

## *Bibliografia e Web link*

---

## *Bibliografia e Web link*

- ◆ AA.VV., *La città del Sole*, ETA, Firenze, 2001
- ◆ Aste Niccolò, *Il fotovoltaico in architettura*, Sistemi editoriali, Napoli, 2002.
- ◆ Atlantis Energy System Sunslates, 1998
- ◆ Atti del workshop, *Le applicazioni fotovoltaiche per usi civili e rurali nei Comuni di Italia*, ENEA, ISES, Gubbio 23 giugno 1997.
- ◆ Ayoub J., Dignard-Baley L., Fillion A., *Photovoltaics for Buildings. Opportunities for Canada*. CANMET, Varennes, Quebec, 2001.
- ◆ BMC Solar Industrie GmbH, 1998
- ◆ BP Solar "Global projects Dossier", 1998
- ◆ BP Solar, *A Study of the feasibility of Photovoltaic Modules as a Commercial Building Cladding Component*. ETSU S/P2/00131/REP, ETSU: Harwell, 1993.
- ◆ Brenne W, Eble, J.Jaschke F. *Gartenstadt Berlin- Pankow, Modellproject fur einen nachhaltigen- okologischen Wohnungsbau. Umsetzungsstudie Band, Konzeptphase*. Berlin 1997
- ◆ Charles Stirling and Paul Baker, *Photovoltaics: integration into buildings*, BRE, 1999
- ◆ CIBSE Technical Memoranda: *Understanding building photovoltaics* CIBSE
- ◆ ECOTEC, ECD, NPAC, *The Value of Electricity Generated from Photovoltaic Power Systems in Buildings*. ETSU S/P2/00279/REP, ETSU: Harwell, 1998.
- ◆ ENEA, "10.000 tetti fotovoltaici" a cura di Francesco Paolo Vivoli M. Gamberale, M. Lucentini, L. Rubini.
- ◆ ENEA, "L'integrazione dei sistemi fotovoltaici nell'edilizia e nelle infrastrutture urbane" a cura di Francesco Paolo Vivoli e Mauro Spagnolo
- ◆ ENEA-ISES ITALIA, *Energia elettrica dal sole* di Francesco Paolo Vivoli.
- ◆ ENEA-ISES Italia, 1998 "Energia elettrica dal Sole"
- ◆ EPIA (European Photovoltaic Industry Association and Commission of the European Communities-Directorate General for Energy-Programma Altener, *Photovoltaics in 2010*.
- ◆ ETSU, *Newcastle Photovoltaics Applications Centre. Architecturally Integrated Grid-Connected PV Facade at the University of Northumbria*. ETSU S/P2/00171/REP, ETSU: Harwell.
- ◆ European Communities Commission Directorate-General for Energy, *Photovoltaic rural electrification of 79 dwellings at Sierra de Segura (Jaén), The Stationery*

Office, 1994

- ◆ European Communities Commission Directorate-General for Research, Science and Education, Solar energy programme of the Commission of the European Communities abstracts of final reports... of solar energy applications for dwellings, 1 MW (el) solar power plant of the EEC, photovoltaic power generation and energy from biomass, The Stationery Office, (1980)
- ◆ European directory 1999 “ Sustainable and energy efficient building” – component- services – materials, JAMES & JAMES, London.
- ◆ European directory 1999, Sustainable and energy efficient building – component-services – materials, JAMES & JAMES, London.
- ◆ F.Sick and T. Erge (a cura di), Photovoltaics in buildings, a design handbook for architects and engineers,. James & James Editori, Londra, 1996.
- ◆ FNFA-ISFS ITALIA, “Il fotovoltaico integrato negli edifici” a cura di F. P. Vivoli, M. Gamberale, P. Frankl, P. Ferro.
- ◆ Frankl P., 1996 “Analisi del ciclo di vita di sistemi fotovoltaici”
- ◆ Groppi Francesco, Zuccaro Carlo, Impianti solari fotovoltaici a norme CEI, UTET, Milano, 2000.
- ◆ Hagemann B. Ingo, Gebaudeintegrierte Photovoltaik, Rudolf Mueller, Koln, 2002.
- ◆ Halcrow Gilbert Associates, Grid Connection of Photovoltaic Systems, ETSU, 1993. ETSU S 1394-P1, ETSU: Harwell.
- ◆ Humm O., Togweiler P., Photovoltaics in Architecture, Birkhauser, Basel, 1993.
- ◆ International Energy Agency - “Photovoltaics in Building”, 1997
- ◆ International Energy Agency “Photovoltaics in Buildings”, 1997.
- ◆ Kyocera “Solar Energy”, 1998
- ◆ Laukamp, H., The basic German Electric safety Standard and its Application to PV System. 12<sup>th</sup> European Conference PVSEC, Amsterdam, 1994.
- ◆ IEA Annual Report, 1997 - “Implementing Agreement on PV Power Systems”
- ◆ Mauro Spagnolo, Francesco Paolo Vivoli, L’intergrazione dei sistemi fotovoltaici nell’edilizia e nelle infrastrutture urbane, ENEA, Roma, 1999
- ◆ Nasielski J. Kirsch-De Mesmaeker A. Construction of a photovoltaic cell based on the photoelectrochemistry of organic dyes at transparent semi-conducting electrodes Final report, Universite Libre de Bruxelles Faculte des Sciences

## *Bibliografia e Web link*

European Communities Commission Directorate-General for Research, Science and Education, The Stationery Office, 1982

- ◆ Patrino Eiffert, Grego y J.Kiss, Building-Integrated Photovoltaic Designs for Commercial and Institutional Structures, A Sourcebook for Architects, NREL, U.S.A..February 2000 NREL/BK-520-25272
- ◆ Pearson C, Rawlings R, Nanayakkara R, Photovoltaics in Buildings - Safety and the CDM Regulations, BSRIA, 2000
- ◆ Perlin John, Dal Sole, ed Ambiente, ISES Italia, Roma, 2000.
- ◆ Photovoltaics in buildings - Testing, commissioning and monitoring guide, Energy Technology Support Unit, BSRIA, 1998
- ◆ Pilkington Solar International 'Optical Solar Facade', 1998
- ◆ Randall Thomas, Max Fordham & Partners, Photovoltaics and Architecture, Spon Press, London, 2001.
- ◆ Roaf Susan, Ecohouse: A Design Guide, Mutton & Neinenann, London, 2001.
- ◆ Roaf Susan, Vivien Walker, 21AD Architectural Digest for the 21st Century Photovoltaics. Eds., V. Oxford Brookes University.
- ◆ Sick F., Erge T. , Photovoltaics in Buildings, James & James, London, 1996
- ◆ Spagnolo Mauro, Il sole nella città. L'uso del fotovoltaico nell'edilizia, Franco Muzzio Editore, Roma, 2002.
- ◆ Studio E Architects, Photovoltaics in Buildings – A Survey of Design Tools, 1995. ETSU S/P2/00289/REP, ETSU: Harwell.
- ◆ Studio E Architects, Photovoltaics in Buildings BIPV Projects. ETSU S/P2/00328/REP, ETSU: Harwell.

Casi-studio

The solar office: a solar powered building with a comprehensive energy strategy,  
David Lloyd Jones

Low-cost social housing with high ecological demand- a contradiction?

Ahanel, W.Brenne, J.Eble, K.Wisniewski

The first public- zero – energy offices in the UK

Heinz Richardson, Tony Ingram

- ◆ Archivio elettronica del National Renewable Energy Laboratory

**Riviste**

Fotovoltaici

Photon International

### **Alcuni Centri esperti di progettazione FV**

ABITA: [www.unifi.it/unifi/abita/pvpub.htm](http://www.unifi.it/unifi/abita/pvpub.htm)  
ETA: <http://www.etaflorence.it>  
WIP: <http://www.wip-munich.de>  
GIFI: <http://www.solarexpo.com/catalogo/gifi.htm>  
IT Power: <http://www.itpower.co.uk>  
AEP: [http://www.agenpi.com/Informazioni\\_ai\\_cittadini.htm](http://www.agenpi.com/Informazioni_ai_cittadini.htm)  
AEPL: <http://www.ealp.it/>  
ALERR: <http://www.alerr.it/>  
Imec: [http://www.imec.be/ovinter/static\\_general/start\\_en.shtml](http://www.imec.be/ovinter/static_general/start_en.shtml)  
Novem: <http://www.novem.nl>

### **Organisations:**

- BP solar: [www.bp.com/bpsolar/index.html](http://www.bp.com/bpsolar/index.html)
- Eurec-agency (European Renewable Energy Centers' agency): <http://www.eurec.be>
- Caddet Renewable Energy: <http://www.caddet-re.org>
- International Solar centre: [http://emsolar.ee.tu-berlin.de/iscb/home\\_eng.html](http://emsolar.ee.tu-berlin.de/iscb/home_eng.html)
- : International Solar Energy Society <http://www.ises.org>
- WIRE: World-wide Information System for Renewable Energy <http://wire0.ises.org/wire/wire.nsf>
- US Department of Environment Web site: [www.eren.doe.gov/pv/](http://www.eren.doe.gov/pv/)
- Photovoltaic Power systems web site: <http://www.iea.org/techno/renew/index.htm>

### **Collected PV-projects**

Photovoltaic Solar Energy Best Practice Stories(THERMIE)  
A selection of European demonstration projects from 1990 in a photovoltaic solar energy-context; both building integrated and stand-alone applications, realised with financial support within the THERMIE-program of the European committee. Direct link to the chapter building integrated grid connected residences.  
<http://europa.eu.int/en/comm/dg17/thermie/volt/study/building.htm>

### **PV in Nederland: Netgekoppelde systemen in Nederland**

A tour along grid connected systems with short descriptions, photos and technical data.  
[http://www.xs4all.nl/~sens/toepassingen/net-gekoppeld/nettour/nettour\\_home.html](http://www.xs4all.nl/~sens/toepassingen/net-gekoppeld/nettour/nettour_home.html)

### **A PV-Tour through Switzerland Volumell**

On this site, you make a virtual ride along Swiss PV-projects, via photos and short descriptions.  
<http://solstice.crest.org/renewables/pv-tour-switzerland/toc.html>

### **Demosite**

In Lausanne, a demonstration exhibition was set up on demand of the Swiss research center Leso-EPFL. It had systems in the open air and real sized pictures from PV systems. The site shows pictures and technical data.  
<http://www.demosite.ch/>

### **World BIPV Overview**

The American architecture and engineering bureau " Solar Design Associate " gives a clickable country listing with for every country some information about building integrated PV-systems (Building Integrated PV).  
<http://www.ultranet.com/~sda/worldreport/worldreport.html>

bibliografia- 5

### **Solar Electric Buildings; An Overview of Today's Applications**

This brochure presents a wide range of buildings with photovoltaic solar energy. The catalogue contains residential and commercial projects, Both stand-alone and grid