



**URBAN-SCALE
PHOTOVOLTAICS
APPLICATIONS**


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 **1. INTRODUCTION** 

IEA PVPS Task 10 International Energy Agency Photovoltaic Power Systems Windows Internet Explorer

http://www.iea-pvps-task10.org/

IEA PVPS Task 10 : Urban-Scale Photovoltaic Applications

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Welcome to IEA PVPS Task 10 Website

Task 10 is an international collaborative project of the Photovoltaic Power Systems Programme (PVPS) of the International Energy Agency (IEA)

12/2009 [Improving PV grid issues in the urban areas and better Photovoltaic Electricity Policies guidelines](#)

09/2009 [Book on Photovoltaics in the Urban Environment published](#)



Book edited with IEA PVPS Task 10

Start Microsoft Office 2007 Zoredlem Dev Editors (Aust...) IEA PVPS Task 10 Microsoft Office 24% Internet 100% 17:13

The objective of Task 10 is to enhance the opportunities for the wide-scale, solution-oriented application of PV in the urban environment, as part of an integrated approach that maximizes building energy efficiency as well as solar thermal and photovoltaics usage.



112 kWp integrated PV system, The Netherlands



2. SUBTASKS

Task 10 work is divided into four subtasks:

Subtask 1

seeks to define the global solar market through economic and other market drivers.

Subtask 2

focuses on the development of guidance to integrate photovoltaics into standard building design models, tools, practices and community energy infrastructure planning.

Subtask 3

concentrates on technical and infrastructure challenges related to building integrated photovoltaics and demonstrates best practices to overcome barriers.

Subtask 4

carries out the development and the dissemination of information targeted to a variety of stakeholders, and includes market research .







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Reports






IEA PVPS Task 10 official reports

Year	Name of the report	Download
2009	Report IEA-PVPS T10-07-2009 Urban Photovoltaic Electricity Policies	 IEA-PVPS-T10-07-2009
2009	Report IEA-PVPS T10-06-2009 Overcoming PV grid issues in the urban areas	 IEA-PVPS-T10-06-2009
2009	Book Photovoltaics in the Urban Environment	
2009	Report IEA-PVPS T10-05-2009 Promotional Drivers for Grid-Connected PV	 IEA-PVPS-T10-05-2009

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Participants

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Verlängerung der Akkule
Mit Hilfe der Verlängerung der Akkule Bedarf die Lebensdauer des Akkule um mehr darüber zu erfahren.



Economics and Institutional Factors (subtask 1)



This subtask seeks to provide opportunities for stakeholders to look beyond a single-ownership scenario to the larger multiple-stakeholder value. In this way, utility tariffs, community policy, and industry deployment strategy can be used to create scenarios which combine all stakeholder values to the PV system investor through sustained policy-related market drivers.

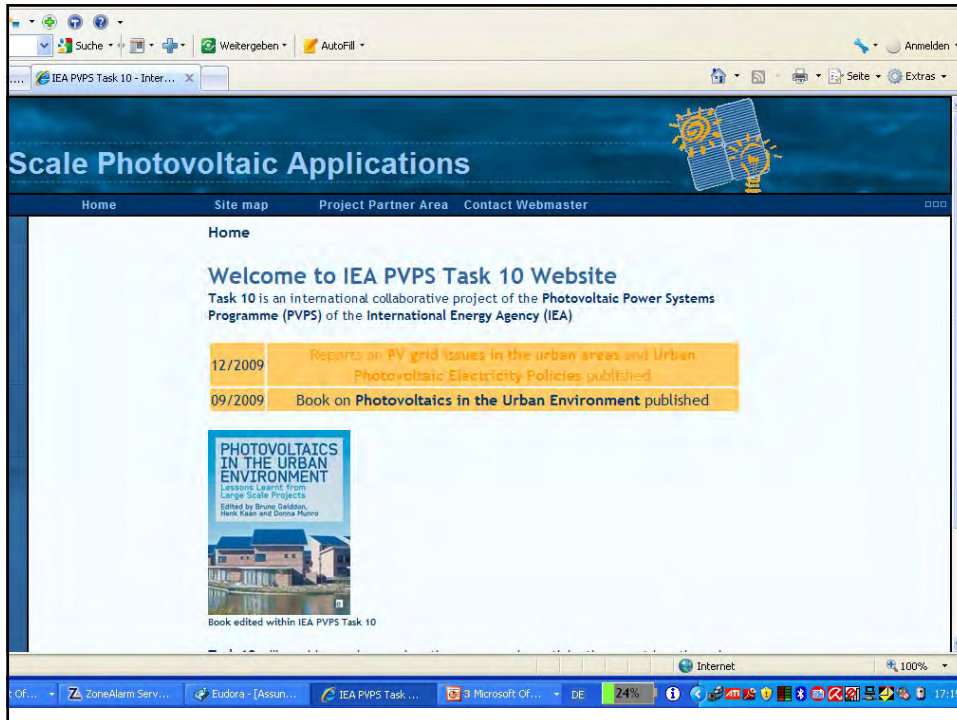


163 kWp PV system on a government building, Germany



3. SOME MAJOR HIGHLIGHTS








Activities included:



- developing a value matrix for stakeholders that goes beyond the economic market drivers (the market drivers will be included), allowing individual stakeholders to realise a full set of values;
- deriving recommendations to stakeholders for removing barriers to mass market uptake of PV;
 - building upon existing lessons learned with financing, policy, rate structure issues by analysing the economic contribution of these market drivers;
- promoting transboundary transfer of lessons learned; and identifying participating country industry roadmaps and producing a guide for roadmap development 









4. CONCLUSIONS



- **Building-integrated systems work**
- **huge potentials world-wide**
- **most non-economic barriers removed but different by country**
- **many details for fine-tuning still open for improvements**

