

Photovoltaics

ECOSOLE: Elevated Concentration photovoltaic solar energy generator and fully automated machinery for high throughput manufacturing and testing (2011)

[CORDIS/Project Website](#)

CPV4ALL: Novel CPV system fit for mass production, for electricity costs beyond grid parity and for applications in B2B, industrial and residential areas (2011)

[CORDIS/Project Website](#)

BFIRST: Building-integrated fibre-reinforced solar technology (2011)

[CORDIS/Project Website](#)

Construct-PV: Constructing buildings with customizable size PV modules integrated in the opaque part of the building skin (2011)

[CORDIS/Project Website](#)

PV-GUM : Manufacturing technologies and equipment to produce low-cost PV bituminous-modified roofing membrane with full integration of high efficiency flexible thin-film silicon PV modules (2009)

[CORDIS](#) / [Project website](#)

PEPPER : Demonstration of high performance processes and equipments for thin film silicon photovoltaic modules produced with lower environmental impact and reduced cost and material use (2009)

[CORDIS](#) / [Project website](#)

METAPV : Multiple benefits of PV systems (2008)

[CORDIS](#) / [Project website](#)

SOLASYS : Next generation solar cell and module laser processing systems (2007)

[CORDIS](#) / [Project website](#)

ULTIMATE : Ultra Thin Solar Cells for Module Assembly -Tough and Efficient (2007)
[CORDIS](#) / [Project website](#)

HIGHSOL : High volume manufacturing of Photovoltaic products (2006)
[CORDIS](#) / [Project website](#)

SELFLEX : Demonstration of SELF-formation based FLEXible solar cells manufacturing technology (2006)
[CORDIS](#) / [Project website](#)

SOLSILC DEMONSTRATOR : Validation of a direct route for production of solar-grade silicon feedstock for crystalline wafers and cells (2006)
[CORDIS](#) / [Project website](#)

SUNRISE : Strengthening the European Photovoltaic Sector by Cooperation with important Stakeholders (2006)
[CORDIS](#) / [Project website](#)

UPP-SOL : Urban Photovoltaics: Polygeneration with Solar Energy (2006)
[CORDIS](#) / [Project website](#)

HIGHSPEEDCIGS : High speed pilot production line for CIGS manufacturing (2005)
[CORDIS](#) / [Project website](#)

LAB2LINE : From the Laboratory to the production Line (2005)
[CORDIS](#) / [Project website](#)

PV-EMPLOYMENT : The role of the European PV industry for the Europe's jobs and education today and tomorrow (2005)
[CORDIS](#) / [Project website](#)

BITHINK : Bifacial Thin Industrial multi-Crystalline Silicon Solar Cells (2003)
[CORDIS](#) / [Project website](#)


PV-MIPS : Photovoltaic module with integrated power conversion and interconnection system (2003)

[CORDIS](#) / [Project website](#) / [Activity report](#) 

SOLAR PLOTS : Multiple ownership grid connected PV solar-plots with optimised tracking and low concentration reflectors (2003)

[CORDIS](#) / [Project website](#)

PV-LIGHT : Lightweight PV louvres for multi-functional solar control and daylighting systems with improved building integration

[CORDIS](#) / [Project website](#) / [Final report](#) 

PV SOUNDLESS : PV Generators Integrated Into Sound Barriers

[CORDIS](#) / [Project website](#) / [Final report](#) 

RESURGENCE : Renewable Energy Systems for Urban ReGENeration in Cities of Europe

[CORDIS](#) / [Project website](#) / [Project summary](#) 

SUNCITIES : Large-scale high density low-emission new housing developments with full integration of PV in the urban planning process

[CORDIS](#) / [Project website](#) / [Project summary](#) 

UNIVERSOL : Grid-connected PV Systems Integrated In Educational And Cultural Facilities

[CORDIS](#) / [Project website](#) / [Final technical report](#) 

SAHARA : A Task Force for the Creation of a Consortium to Set-up a Solar Grade Silicon Production plant

[CORDIS](#) / [Project website](#) / [Executive summary](#) 