

SUN & WIND ENERGY



CSP World Map of power plants:
The first gigawatt!

HERMAL

concepts
stations

OLTAICS

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ERGY

manufacturers
dical change

from 8%
to 30%

ables in the USA

Concentrator PV ready for take-off?

Currently, the world records for cell efficiency are being broken almost on a monthly basis. The PV capacity installed worldwide surpassed the 20 MW mark by the end of 2010. More and more companies report production capacities of 30 MW per year and more. What part can concentrator technology play in this situation?

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Photo: Fraunhofer ISE / Thomas Ernsing

Renewables in the USA: from 8 to 80 %

In 2010, the investments into PV, wind and biomass systems had arrived at US\$ 34 billion in the United States – an increase by 51 %. However, the driving force behind the development was not the policy-makers in Washington but initiatives on the state level.

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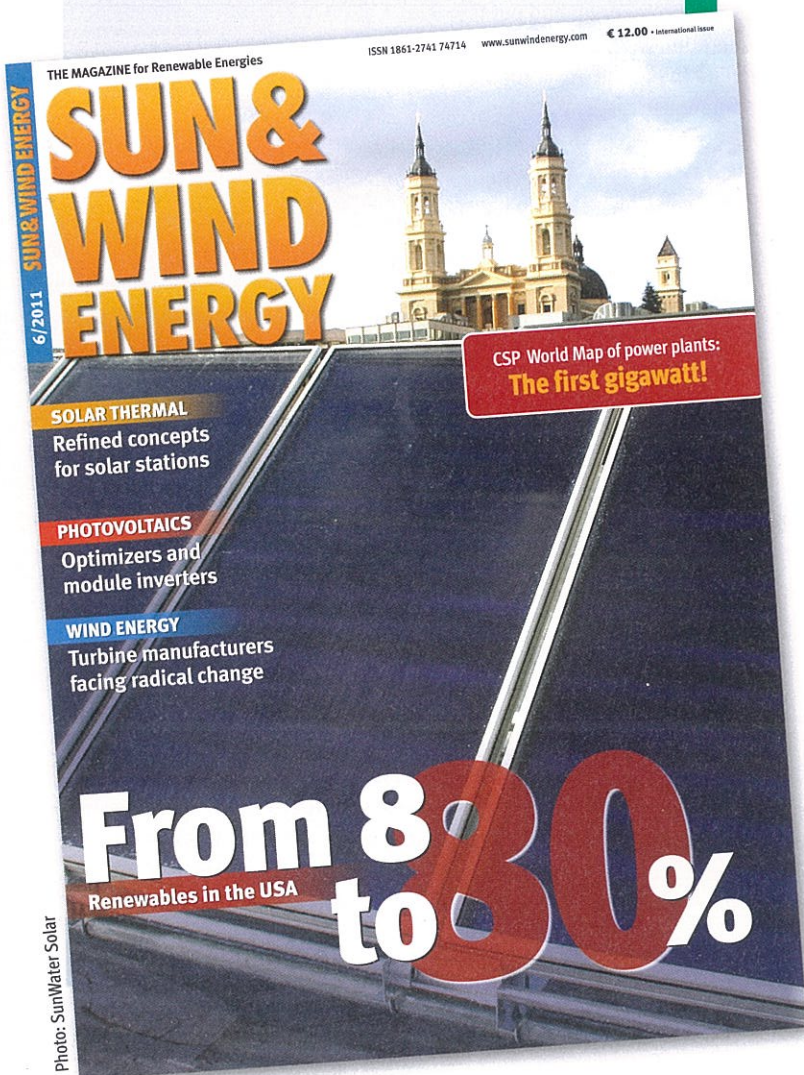


Photo: SunWater Solar

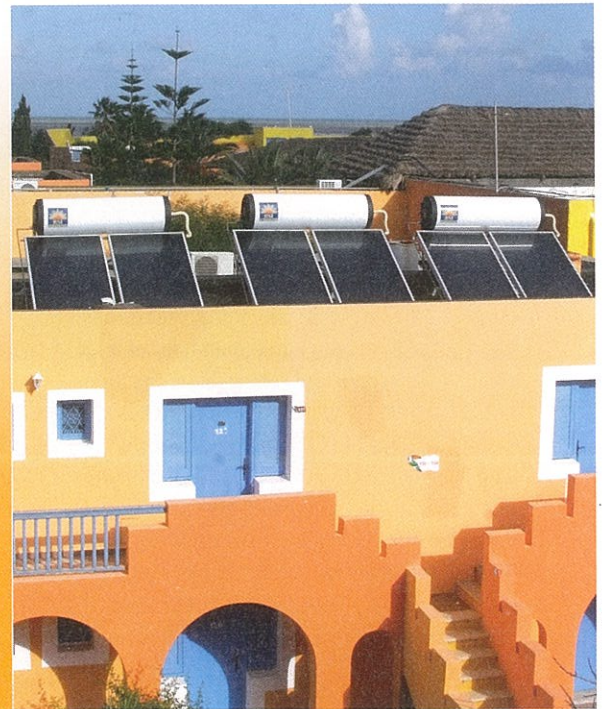


Photo: Biome

Algeria – Morocco – Tunisia: three different pathways to solar energy

The three neighbouring North African countries Tunisia, Morocco and Algeria have certainly one thing in common: they are among the sunniest countries in the world. However, all three nations chose various ways when developing their solar water heating market.

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New feed-in tariffs in Italy: emotional roller-coaster

While the dominating theme during Energethica, which took place at the beginning of April this year, was the unclear future of the Italian incentive scheme, Solarexpo sent a wave of relief through the ranks at the beginning of May when the Italian government announced the new feed-in tariff rates on the second day.

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Photo: Conergy



Photo: Torsten Thomas

Wind energy market UK: struggle for acceptance

The British offshore industry is in the focus of the public eye. Meanwhile, land-based wind farms struggle with day-to-day problems. While numerous large projects are under construction at sea, on land there is little to get excited about.

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 = manufacturing technology feature



Photo: Claudia Hilgers

Short-rotation plantations in Ireland: "Growing wood in a hurry"

A Northern Irish farmer has developed a new business model for short-rotation willow plantations. It combines fuel production, sewage treatment and regenerative heat generation and offers farmers a new source of income and the chance to contribute to climate protection.

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