



Soitec

Innover pour sauver le climat

June, 2014



The new equation

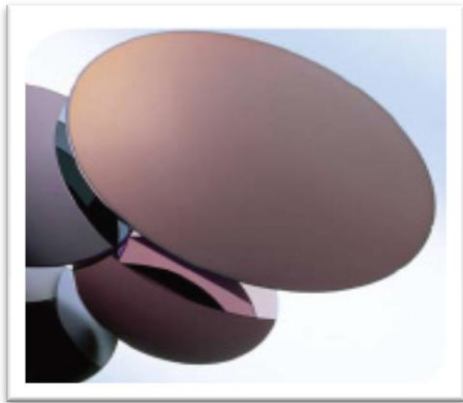
Electronics and energy industries must answer different needs:

- ✓ Higher **performance**
- ✓ Higher **energy efficiency**
- ✓ Lower **environmental impact**



Soitec's commitment

Use our expertise in semiconductor materials to serve three markets



Electronics



Solar Energy



Lighting

10 milestones in the company history



1992

A start-up is founded
to produce silicon on
insulator
(SOI)



1997

From lab to fab:
licence agreement with SEH
on the Smart Cut™
technology



1999

Initial IPO
First production unit:
Bernin I



2002

Bernin II
is inaugurated



2003

Picogiga is acquired:
new expertise in
technologies for
composite materials



2006

Tracit is acquired:
new applications for the
Smart Cut™ technology



2008

**Inauguration of
the Singapor
factory:**
production in Asia



2009

**Soitec enters the solar
energy market:**
acquisition of Concentrix



2011

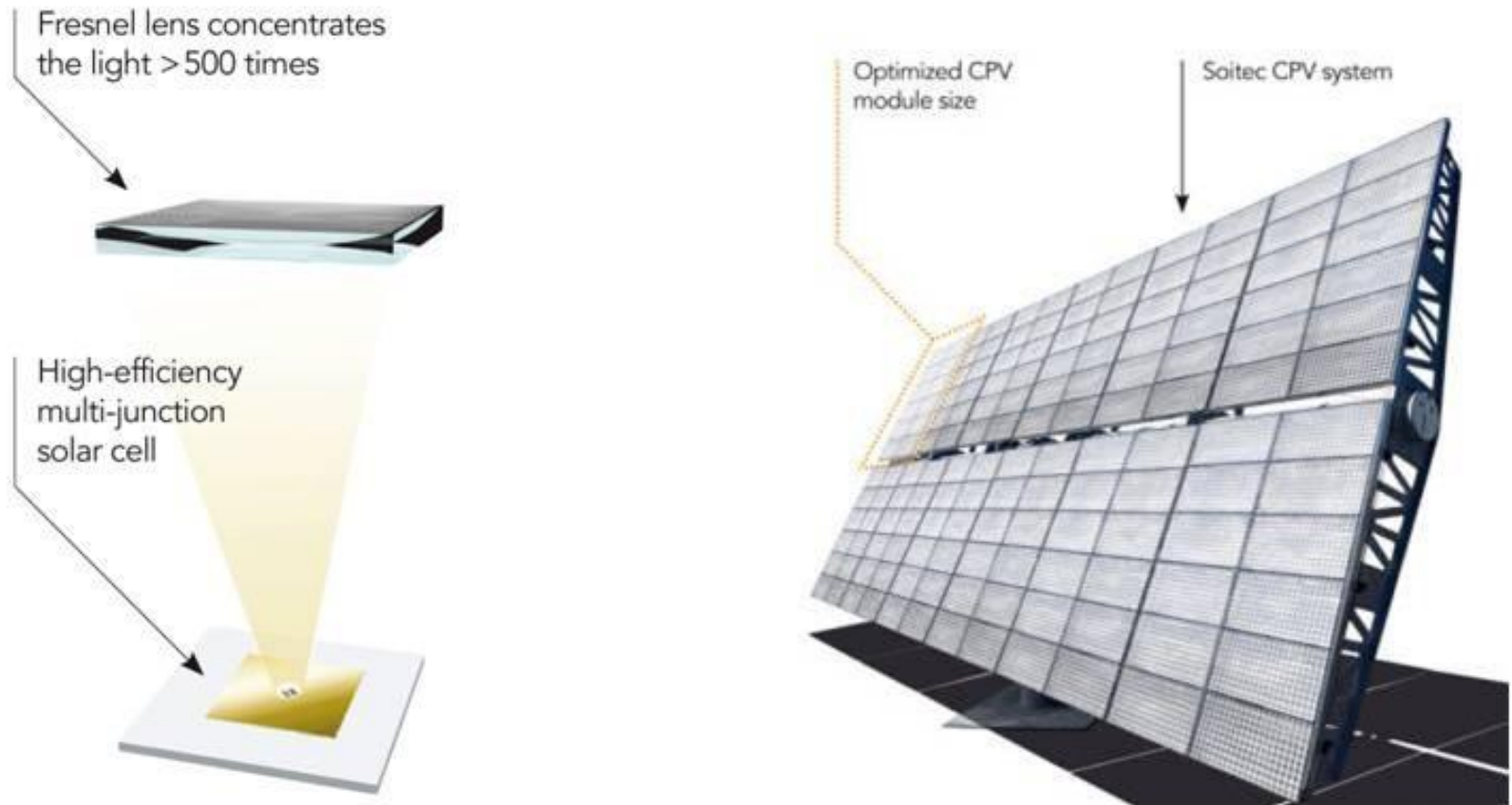
**Acquisition of Altatech
Semiconductor**



2012

**San Diego solar
modules factory
grand opening**

Our CPV technology

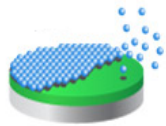


Modules efficiency: 31.8%
(twice the efficiency of standard photovoltaic technologies)

Soitec develops an highly efficient multi-junction solar cell: the Smart Cell™

Technology

Epitaxy expertise



Smart Cut™ technology



Smart Stacking™ technology



Advantages

→ Allows creation of high-performance materials

→ Helps to transfer ultra-thin layers

→ Enables stacking of multiple layers

50% cell efficiency targeted



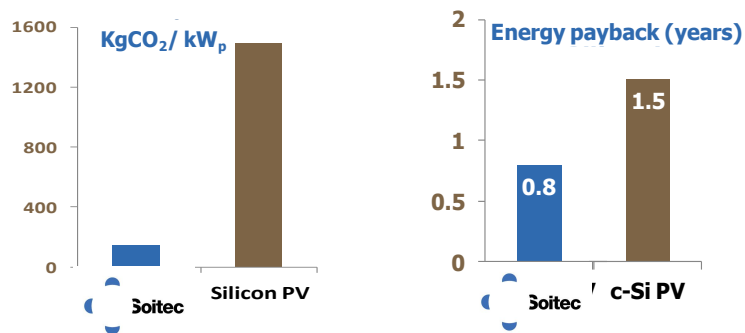
Smart Cell™

In Sept. 2013, Soitec and its partners' research teams announced a **world record solar cell achieving a 44.7% conversion of solar energy**

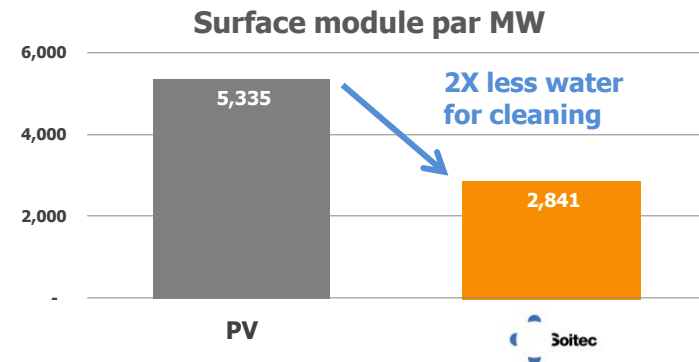
→ With the Smart Cell™, Soitec targets 50% cell efficiency, benefiting from its semiconductor expertise which fosters solar cell development

Une technologie au très faible impact environnemental

Faibles émissions de CO₂



Faible consommation d'eau



Faible emprise au sol



Double usage des sols





Thank you!