

# *Joint Project Meeting CLIMACT - ENNEREG*

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# *Status of SEP evaluation*



- Why the hard work of SEP evaluation?
  - “An important part of ENNEREG is to evaluate the achievements made in the course of the project.” (Grant Agreement p. 26)
  - Performance Indicators are defined
    - in the Appendix as quantitative output results (each partner is committed to finalize a number of specific publications and energy plans, minimum number of participants at events & projects)
    - Four indicators
      - Cumulative investment made by stakeholders in sustainable energy projects (in k Euro)
      - Primary energy savings (in toe/year)
      - Renewable energy production (in toe/year)
      - Reduction of GHG emissions (in toe CO<sub>2</sub>/year)

# *SEP evaluation – D 4.2 1<sup>st</sup> Evaluation Report*



- D 4.2 1<sup>st</sup> Evaluation Report on 1<sup>st</sup> phase of SEP promotion (due in April 2011), 5 pages per region
- Content of D 4.2 1<sup>st</sup> Evaluation Report
  - General introduction: Number and distribution of evaluated SEPs over topics
  - Assessment of result in terms of Performance Indicators
  - Region-specific evaluation of SEP implementation
    - Focus of SEP activities
    - SEP evaluation in terms of Performance Indicators
    - Short description of best good practices (good practice template)
  - Cooperation activities of ENNEREG regions
  - Comparative evaluation of SEP implementation in all ENEREG Regions

# SEP evaluation

Partner	05-BAPE	PCC	05-PL	Region	Pomerania
<b>Buildings Project #1</b>					
<b>a) General SEP information</b>					
Project sub-category	Energy-efficient public building project				
Project name	Retrofitting of School Complex in Rodowo, com. Prabuty				
Location	Poland, 82-550 Prabuty				
Project owner					
Target sector	Pubic sector, energy end-users				
Key Actors	school manager, community officers, pupils				
Short description	improvement of energy efficiency in building, energy consumption reduction				
Objectives	energy consumption reduction, RES implementation in public buildings (solar collectors)				
<b>b) Economic Data</b>					
	2010	2011	2012	2013	2014 and later
Dissemination level	confidential	confidential	confidential	confidential	confidential
Annual Investment (kEuro)					calc.
Annual Funding (kEuro)					
Annual operating cost (kEuro)					
Annual income (kEuro)		n.a.			
<b>c) Project Achievements</b>					
	2010	2011	2012	2013	2014 and later
Dissemination level	public	public	public	public	public
Energy savings electricity p.a. (MWh/year)		n.a.			calc.
Energy savings heat p.a. (MWh/year)		176			calc.
Renewable energy capacity installed p.a. (MW)		0,016			calc.
CO2-savings (to/year)		1,24			calc.
<b>d) Timeline for project realization</b>					
	finished until 2014				
	Idea	Planning	Construction/ implementation	Commissioning	Full operation
Timeline	2006	2008-2009	2011	2011	2011/12

# SEP evaluation

e) <b>Technical Measures</b>	<ol style="list-style-type: none"> <li>1. additional insulation of the roof</li> <li>2. exchange of windows</li> <li>3. installation of solar collectors</li> <li>4. insulation of external walls</li> </ol>
f) <b>Success Factors / Barriers for Project Implementation</b>	<p>success factors:</p> <ol style="list-style-type: none"> <li>1. optimization of the scope of the work by energy audit</li> <li>2. financial support by Regional Operational Programme</li> </ol> <p>barriers: complicated procedure, long time procedure</p>
g) <b>Additional information</b>	

## h) Photos, Figures, etc



Description: School Hostel before and after retrofitting, Tozew, Pomerania, Poland  
 Copyright: photo before: BAPE; photo after: Tozew Powiat  
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 Source: BAPE, Powiat Tozew ENNEREG Project ([www.regions2020.eu](http://www.regions2020.eu))Permissions:

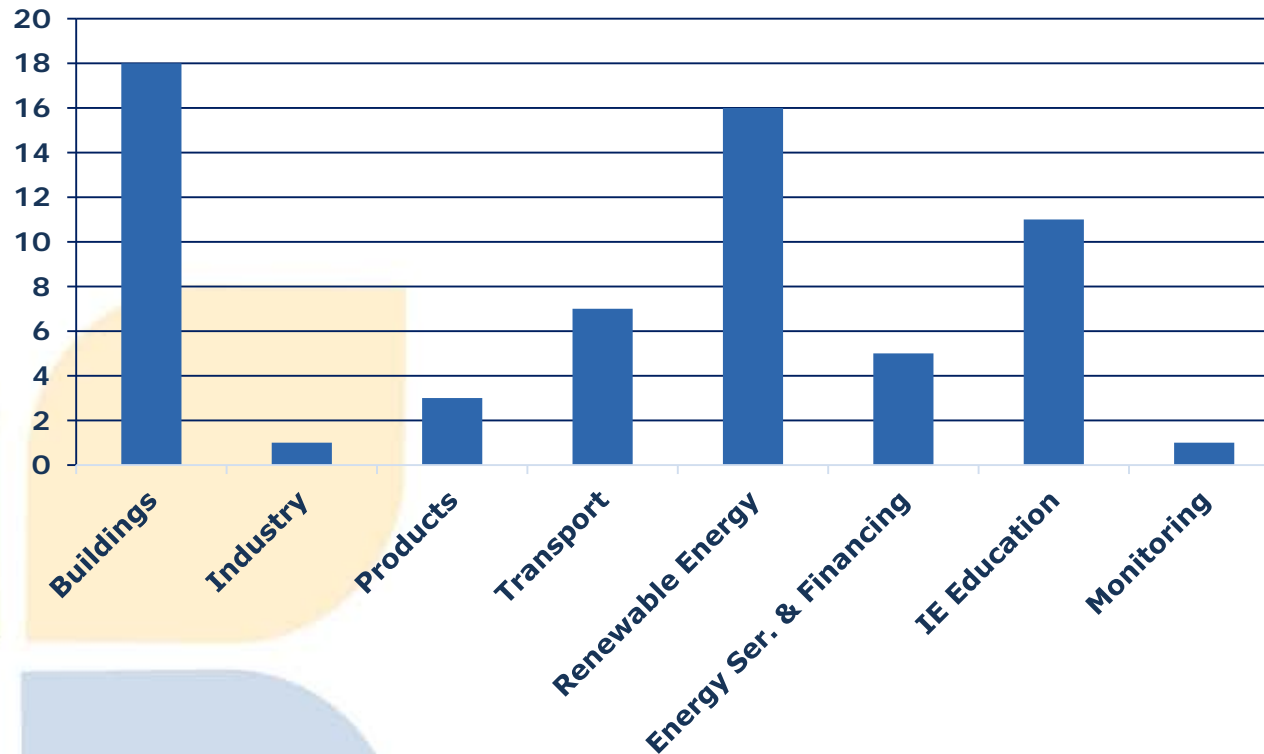
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# SEP evaluation - Example

<b>Partner</b>	<b>06-EVE</b>				
<b>Participant Country Code</b>	<b>06-ES</b>				
<b>Region</b>	<b>Basque Country</b>				
<b>Summary of impact over all sustainable energy projects</b>					
<b>Economic Data</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014 and later</b>
<b>Annual Investment (kEuro)</b>	15.584	11.907	395	0	0
<b>Annual Funding (kEuro)</b>	0	0	0	0	0
<b>Annual cost (Euro)</b>	0	0	0	0	0
<b>Annual income (Euro)</b>	0	0	0	0	0
<b>Project Achievements</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014 and later</b>
<b>Energy savings electricity p.a. (MWh/year)</b>	11.412	14.107	2.757	2.757	2.757
<b>Energy savings heat p.a. (MWh/year)</b>	13.480	19.976	14.540	6.660	6.660
<b>Renewable energy capacity installed p.a. (MW)</b>	0	1	0	0	0
<b>CO2-savings (to/year)</b>	9582,28	12137,33	5045,05	2706,05	2706,05
<b>1 - Energy efficient buildings</b>					
<b>Economic Data</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014 and later</b>
<b>Annual Investment (kEuro)</b>	8.255	8.255			
<b>Annual Funding (kEuro)</b>					
<b>Annual cost (Euro)</b>					
<b>Annual income (Euro)</b>					
<b>Project Achievements</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014 and later</b>
<b>Energy savings electricity p.a. (MWh/year)</b>	2.400	2.400			
<b>Energy savings heat p.a. (MWh/year)</b>	5.600	5.600			
<b>Renewable energy capacity installed p.a. (MW)</b>	0	0			
<b>CO2-savings (to/year)</b>	2376,8	2376,8			
<b>2 - Energy efficient in industry</b>					
<b>Economic Data</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014 and later</b>
<b>Annual Investment (kEuro)</b>	1.800				
<b>Annual Funding (kEuro)</b>					
<b>Annual cost (Euro)</b>					
<b>Annual income (Euro)</b>					
<b>Project Achievements</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014 and later</b>
<b>Energy savings electricity p.a. (MWh/year)</b>		2.240	2.240	2.240	2.240
<b>Energy savings heat p.a. (MWh/year)</b>		5.141	5.141	5.141	5.141
<b>Renewable energy capacity installed p.a. (MW)</b>		0	0	0	0
<b>CO2-savings (to/year)</b>		2063	2063	2063	2063
<b>3 - Energy efficient products</b>					
<b>Economic Data</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014 and later</b>
<b>Annual Investment (kEuro)</b>	2.972	2.972			
<b>Annual Funding (kEuro)</b>					
<b>Annual cost (Euro)</b>					
<b>Annual income (Euro)</b>					

# Status of SEP evaluation

- Evaluated SEPs in topics (14 October 2011)



# *SEP evaluation – Next steps*



- D 4.2 1<sup>st</sup> Evaluation Report on the 1<sup>st</sup> phase of SEP promotion (due with IR I 2011), 5 pages per ENNEREG region
- D 4.3 2<sup>nd</sup> Evaluation Report (2012)
- PI evaluation will contribute to D 1.2 Evaluation Report (due in April 2013)

# *Thank you*

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