

SUN & WIND ENERGY

WORLD MAP 2010
Solar cell and module producers



PHOTOVOLTAICS

Mass production and vertical integration

PHOTOVOLTAICS

New cell concept for more efficiency

SOLAR THERMAL

The right formula for solar fluids

WIND ENERGY

Market report: Germany

EU PVSEC: Adiós Valencia

The photovoltaic conference in Valencia should have been one big celebration, seeing as this year parts of southern Europe achieved grid parity for the first time ever. But instead, the trade fair will be remembered by exhibitors predominantly on account of its poor organisation and numerous slip ups. The event organiser WIP has already accepted responsibility for the debacle and will not be returning to the Valencia exhibition grounds again.

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Photo: Wilhelm Breuer

PV World Map 2010: The battle for supremacy

This year's S&WE world map shows nearly 500 production sites for solar cells and modules worldwide. While the manufacturers of solar cells and crystalline modules are already following a clear path in direction of mass production, the thin-film producers have to deal with dropping silicon prices and the lower levels of efficiency. CI(G)S technology could soon become a serious competition for the successful CdTe modules.

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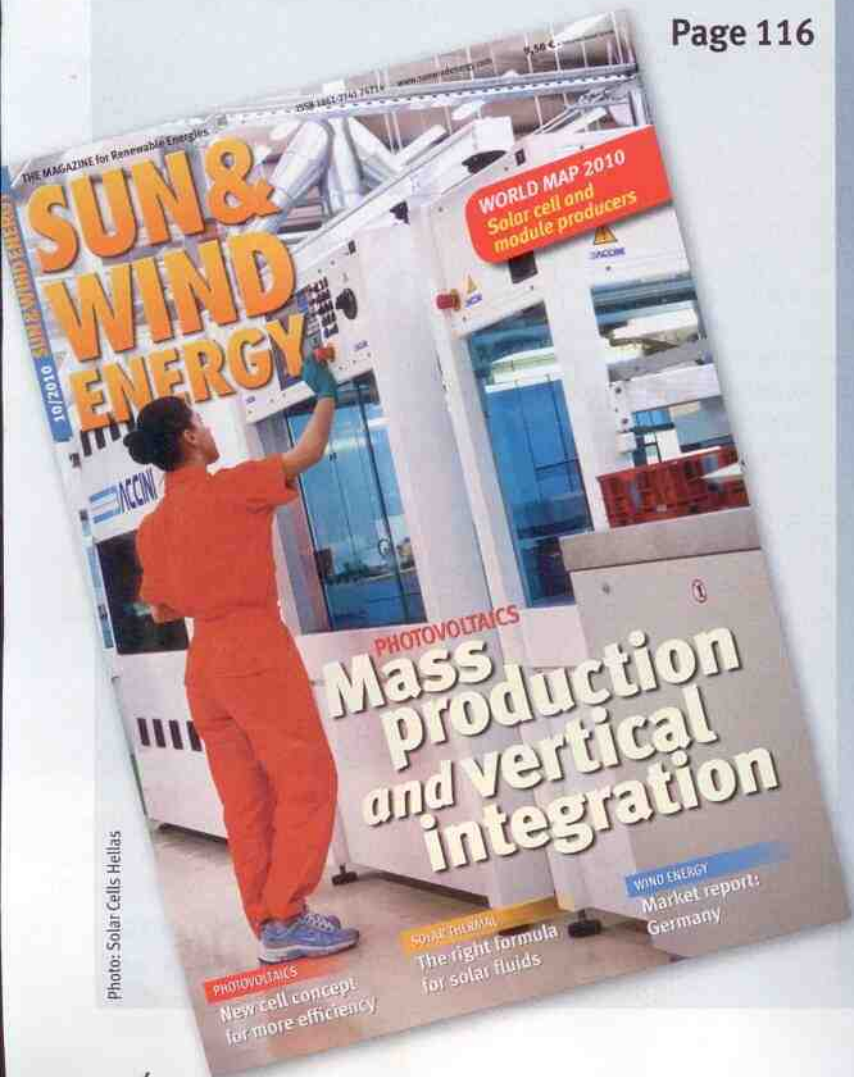


Photo: Solar Cells Hellas

Photo: Bärbel Epp



Solar thermal market in the US: The second big chance

Despite a very good financial support policy in several states, the US-American market is growing slower than expected. The difficult economic situation is one crucial factor in market growth lagging behind expectations, albeit not the only one: cheap energy prices causing long pay back times are another. The three states of Hawaii, California and New York compete for the lead in solar thermal support policies, which takes each of them on a very different path.

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SOLAR CELLS HELLAS GROUP

Greece Solar Cells Hellas Group operates the first vertically integrated multicrystalline Si PV industry in Greece and in the wider area of Southeastern Europe. The investment amounts to 120 million Euros while the annual production capacity of wafers, cells and modules reaches 80MWp. The production premises of 14000 m² both located within the Industrial Zone of Patras, host state-of-the-art equipment, ensuring production of high quality standards and competitive prices. In addition, Solar Cells Hellas Group provides integrated services for the installation of PV systems and energy saving solutions.

With a lifetime exceeding 30 years, there is nothing to concern you.

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Reliable solutions for secured investments

80MWp Vertically Integrated Production Unit of Multicrystalline Si PV

Production Facility:
 Industrial Area of Patras
 Ag. Stefanos, Block 31A
 25200 Achaia,
 GREECE
 Tel: +30 2610 241970
 Fax: +30 2610 241958

Head Offices:
 Sygrou Ave. 170
 17671, Athens
 GREECE
 Tel: +30 210 959 5159
 Fax: +30 210 953 7618
 web: www.schellas.gr
 e-mail: info@schellas.gr