

## NCPV Hotline — Week of April 1-3, 2009

### Weekly News Items

Some of the following news items are available as Adobe Acrobat PDFs. [Download Adobe Reader](#).

The National Center for Photovoltaics (NCPV), the National Renewable Energy Laboratory's (NREL's) center for PV research maintains an international communications system called the NCPV Hotline. The Hotline increases knowledge and awareness of PV industry and research happenings. Hotline participants receive important news items via email related to PV activities around the world. The contents have been relatively uncensored, because we depend on the good judgment of the contributors to separate fact from rumor.

#### (Links may expire)

Current and archived NCPV Hotline issues <link to [http://www.nrel.gov/pv/news\\_hotline.html](http://www.nrel.gov/pv/news_hotline.html)>

Disclaimer <link to [http://www.nrel.gov/pv/hotline/news\\_hotline\\_disclaimer.html](http://www.nrel.gov/pv/hotline/news_hotline_disclaimer.html)>

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#### 4-1-09 BP Solar Refocusing

BP Solar announced plans to refocus its manufacturing activities globally, and to reduce its unit costs by 25% by the end of 2010. Module assembly at Frederick, Maryland will be phased out, and silicon casting, wafering, sizing and solar cell production will continue. The company also announced the closure of its cell manufacture and module assembly facilities in Madrid, Spain. See more on these developments in the BP press at: <http://www.bp.com/genericarticle.do?categoryId=4705&contentId=7052166> or <http://tinyurl.com/ct5pvr>  
<http://www.bp.com/genericarticle.do?categoryId=2012968&contentId=7052153> or <http://tinyurl.com/co6qfb>

Solarbuzz: <http://www.solarbuzz.com/News/Corporate.asp>

#### 4-1-09 SYSTAIC Annual Report and Update

SYSTAIC published its annual report for 2008 and provided an update.

Press at: <http://tinyurl.com/djzgeh>

SYSTAIC: <http://www.systaic.com/>

#### 4-1-09 Spire Corporation Results

Spire Corporation reported results for the fourth quarter and year-end 2008.

Press at: <http://tinyurl.com/c5pro4> <http://tinyurl.com/cvn44n>

Spire Corporation: <http://tinyurl.com/c5g8pv> <http://www.spirecorp.com/index.php>

#### 4-1-09 Premier Power Renewable Energy Results

Premier Power Renewable Energy announced financial results for the fiscal year and fourth quarter ended 31 December.

Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsNACO911.htm>

RenewableEnergyWorld: <http://tinyurl.com/dm3kx7>

Premier Power: <http://www.premierpower.com/>

#### 4-1-09 SunPower PV Systems for JCPenney Stores, New Jersey

J.C. Penney, Integrys Energy Services, Inc., and SunPower Corporation inaugurated SunPower installations on 5 JCPenney stores in New Jersey totaling about 2 MW. Each system is owned and operated by Integrys Energy Services, Inc., a wholly owned subsidiary of Integrys Energy Group, under a SunPower Access(TM) power purchase agreement.

Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR1451.htm>

SunPower: <http://www.sunpowercorp.com/>

Integrys Energy Services: <http://www.integrysenergy.com/>

#### **4-1-09 White Owl Capital AG Acquisition of 1.7-MW Solar Park**

Berlin-based White Owl Capital AG bought a 1.7-MW solar power park about 350 km southwest of Madrid, Spain that was put into operation in September 2008. IBC Solar supplied the project with 7,680 multicrystalline modules with cells from Q-Cells, and built the turnkey plant. SMA supplied the inverters.

Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsEUPR590.htm>

White Owl Capital: <http://www.whiteowl.de/>

IBC Solar: <http://www.ibc-solar.de/home+M52087573ab0.html>

Q-Cells: <http://www.q-cells.com/en/index.html>

SMA: <http://www.sma.de/en.html>

#### **4-1-09 One Block Off the Grid Expansion**

One Block Off the Grid is taking the first step towards national expansion with the launch of its community program in Los Angeles. 1BOG launched its first community program in San Francisco, subsequently expanding to the entire Bay Area. 1BOG has partnered with SunRun to provide additional benefits to its members and also announced REC Solar as the installer for its Los Angeles program. More in the press

at: <http://tinyurl.com/d8j2cb>

1BOG: <http://1bog.org/>

SunRun: <http://www.sunrunhome.com/>

REC Solar: <http://www.recsolar.com/cm/Home.html>

#### **4-1-09 SunEdison Milestone**

SunEdison announced it has surpassed 100 GWh in delivered PV solar electricity generation.

Press at: <http://tinyurl.com/ckwvu4>

SunEdison: <http://www.sunedison.com/>

#### **4-1-09 Synopsys TCAD for Solar Energy Research Institute of Singapore**

Synopsys, Inc. announced that the Solar Energy Research Institute of Singapore has adopted the Synopsys Sentaurus TCAD to support its solar cell R&D programs.

Press at: <http://tinyurl.com/c5s3vz>

Synopsys: <http://www.synopsys.com/home.aspx>

SERIS: <http://www.seris.nus.edu.sg/>

#### **4-1-09 Showa Shell Solar Panel Production**

According to this press, Showa Shell Sekiyu KK may buy a Hitachi plant near Showa Shell's two existing solar panel plants for solar panel production. Showa Shell said the third solar panel production plant would cost an estimated 100 billion yen and is set to start operating in 2011.

Press through Solarbuzz <http://www.solarbuzz.com/News/Newspage.asp>

at Bloomberg.com: <http://www.bloomberg.com/apps/news?pid=20601072&sid=aErmO3Pj3Ooc> or

<http://tinyurl.com/dhqo6b>

#### **4-1-09 Baoding Tianwei SolarFilms Production Line**

Baoding Tianwei SolarFilms Co. Ltd. plans to start production on a thin-film solar cell production line in August. Press at: <http://tinyurl.com/d3ztcn>

Baoding Tianwei SolarFilms Co., Ltd.: <http://www.btw-solarfilms.com/en/index.asp>

#### **4-1-09 Titan Tracker Deal with Jimenez Belinchon**

Titan Tracker, S.L. and Jimenez Belinchon, S.A. have signed a strategic agreement. The deal gives JBSA a license to manufacture and commercialize solar trackers throughout Europe and Central America. Press at CPV Today: <http://tinyurl.com/d8qamz> <http://social.cpvtoday.com/node>

Titan Tracker: [http://www.titantracker.com/v\\_portal/apartados/apartado.asp?te=8](http://www.titantracker.com/v_portal/apartados/apartado.asp?te=8) or

<http://tinyurl.com/cw3936>

JBSA: <http://www.jbsa.es/htdocs/english/index2.htm>

#### **4-1-09 More on Chinese Subsidies Plan**

See more on the Chinese subsidies plan in the press at PV Tech: <http://tinyurl.com/d6wxwe>

#### **4-1-09 Solar in the States**

See the story "State Solar Update: FIT Regulatory Boost in California, Bills on the Docket in Arizona" at RenewableEnergyWorld: <http://tinyurl.com/cjbnze>

#### **4-1-09 EERE Network News**

The latest issue of EERE Network News [Kevin Eber], with coverage of DOE's Block Grants, the nomination of Cathy Zoi for Assistant Secretary of EERE, and other news, is on line at: <http://apps1.eere.energy.gov/news/enn.cfm>

#### **4-1-09 Silicon PV Technology & Manufacturing Webcast Course [Doug Ruby]**

The Knowledge Foundation is presenting the Webcast course, "Silicon Photovoltaics Technology & Manufacturing" on 22 April. Information at:

[http://knowledgefoundation.com/viewevents.php?event\\_id=195&act=webevt](http://knowledgefoundation.com/viewevents.php?event_id=195&act=webevt) or <http://tinyurl.com/d37yer>

#### **4-1-09 The Solar Future [Johan Trip]**

SolarPlaza's event "The Solar Future, Countdown to grid-parity" is set for 26 May in Munich, Germany.

Press coverage at: <http://tinyurl.com/d53bmb>

Event Website: <http://www.thesolarfuture.com/>

#### **4-1-09 Solar Economics Forum [Matthew Probyn]**

The event "Solar Economics Forum, Towards Grid Parity" is set for 16-18 June in London, UK.

Information at: <http://tinyurl.com/dbtsks>

#### **4-1-09 Thin Film Solar Summit Europe [Joshua Bull, Paul Jones]**

Over 150 industry executives have confirmed their participation in the upcoming Thin Film Solar Summit Europe, which takes place 19-20 May in Berlin, Germany.

Press at Thin Film Today: <http://tinyurl.com/crec7p>

Thin Film Solar Summit Europe: <http://www.thinfilmtoday.com/eu/>

<http://www.thinfilmtoday.com/eu/agenda.shtml>

#### **4-1-09 SEPA Workshop on Solar Options for Low Cost Utilities [Josephine Mooney]**

The Solar Electric Power Association announced the first of its 2009 Workshop Series, "Solar Options for Low Cost Utilities", in Knoxville, Tennessee on 13-14 April.

Press at: <http://tinyurl.com/cc6crs>

Workshop: <http://www.solarelectricpower.org/index.php?page=miscinfo>

#### **4-1-09 Venture Capital Investment**

Greentech Media Inc. released the most recent quarterly data showing venture capital investment in green technologies in the first quarter of 2009.

Press at: <http://tinyurl.com/df3ent>

Greentech Media: <http://www.greentechmedia.com/>

#### **4-1-09 Renewable Resources for Federal Agencies**

See information on Western Area Power Administration renewable resources for Federal agencies at:

<http://www.wapa.gov/powerm/pmtags.htm>

#### **In related news...**

#### **4-1-09 CSP Market Study**

Information on Emerging Energy Research's market study, "Global Concentrated Solar Power Markets & Strategies, 2009-2020" is on line at: <http://tinyurl.com/arrq2a>

#### **4-1-09 New CSP Mirror**

See the story "A new revolutionary mirror for Concentrated Solar Power Market" at CSP Today:

<http://tinyurl.com/c7r6kp> <http://social.csptoday.com/node>

#### **4-1-09 Solar Energy Initiatives New Solar Product**

Solar Energy Initiatives is offering ProPac(TM) solar hot water systems to its dealers.

Press at: <http://tinyurl.com/cnoqko>

Solar Energy Initiatives: <http://www.SolarEnergy.com/>

#### **4-2-09 TerniEnergia and NextEnergy Capital Agreement**

TerniEnergia and NextEnergy Capital have signed an agreement for the development of PV plants in Italy in the 2009-2010 period for a total capacity of 15 MW. Press at TerniEnergia:

[http://www.ternienergia.it/investor\\_relations/19.aspx](http://www.ternienergia.it/investor_relations/19.aspx)

NextEnergy Capital: <http://www.nextenergycapital.com/site.htm>

#### **4-2-09 Suniva Technology for Aerotropolis Atlanta, Georgia**

Jacoby Development, Inc. and Suniva will collaborate on incorporating solar technology into Aerotropolis Atlanta, the redevelopment of the former Hapeville Ford Plant adjacent to Hartsfield-Jackson Atlanta International Airport. The initial phase of the partnership includes the planned installation of up to 10 MW of solar power in the main parking structure of the redevelopment.

Press at: <http://tinyurl.com/cxq2wp>

<http://www.bizjournals.com/atlanta/stories/2009/03/30/daily69.html>

Suniva: <http://www.suniva.com/>

Jacoby Group: <http://www.thejacobygroup.com/>

#### **4-2-09 Progress Energy Carolinas 1.2-MW PV System**

Progress Energy Carolinas' 1.2-MW solar array is now online in eastern North Carolina. The system was financed, built and is owned and operated by SunEdison. Progress Energy will purchase electricity from SunEdison under a 20-year solar power agreement.

Press at: <http://finance.yahoo.com/news/Photovoltaic-Solar-Array-at-prnews-14827500.html> or

<http://tinyurl.com/csmc8f>

<http://tinyurl.com/dxjp35>

Progress Energy: <http://www.progress-energy.com/>

SunEdison: <http://www.sunedison.com/>

#### **4-2-09 Republic Services Flexible Solar Cover for Landfill, Texas**

Republic Services, Inc. will cover portions of soon-to-be-closed areas of active landfills with flexible, laminate-type PV strips from United Solar. The flexible solar laminates are adhered directly to a Firestone manufactured synthetic green-colored geomembrane used to cover and close a landfill as it reaches capacity. For its demonstration project, Republic will partner with CPS Energy to deploy 5.6 acres of the solar energy cover attaching over 1,000 Uni-Solar(R) flexible solar strips.

Press at: <http://tinyurl.com/cr9lyr>

Republic Services, Inc.: <http://www.republicservices.com/>

CPS Energy: <http://www.cpsenergy.com/>

Uni-Solar: <http://www.uni-solar.com/>

#### **4-2-09 ersol Solar Energy Results**

ersol Solar Energy AG released its financial statements for 2008.

Press at: <http://tinyurl.com/c2sddt>

ersol: <http://www.ersol.de/en/aboutus/>

#### **4-2-09 E-Ton Solar Tech 2008 Financial Figures**

E-Ton Solar Tech has released 2008 financial figures. Press at DigiTimes:

<http://www.digitimes.com/news/a20090402PM200.html>

E-Ton: <http://www.e-ton solar.com/profile.asp?le=english&fid=29&ffid=31>

#### **4-2-09 Jiangsu Aide Solar Energy Technology Project**

Jiangsu Aide Solar Energy Technology, a China-based maker of crystalline silicon solar cells and modules established by Taiwan-based PanJit International, has applied with the government of Jiangsu province, eastern China, for subsidization of a 1-MWp solar power generating project. Press at DigiTimes: <http://tinyurl.com/cx82nk>

#### **4-2-09 Developments at the Silicon III Plant, Moses Lake, Washington**

See developments at Silicon III plant at: <http://www.solarbuzz.com/News/NewsNAMA162.htm>  
<http://tinyurl.com/cw77fo>  
<http://tinyurl.com/dk3eon>

#### **4-2-09 Eni Partnership with UniCredit**

Enipower signed an agreement with UniCredit for the renewal and widening of their partnership in the solar energy sector.

Press at Solarbuzz: <http://www.solarbuzz.com/News/NewsEU0742.htm>

Eni: [http://www.eni.it/en\\_IT/media/press-releases/2009/04/02-04-2009-enipower-unicredit.shtml](http://www.eni.it/en_IT/media/press-releases/2009/04/02-04-2009-enipower-unicredit.shtml) or  
<http://tinyurl.com/dkbvtp>

Eni SpA: [http://www.eni.it/en\\_IT/home.html](http://www.eni.it/en_IT/home.html)

#### **4-2-09 Renewable Energy Trust**

NextEra(TM) Energy Resources, a unit of FPL Group, said it will put all proceeds from the sale of its EarthEra renewable energy certificates into a trust, and the company's auditor, Deloitte & Touche, will ensure the entire trust is funneled to new clean generation.

Press at: <http://tinyurl.com/d6k2yn>

<http://tinyurl.com/c32mo2>

NextEra(TM) Energy Resources: <http://www.nexteraenergyresources.com/>

#### **4-2-09 Navigant Consulting New Concentrating Solar Newsletter**

Navigant Consulting, Inc. announced that its Photovoltaic Services Program has launched a new newsletter, Concentrating Solar. The newsletter addresses issues specific to the CSP and CPV communities, including investors in large multi-megawatt installations. The Concentrating Solar quarterly newsletter will move to a bimonthly publication in 2010.

Press and sample download at RenewableEnergyWorld: <http://tinyurl.com/c33vgx>

Navigant Consulting: <http://tinyurl.com/28h3mj>

#### **4-2-09 Chinese Silicon Production**

See the story "Flurry of new Chinese silicon production" at

Cleantech(R): <http://cleantech.com/news/4329/flurry-new-chinese-silicon-producti>

#### **4-2-09 Renewable Energy Siting**

A new mapping tool on Google Earth shows renewable-power developers where they can and can't build. Working on grants from Goggle's philanthropic arm, the National Audubon Society and the Natural Resources Defense Council pulled together maps of endangered species habitats, national parks and other forms of protected land and loaded all the data into Google Earth. More in the story at:

<http://tinyurl.com/cth43w>

NRDC Press: <http://www.nrdc.org/media/2009/090401a.asp>

<http://www.nrdc.org/land/sitingrenewables/default.asp>

More on Google investing: <http://tinyurl.com/d5mw6g>

#### **4-2-09 Stimulus Dollars**

The U.S. Department of Energy continues to announce more places where stimulus money is to be spent as more funding from the American Recovery and Reinvestment Act of 2009 is allocated. Press at RenewableEnergyWorld: <http://tinyurl.com/cokf8z>

U.S. DOE: <http://www.energy.gov/recovery/index.htm>

Loan Guarantee Program: <http://www.lgprogram.energy.gov/>

Block Grant Program: <http://www.eecbg.energy.gov/>

#### **4-2-09 Solar, Wind and Co-generation in New Jersey**

New Jersey Governor Jon Corzine signed three pieces of legislation helping to develop the possibility of solar energy and wind energy installations, while also supporting co-generation.

Press at PV Tech: <http://tinyurl.com/cut3sr>

Governor's Press: <http://tinyurl.com/c95e4l>

#### **4-2-09 Feed-in Tariffs, California**

See the story "California Considers Expanding Renewable Energy Feed-In Tariffs" at Greentech Media:

<http://tinyurl.com/cmrvv6>

#### **4-2-09 New PV Group Newsletter**

See PV Group's "The GRID" at: [http://www.semi.org/cms/groups/public/documents/gg/ctr\\_028926.htm](http://www.semi.org/cms/groups/public/documents/gg/ctr_028926.htm) or

<http://tinyurl.com/dmryq8>

PV Group: <http://www.pvgroup.org/index.htm>

#### **4-2-09 Cleantech Venture Financing**

Venture investment in the cleantech sector worldwide dropped 41% during first quarter 2009 compared to the previous quarter according to findings released by the Cleantech Group in cooperation with Deloitte.

Press at: <http://tinyurl.com/c53bp9>

<http://tinyurl.com/c2gk4b>

See also coverage of the Cleantech Group and Greentech Media Research cleantech / greentech reports at PV Tech: <http://tinyurl.com/cytzkh> and

<http://tinyurl.com/c7xmbd>

<http://tinyurl.com/df3ent>

#### **4-2-09 Recurrent Energy Executive Leadership Team**

Recurrent Energy announced the expansion of its executive leadership team. Press at:

<http://tinyurl.com/cmeujw>

Recurrent Energy: <http://www.recurrentenergy.com/>

#### **4-2-09 Governor Crist Honors**

Florida Governor Charlie Crist received the 2009 Golden Meter Award for his leadership in creating policies that foster a strong solar energy market. The Award was presented by The Network for New Energy Choices, The Solar Alliance, The Vote Solar Initiative, The Interstate Renewable Energy Council, and the Florida Solar Energy Industries Association. Press at:

<http://www.votesolar.org/press/GoldenMeter.html>

<http://tinyurl.com/cu2pj9>

#### **4-3-09 enXco 1.8-MW Installation, New Jersey**

enXco officially dedicated the 1.8-MW DC Hall's Warehouse Corp Solar Project, bringing the total solar energy generation at Hall's to 3.2 MW DC. The roof-mounted fixed-tilt array developed and owned by enXco consists of 20,184 First Solar panels and 2,190 Uni-Solar(R) laminates. Infinite Energy and Clean Energy Holdings co-developed the project with Vanguard Energy Partners, LLC as the installer. enXco Service Corporation will provide operations and maintenance services. Press at: <http://tinyurl.com/dkfvnr>

enXco: <http://www.enxco.com/>

PSE&G Solar Loan Program: <http://www.pseg.com/customer/solar/index.jsp>

First Solar: <http://www.firstsolar.com/>

Uni-Solar: <http://www.uni-solar.com/>

Vanguard Energy Partners, LLC: <http://vanguardenergypartners.com/>

#### **4-3-09 SunPower 3.5-MW Installation, California**

Inland Empire Utilities Agency and SunPower Corp. completed a 3.5-MW solar power installation at four IEUA facilities in Chino, Ontario, and Rancho Cucamonga, California. IEUA financed the project through Morgan Stanley under the SunPower Access(TM) power purchase agreement program. Press at

Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR1458.htm>

SunPower: <http://www.sunpowercorp.com/>

#### **4-3-09 Dow Corning Solar Solutions Center, Korea**

Dow Corning Corp. has selected JinCheon, Korea as the site for further expansion of its solar business with the development of a second Solar Solutions Application Center. Press at RenewableEnergyWorld: <http://tinyurl.com/cejh5u>  
Dow Corning Solar Solutions: <http://www.dowcorning.com/content/solar/>

#### **4-3-09 REC ASA Adjustment of Production Volumes**

REC ASA – REC Solar has decided to reduce second quarter production of solar cells and modules. Press at REC: <http://tinyurl.com/czxs0f>

#### **4-3-09 SOLPOWER AG Provisional Figures**

SOLPOWER AG reported provisional figures for the 2008 financial year. Press at: <http://tinyurl.com/d9l3b8>  
SOLPOWER: <http://www.solpowerag.com/>

#### **4-3-09 Gigawatt-level PV in Qinghai Province, China**

According to the "Research Report on Gigawatt-level Solar PV System Application and Development Plan of the Solar Industry in Qinghai Province", Qinghai Province will strive to develop the PV industry, and its PV power-generating capacity is expected to reach 20 MW in 2010 and 2,000 MW in 2020. Press at: <http://english.people.com.cn/90001/90776/90881/6629452.html>

#### **4-3-09 Solar Spot Market Prices**

Spot market quotes for poly-Si have dropped by 17-20% since early March 2009, while solar-grade 6-inch poly-Si wafer prices have also recently fallen by 13-18% according to industry sources in Taiwan. Press at DigiTimes: <http://www.digitimes.com/news/a20090403PD200.html>

#### **4-3-09 Solar Capacity in Italy**

Italy expects to more than double its installed PV capacity to 900 MW by the end of 2009, says state-run agency GSE. Press at Reuters: <http://tinyurl.com/dfqx29>  
<http://tinyurl.com/cxn19w>

#### **4-3-09 TVA Renewable Energy**

The Tennessee Valley Authority board gave President and CEO Tom Kilgore authority to sign contracts totaling up to 2,000 MW of renewable and clean energy by 2011 as part of TVA's plan to have 50% of its power supply from clean and renewable energy sources by 2020. Press at: <http://tinyurl.com/d3d2bn>  
<http://tinyurl.com/da3afe>  
[http://www.chattanooga.com/articles/article\\_148100.asp](http://www.chattanooga.com/articles/article_148100.asp)  
TVA: <http://www.tva.gov/>

#### **4-3-09 PV in Europe**

See "A Climate for Renewables: How Solar PV can Become a Major Source of Europe's Electricity Supply" by Anton Milner at RenewableEnergyWorld: <http://tinyurl.com/dae5nw>  
Anton Milner: [http://www.q-cells.com/en/company/executive\\_board/index.html](http://www.q-cells.com/en/company/executive_board/index.html)

#### **4-3-09 Satcon and Parity Solar Distributor Agreement**

Satcon Technology signed a distributor agreement with Parity Solar Ltd. in China. Press at Solarbuzz: <http://www.solarbuzz.com/News/NewsASCO431.htm>  
Satcon: <http://www.satcon.com/>  
Parity: <http://www.paritysolar.com/>

#### **4-3-09 IREC Telephone Seminar**

The next IREC Telephone Seminar on "Federal Solar Tax Incentive Q&A" is set for 4 May hosted by IREC and SEPA. Information and registration at: <http://federal-solar-tax.eventbrite.com/>

#### **4-3-09 PHOTON International Contents**

The table of contents for the March 2009 issue of PHOTON International, and several live links to April articles, are on line at: <http://www.photon-magazine.com/>  
<http://www.photon-magazine.com/photon/index.htm>

#### **4-3-09 EuPD Industry Guidebook PV Thin Film**

Information on EuPD's "Industry Guidebook PV Thin Film 2009" is online at: <http://tinyurl.com/csmfvl>  
<http://tinyurl.com/c5ytxz>  
EuPD Research: <http://www.eupd-research.com/en/home/>

#### **4-3-09 NanoMarkets Thin-Film Report**

NanoMarkets "Materials Markets for Thin-Film Silicon Photovoltaics" is covered in RenewableEnergyWorld's article at: <http://tinyurl.com/cqrs6u>  
NanoMarkets Report: [http://www.nanomarkets.net/products/prod\\_detail.cfm?prod=9&id=283](http://www.nanomarkets.net/products/prod_detail.cfm?prod=9&id=283) or  
<http://tinyurl.com/d9brod>

#### **4-3-09 Chinese Solar Subsidies, Perspective**

See the perspective on the announcement of Chinese PV subsidies at Greentech Media:  
<http://tinyurl.com/cj9pvy>

#### **4-3-09 Renewables in Germany**

A roadmap published by the German Federal Ministry for the Environment lays out a path to switch over completely to renewable energy, adding 800,000 to 900,000 new cleantech jobs by 2030. Press at RenewableEnergyWorld: <http://tinyurl.com/czloyl>  
<http://www.bmu.de/energieeffizienz/downloads/doc/43103.php>  
Germany Trade & Invest: <http://www.gtai.com/homepage/industries/renewable-energies/>

#### **4-3-09 Cleantech Investment, Stimulus, Green Economy**

See the story "Cleantech investment drops but stimulus funds soar in 1Q09" at Cleantech(R):  
<http://cleantech.com/news/4322/cleantech-investment-drops-stimulus>  
See also "G20 Leaders Urged to Build Greener Global Economy" at: <http://www.ens-newswire.com/ens/apr2009/2009-04-01-01.asp>  
Greenpeace: [http://media-newswire.com/release\\_1088731.html](http://media-newswire.com/release_1088731.html)

#### **In related solar news...**

#### **4-3-09 Solar Thermal Sector in Europe**

In presenting a research agenda, the solar thermal sector sets out a strategy to reach a 50% contribution to Europe's space and water heating requirements by 2050. More on the European Solar Thermal Technology Platform at RenewableEnergyWorld: <http://tinyurl.com/cf5ge3>