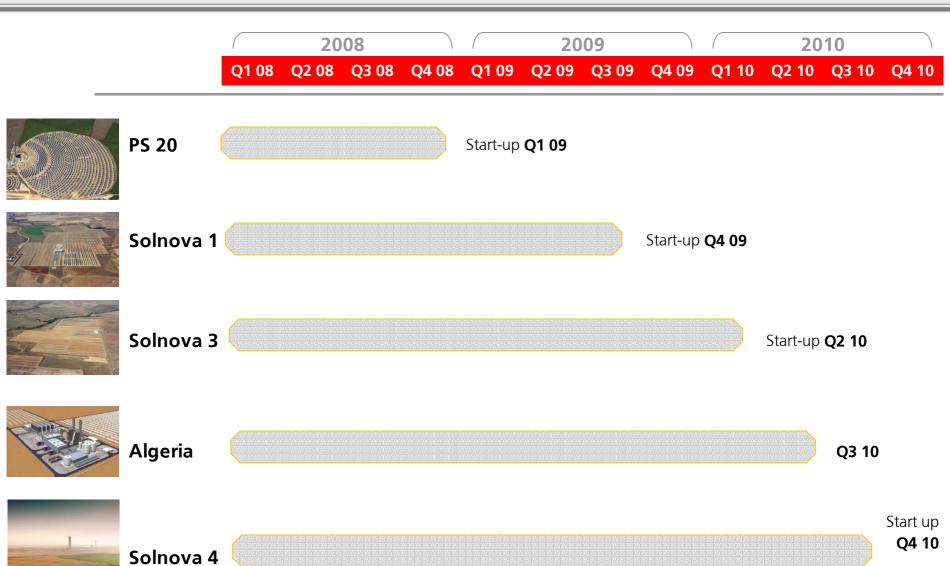






Video Solana Project



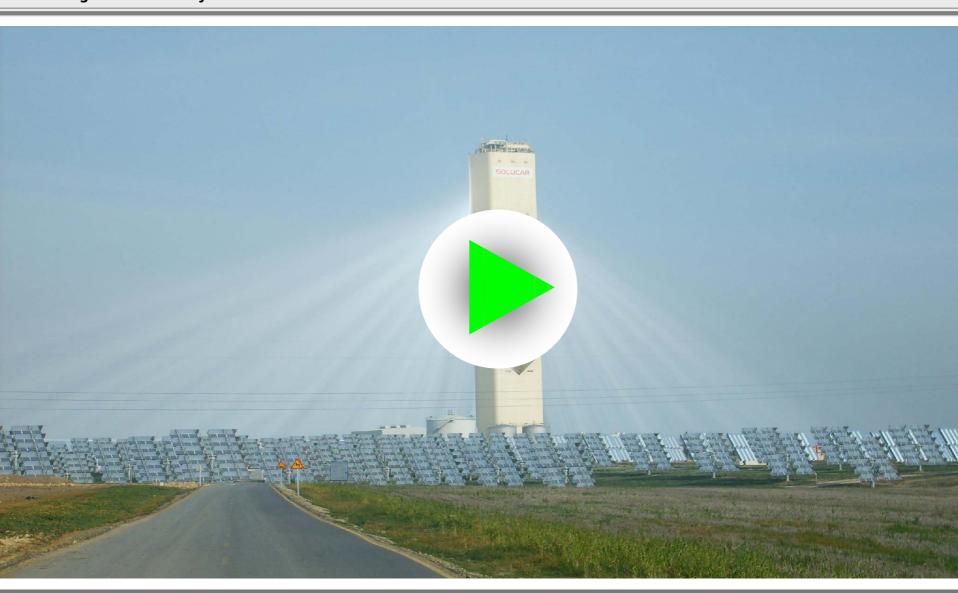


CSP

Experience operating towers and troughs



Video PS10





PV

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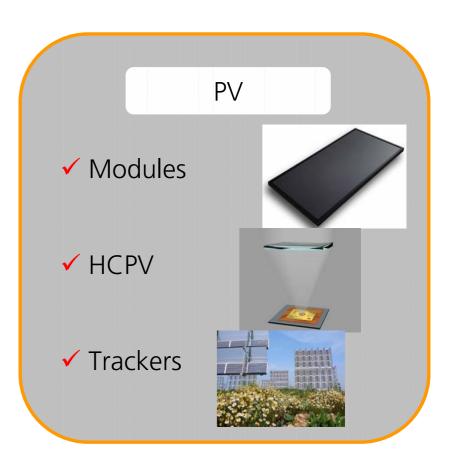






Casaquemada (1,8MW)







Energy sales	3,2 M€
Technology sales	22,6 M€
Developer	14,1 M€
Agregated sales	39,9 M€
Eliminations	(22,8) M€
Consolidated sales	17,1 M€
Gross cash flow	12,4 M€
EBITDA	2,5 M€



Solar

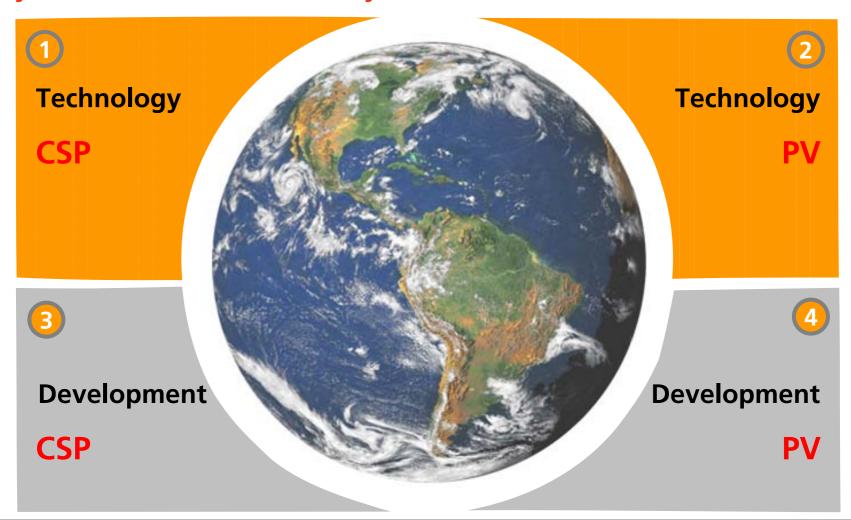
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If you believe in Solar Power, you believe in us



Working to decrease costs and to offer storage

Parabolic Trough

- ✓ Costs
- ✓ † Efficiency



Power Tower

- ✓ ↓ Costs, mature the technology
- ✓ Efficiency



Storage

- ✓ Make it commercial
- ✓ Other materials (concrete, ceramics, ...)



Cenit (2x million euro in Spain and DoE contracts in US)

Working to find new concepts more efficient and cost effective





PV laboratory

- ✓ Assesment of current technology
- ✓ Development of new concepts



Partnerships with best

✓ Concentrix Iberia



NREL, University of Rochester, University of Merced (CPV Dedalos Project), ...

From Spain to the world



- Strong pipeline
- More countries introducing regulation or ad-hoc projects
- Strong international presence and access in key geographies

Risk **Mitigation** Regulation Diversification Technology • R&D program Access to financial Diversification markets

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