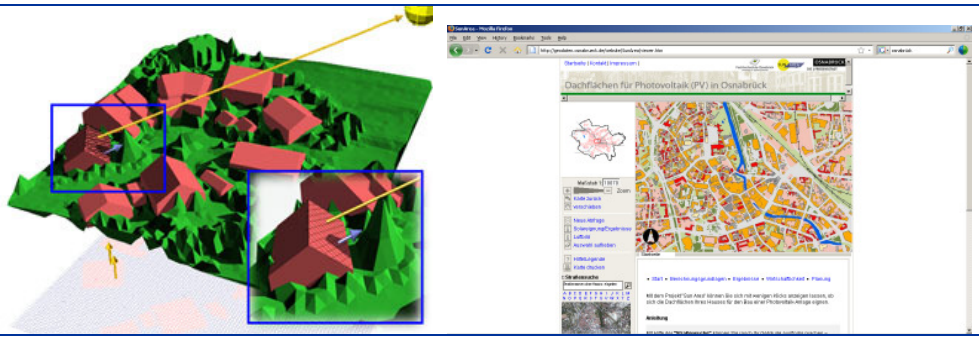
Name of project:	Solar potential cadastre and mobilization campaign „Sun Area“	COUNTRY GERMANY
City of project:	Osnabrück, Germany	
Size/ region affected	Local	
Type of project [theoretical / practical]:	Category 1 Identification of the solar potential	
Targeted technique PV/Solar thermal/Solar Passive/Solar Air conditioning	Photovoltaic	
Period/ starting date	2007-dato	
Contact institution with Internet links (if available)	City of Osnabrück / Department environmental planning Ms. Fritsch-Riepe / Mr. Düyffcke (technical issues) http://geodaten.osnabrueck.de/website/SunArea/viewer.htm University of Applied Sciences Osnabrück Prof. Dr. Martina Klärle	
Photo / drawings / overview		
General Project Description	To assess the solar potential of the roofs the City of Osnabrück made laser scans of the city's complete building stock. These scans were made during a flight. On the base of the acquired information like geometry, orientation and slope of the roofs a specialized program calculated the solar potential of the city. The results of this calculation can be checked on an interactive internet webpage. Each citizen of Osnabruck can look up his address and identify the potential of his own building. The different colors show the (red high potential > 95 % of the possible solar irradiation, grey: no potential). Furthermore brief technical, organizational and financial information were given (e.g. solar gains, How to install a PV installation, feed-in-tariff...). Beside of this the city informed and consulted a group of private and public building owners (from buildings with high solar potential).	
Initiator/project idea	University of Applied Sciences Osnabrück	
Financing Investor	AGIP (Workteam for innovative projects of Scientific and Cultural Ministery of the	

	Federal state Lower Saxony)
Service Provider	TopScan GmbH
Other parties involved (eg. departments)	University of Applied Sciences Osnabrück: - Faculty of agricultural sciences and Landscape architecture - Institute for Geoinformatics and Remote Sensing Regional office Geoinformation Service center Geocoding of the City of Osnabrück
Partner responsible for Best Practice description	ECOFYS, Germany

SWOT Analysis	
Strengths	▪ Accessibility by Internet ▪ Transparency of solar potential ▪ User friendly ▪ Updates possible ▪ You can verify it ▪ Link to information about solar systems ▪ Explanations of calculation base ▪ Information about Feed-in tariff and subsidies ▪ Contact person city ▪ Use of existing data
Weakness	▪ Costs (Laser scan) ▪ Administrative approach ▪ Internet based (e.g. you do not reach some target groups) ▪ Potential of being misunderstood
Opportunities	▪ Free services ▪ Educational approach by tool (flyers, links, seminaries…)
Threats	▪ Envy between citizens ▪ Reliability ▪ Accuracy of data ▪ Lack of architectural information (e. g. statics)
Improvements	▪ Information potential installers and structural designer ▪ Explain the used method and assumptions (laser scan…) ▪ Free consultation about PV systems for everybody ▪ Different distribution of information (brochures with information of the laser scan and maps, flyers…)