

Annex 4: DESCRIPTION OF GOOD PRACTICE

The aim of annex 4 is to get detailed and structured information on good practices identified within INTERREG IVC projects. Since this information will directly feed into an on-line good practice database to be made available on the programme website, we would be grateful if you could ensure the good quality of the information provided. In particular, this information should be well written and easily understandable for external readers. One good practice can be described per form. There is no limit on the number of good practices that can be submitted, but a minimum of four good practice descriptions are required over the project's lifetime. Annex 4 is submitted together with the progress reports.

N.B. See Programme Manual section 1.1 for the programme's definition of a good practice

1. PROJECT INFORMATION

1.1 INDEX	0524R2
1.2 PROJECT ACRONYM	EnercitEE
1.3 PRIORITY	2: Environment and risk prevention
1.4 PROGRAMME SUB-THEME	Energy and sustainable transport

2. GOOD PRACTICE INFORMATION

2.1 Title of the practice	Eco-buildings in Växjö - Araby school			
2.2 Topic of the practice <i>Please specify the precise topic of the practice in a few words (e.g. support to SMEs, demographic change, e-governement, risk management, water scarcity, renewable energy).</i>	Refurbishment of an elderly school in Växjö, in general regarding energy efficiency for the whole building and installation of PV plant for internal electricity production placed on the roof.			
2.3 Location of the practice	Country	SE		
	NUTS 1	Södra Sverige		
	NUTS 2	Småland med öarna		
	City	Växjö		
2.4 Start date of the practice (and if applicable, end date)	Start	02.07.1905	End	1905/07/02

2.5 Detailed description of the practice

Please provide a detailed description of the practice itself. The description should include information on the nature of the practice, its objective, the main stakeholders involved (including the beneficiaries) and the financial resources required for its implementation. If known, please also indicate key success factors and conditions for potential transfer.

Araby school was built in 1963 and has been refurbished in general from 2006 to 2008 with new insulation on wall, roofs and new windows. New systems for ventilation, heat recovery and lighting were included. Pupils have been involved in planning etc. PV panels have been installed, 15 kW and total area of 120 m² to produce electricity but also to prove that electricity from solar also can be used in northern countries. The school has five buildings and the reduction is 21 % which means that 122 kWh/m²/y are used for heat and 28 for electricity. The students also follow the results year by year which has the impact of focussing on energy questions and has an impact on behaviour. A display is also installed that makes it possible to follow electricity production from PV.

2.6 Evidence of success

Please explain why this practice is considered as good. Objective result and/or impact indicators are welcome in this section to demonstrate the success of the practice (e.g. n° jobs created or safeguarded, n° of patents submitted, amount of tons/year of freight traffic withdrawn from road, % of greenhouse gas emission reduced).

The systems are measured and targets are reached. The result is that energy consumption is lowered by 21 % with the average energy consumption of 122 kWh/m²/y for heat and 28 kWh/m²/y for electricity. PV system is part of education today. PV plant has produced 6200 kWh during 5 months and in order to show production it is shown on a display inside. A further goal is to reach in total 130 kWh/m²/y in total and for this more information and training will be done. The ideas and results from Araby school are used at other schools in Växjö and the region.

2.7 Contact details to obtain further information on the practice

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2.8 Annex completed on

2011/08/31