

SUN & WIND ENERGY

Focus on solar industry in Turkey



SOLAR THERMAL

Pros and cons of pre-packaged systems

PHOTOVOLTAICS

Functional coatings for solar glass

SOLAR ENERGY

Israel – new chances for investors



California's WIND ENERGY comeback



Photo: Eziny

Focus on Turkey: solar thermal in the lead, photovoltaics catching up

In the sector of solar thermal Turkey is already one of the world's leading countries. Currently it has a lot of work to do, like improving the quality of installations and systems on the domestic market. In the sector of PV the Turkish industry still awaits new legislation. While it waits, the industry is gearing up for the big launch.

Pages 68,134

A question of political will

There is no shortage of suitable roofs and façades, but there are still few building-integrated PV systems being installed. Higher grid input payments and clever industry strategies could bring the turnaround.

Page 106

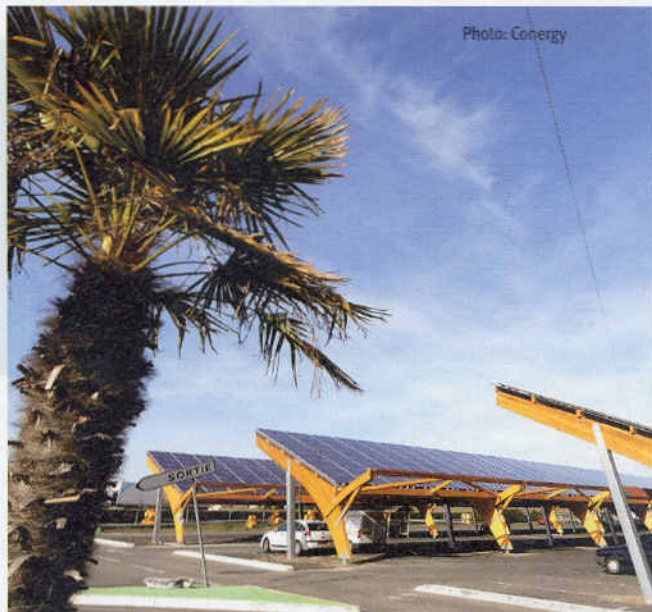


Photo: Conergy

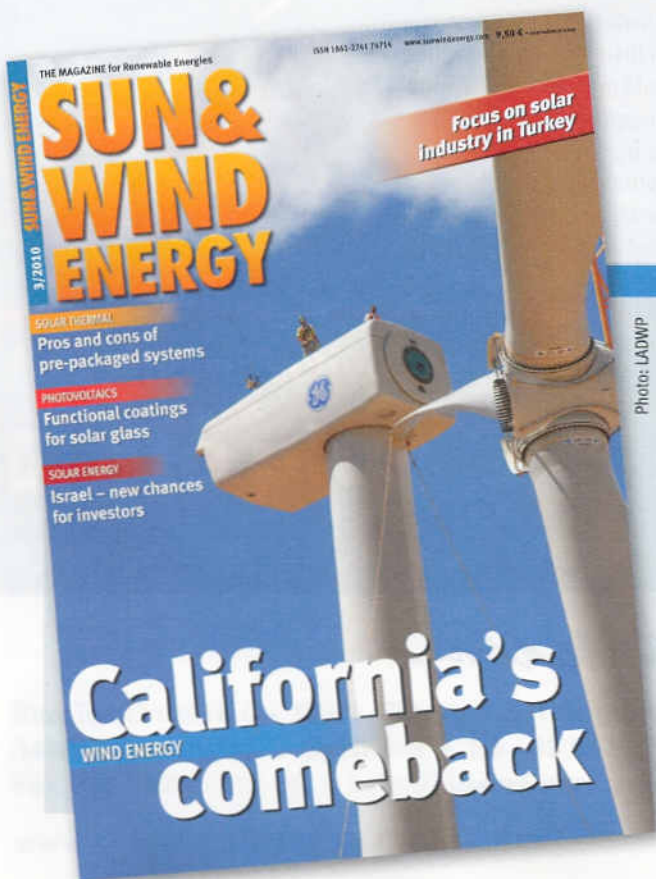


Photo: LADWP

Climbing back to the top

California – the top wind producer in the US since the 1980s lost its lead in 2008 in the face of intense competition from other states. But backed by strong financial and political support from the government, California's wind energy sector is slowly making a comeback.

Page 166



Pre-packaged systems: all on one pallet

Pre-packaged systems are an important element of the international solar thermal market – and their significance is increasing constantly.

Page 52



Photo: Europressdienst

Extreme climate: a blessing and a curse

While the commercial and banking centre Dubai finds itself dealing with the aftermath of the economic crisis, the conservative neighbour Abu Dhabi is already pursuing ambitious targets – but the climate conditions in the desert states are not always ideal for the utilization of renewable energies.

Page 42

REVIEW

- 6 International news
- 18 World Future Energy Summit in Abu Dhabi
- 20 "PV Power Plants 2010 – EU" in Prague
- 24 RHC platform: interview with G. Striy-Hipp
- 26 Climate policy in the US
- 28 RETECH 2010 in Washington
- 31 Monier group is expanding worldwide
- 32 Wind energy in Greece: interview with Alexandra Kerner-Alexandratou
- 36 Survey on social commitment
- 40 Incentive schemes worldwide
- 184 International fairs

COUNTRY SPECIAL

- 42 UAE: ambitious targets – extreme climate

SOLAR ARCHITECTURE

- 46 New urban design concepts

SOLAR THERMAL

- 52 Pre-packaged systems: all on one pallet
- 68 Turkey is yearning for Europe
- 80 Professional marketing in Turkey
- 84 Interview: C. Laughton, Solar Design Company
- 88 Pioneers at work in Russia
- 92 Large-scale drain-back systems
- 97 Solar thermal products

CSP

- 98 Hybrid power plants: biomass meets CSP

SOLAR ENERGY

- 102 Israel: lights of change are on green

PHOTOVOLTAICS

- 106 BIPV promotion: a question of political will
- 114 BIPV mass market in sight
- 120 Solar glass: a battle for profitability
- 130 Ultrapure water: an important resource
- 134 PV in Turkey: ready for take off
- 140 Installers in the US face changing market
- 144 PV parks: the next big thing in India
- 148 Roth & Rau: from research to mass production
- 152 PV products

WIND ENERGY

- 154 EWE 2010: premiere in Warsaw
- 158 Long blades for low wind
- 162 Offshore UK: great ambitions
- 166 California: climbing back to the top
- 170 Radar mitigation technology
- 172 Turbine manufacturing at Vensys

BIOENERGY

- 176 Biomass is in vogue in India
- 180 CDM projects: calculating costs and risks

DEPARTMENT

- 187 Directory
- 194 Preview and imprint


 = manufacturing technology feature



Photo: Clevergen

Biomass is in vogue in India

Bio seems to be the buzzword when experts in India talk about the country's future energy supply. India's government wants to put more emphasis on biomass and the industry shows increasing interest.

Page 176