



NIMSEC
Novel and Integrated Model of
Sustainable Energy Communities

EXTERNAL EVALUATION REPORT

July 2008



Local Energy Agency
Pomurje



Soluciones Renovables



Universidad de
Salamanca



Municipality of Karlovo



Regional Energy Agency
of Pazardjik



Smart House Martjanci



Provincial Energy Agency of
Cadiz



Association of
municipalities and
towns of Slovenia



Regional development
Agency of the county
Međimurje

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PROJECT DATA

Full title of the project: **Novel and Integrated Model of Sustainable Energy Communities**

Acronym of the project: **NIMSEC**

Contract N°: **EIE/07/221 SI2.467621**

Duration (in months): **26**

Coordinator name/ organisation/ e-mail/ telephone number:

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EXTERNAL EVALUATION REPORT

First external evaluation report (months 1-6): performed by **Spectra Consulting Tecnológico S.L. (Madrid, Spain)**

PARTICIPANTS



Local Energy Agency Pomurje



Soluciones Renovables



Universidad de Salamanca



Municipality of Karlovo



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PROJECT OVERVIEW

MAIN GOAL of the project

The NIMSEC project focuses on improving and surpassing the local level energy efficiency, and increasing the overall share of renewable energy production. This is to be achieved through a series of broad, sequential, and all encompassing actions aimed at creating a novel, pro-active and broadly supported type of Sustainable Energy Communities (SEC from hereon). These will, in turn, permit to bring down the local market, training and awareness barriers and penetrate different sectors, from the local administrations over to industrial and/or agriculture sector as well as the general public.

To do so, the project will be carried out in line with 5 strategic objectives (set out in a logical sequence).

Strategic OBJECTIVES 1 and 2:

- Exhaustive energy balance analysis of the participant territories (Spain, Slovenia)
- Formulation of a novel SEC model based on concrete energy efficiency measures and pilot initiative involving Smart Energy Efficiency Houses/Corners.

Strategic OBJECTIVES 3, 4 and 5

- Implementation of concrete market measures in each of the three strategic areas: local administrations, industry/agriculture and general public.
- High profile pilot actions in the field of energy efficiency and renewable energy.
- Supporting promotion and training initiatives.

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TASKS TO BE COMPLETED UNTIL MONTH 6

	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6
WP 1						
1.0 Launch						
1.1 Management						
1.2 Progress/Interim/Final reports						
1.3 Internal/external evaluation						
WP 2						
2.0 Gather energy balance data						
2.1 Initial energy audits						
WP 6						
6.0 Dissemination plan						

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PROGRESS OVERVIEW

WP1 Project Management

The launch of the NIMSEC project was marked with the kick-off meeting i.e. the first Consortium Project Meeting in Martjanci, Slovenia. The meeting was organised by the NIMSEC Project Coordinator – LEA Pomurje and took place in March 2008.

The kick-off meeting served as the perfect way to establish the direct contact between all the partners in the project and it was formalised by the signing of the Consortium Agreement.

In addition, this meeting was used to establish the detailed work-flow of the NIMSEC Project and to officially adopt the Coordination, Management and Evaluation plan which, together with the Annex I of the Contract **EIE/07/221 SI2.467621** is the backbone of the Project that will provide the smooth execution and elaboration of the envisioned tasks.

Being that SPECTRA Consulting Tecnológico S.L. assisted the kick-off meeting we were able to observe the work atmosphere and the dedication of all the partners in order to guarantee the achievement of all the tasks set out in the project work plan.

The Coordinator – LEA Pomurje has been, without any doubt, the leader of WP1 and has continuously put in all its efforts in order to efficiently coordinate the work flow and the cooperation among all partners.

Having in mind that the coordination is a task that extends throughout the entire duration of the NIMSEC Project, LEA Pomurje will continue to execute the tasks that will originate from the project management and coordination.

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WP2 Current Energy Balance

Tasks carried out on schedule

LEA Pomurje has disseminated the technical description with guidelines on in-depth audit and analysis of the current energy outlooks to be performed in partners' regions. After partners sent summary of their regional contributions, based on common agreed structure, LEA Pomurje has compiled the work into one common report, showing also comparison between different regions.

After giving the required instructions all the responsible partners have submitted the data gathered for their corresponding areas to the project coordinator and have thus contributed within their designated obligations.

Up until now it can be underlined that the execution of the tasks of WP2 is going in accordance with the stipulated timeframe and on schedule. So far, neither difficulties nor problems have been detected and the gathered energy data has been processed by LEA Pomurje and presented in the common report that is fully reflecting the real situation and differences in the corresponding regions.

This way, the basis for the forthcoming tasks has been set and the work plan is going on schedule.

Tasks that have been carried out before due date

Leading WP2, LEA Pomurje has distributed technical description with guidelines on in-depth audit and analysis of the current energy outlooks to be performed in partners' regions. After partners sent summary of their regional contributions, LEA Pomurje has compiled the work into one common report, thus showing comparison between different regions.

On the local level, LEA Pomurje has carried out comprehensive energy audits in 8 municipalities of Pomurje region, which have the least encouraging energy performance in terms of energy production and consumption. They have also supported other 2 national NIMSEC partners, Bistra Hiša and Association of Towns and Municipalities, in performing and finalizing their reports.





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As a result, a comprehensive audit report has been prepared in national language and a summary of main findings in English language.

REAP has carried out the initial energy audit in accordance with the actual consumption in different target sectors using data obtained by the Municipal Administration of Karlovo. Within its duties REAP prepared the report for Task 2.1. “Study on the current rate of energy production and consumption in Municipality of Karlovo”.

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WP6 Communication and Dissemination Activities

Within the scope of the present work package the partners were supposed to prepare, elaborate and adopt the Communication and Dissemination Plan (set out in Annex I as Deliverable 16). The Regional Energy Agency of Pazardzik was the partner that was the leader of this task within WP 6 and thus the partner in charge of developing the Communication and Dissemination Plan.

The Communication and Dissemination Plan was developed on schedule and with strong assistance provided from the SOS from Slovenia and the coordinator, LEA Pomurje.

The outcome of this WP 6 at this stage of the Project has been the adoption of the Communication and Dissemination Plan by all partners and its implementation from the very start.

Although the Annex I of the NIMSEC Project stipulates the creation of the Project website as a deliverable in month 7 of the project calendar, REAP and the other consortium partners have deemed necessary to have a project webpage from the very start of the activities and have therefore developed the webpage <http://nimsec.info> that contains the projects objectives, information of the partners, expected results and the dissemination information.

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Other project advances made before deadline

Within WP 4 LEA Pomurje has made contact with Bistra Hiša Institution in order to elaborate the establishment of the Smart Energy Efficient House. They have held several meeting coordinating the task and contemplating the possible solutions for the permanent exhibition.

LEA Pomurje has forwarded information about NIMSEC to local and national media. More specifically, articles about NIMSEC were published in the following specialized press:

- ▲ **»Energetika.net«** is the leading energy portal in Slovenia which incorporates news (with their e-newsletter), advising, promotion, services, etc. In all this way it is actually a one-stop-shop e-portal for energy issues. NIMSEC project announcement on the portal can be found under:
<http://www.energetika.net/portal/index.html?ctrl:id=page.default.knowledge&ctrl:typ e=render&ec%3Adet=54591>

- ▲ **Bulletin “Učinkovito z energijo”**, issued by the Sector for energy efficiency and renewable energy activities, acting within Slovenian Ministry for Environment and Spatial Planning

- ▲ **ČaSOSpis** – Monthly newspaper, issued by Association of Towns and Municipalities and with international standardized serial number ISSN 1581-8500. The newspaper is being printed in 1.100 copies and distributed among following actors:- Slovenian Municipalities, mayors, municipal administration, heads of municipal sectors and municipal council
 - Government (ministers, state secretaries)
 - Members of national parliament
 - Members of national council of the Republic of Slovenia



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➤ other national and local stakeholders.

- ▲ Other than that, information about NIMSEC project was published also in **Slovenian e-bulletin (called »My Web Handbook«)**. It is a weekly bulletin which implies all the relevant information about new legislation, rules in the economy, public calls or tenders, invitations, business networking etc.

Within the WP5 LEA Pomurje has contacted Technical universities in Slovenia and informed them about the upcoming NIMSEC e-course. Universities expressed support in engaging and motivating students to join the course.

Taking advantage of the established NIMSEC network, LEA Pomurje was pleased to participate in the workshop of REDEA Čakovec and present NIMSEC activities. The Croatian NIMSEC partner organized a workshop entitled "Role of Local Energy Agencies in terms of regional development". The workshop with international scope, where also a representative of Managenergy participated, was organized in the framework of "Renewable energy sources and contemporary construction Fair" held in Medjimurje, Croatia in May 2008.

Representative of LEA Pomurje took part at the Coordinators' meeting in Brussels in March 2008, where we had opportunity to exchange experience with coordinators of both key actions, i.e. SEC and STEER, but also more specifically learning about other SEC project highlights, experience and results, which can be integrated into NIMSEC actions.

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HOURS PER WP until month 6

	WP1 total	WP1 until month 6	WP 2 total	WP 2 until month 6	WP3 total	WP3 until month 6	WP 4 total	WP 4 until month 6	WP5 total	WP5 until month 5	WP 6 total	WP 6 until month 6	WP7 total	WP7 until month 6
LEA Pomurje	785	184	460	290	170	0	564	0	250	16	360	48	150	40
		23,00%		63,04%		0,00%		0,00%		6,40%		13,33%		26,67%
SolRen	195	48	130	129	0	0	970	120	0	0	40	0	0	0
		24,62%		99,23%		0,00%		12,37%		0,00%		0,00%		0,00%
USAL	305	32	740	452	0	0	0	0	840	328	26	48	0	0
		10,49%		61,08%		0,00%		0,00%		39,04%		18,46%		0,00%
Karlovo	275	128	420	289	130	0	720	0	420	16	280	40	0	0
		46,54%		68,80%		0,00%		0,00%		3,81%		14,29%		0,00%
REAP	275	55	320	213	130	0	300	0	100	0	500	140	150	0
		20,00%		66,56%		0,00%		0,00%		0,00%		28,00%		0,00%
Smarthouse	100	32	305	195	150	0	1220	72	10	0	95	8	0	0
		32,00%		63,93%		0,00%		5,90%		0,00%		8,42%		0,00%
APEC	250	162	500	312	180	0	720	0	290	16	355	80	90	0
		64,80%		62,40%		0,00%		0,00%		5,52%		22,54%		0,00%
SOS	225	72	344	298	820	0	250	0	420	48	500	64	120	0
		32,00%		86,63%		0,00%		0,00%		11,43%		12,80		0,00%
REDEA	305	78	476	431	0	0	790	10	840	0	290	48	24	0
		25,57%		90,55%		0,00%		1,24%		0,00%		16,55%		0,00%
Koncar	385	80	81	50	140	0	2100	112	490	0	30	4	148	0
		20,78		61,73		0,00%		5,33%		0,00%		13,33%		0,00%