

SEC-Tool Partners

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2. Strasa, Latvia
www.strasa.com
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4. BAPE, Poland
www.bape.com.pl
5. SAPE, Poland
6. EMD, Denmark
www.emd.dk
7. SEVEn, Czech Republic
www.svn.cz
8. CEBra, Germany
9. Energy Agency of Plovdiv
– EAP, Bulgaria
www.eap-save.org
10. Municipality of Karlovo, Bulgaria
11. Municipality of Chepelare, Bulgaria
12. Fedarene, Belgium
www.fedarene.org
13. TCC – ALAL, Lithuania
14. Municipality of Trakai, Lithuania
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Supported by

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Intelligent Energy – Europe is an EU programme to boost energy efficiency and the use of renewables. With a total budget of €250 million, it co-finances activities, which support the objectives of the programme and hence EU energy policy.

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Intelligent Energy  Europe

Promotion of Sustainable Energy Practice at Community level in EU's New Member States & Candidate Countries

www.sec-tools.net

SEC Tools



Sustainable Energy Communities

Objectives:

Communities in New Member States (NMS) and Candidate Countries (CC) are facing a large need for energy efficiency improvement & further use of renewable energy. The SEC-Tools project entails a systematic approach to meet this challenge in form of:

- ▶ Elaborating and refining generic tools for communities in NMS/CC
- ▶ Undertaking pilot actions in selected communities
- ▶ Targeted dissemination to communities and market actors in all NMS/CC

Description of work:

The SEC-Tools project is composed of the following work packages:

- ▶ WP1 Project Management
- ▶ WP2 Energy Service Community Tools
Concerns elaboration of **generic tools** with a view to encourage qualified sustainable energy practice. A key element in this will be elaboration of a comprehensive **'Toolbox'** aimed for adoption in communities in NMS/CC at broad scale.
- ▶ WP3-5 Community Pilot Actions
Comprises the project's **pilot actions in 9 selected communities in NMS/CC**, respectively one in Latvia, three in Lithuania, one in Poland, one in the Czech Republic, two in Bulgaria and one in Eastern Germany. The scope of work will be centred around:
 - Local energy planning
 - Energy market activation
 - Mobilisation of end-users
- ▶ WP6-7 Project Dissemination
Comprises a comprehensive work programme with focus on direct and target oriented dissemination to communities in NMS/CC

Project period: January 2006-December 2008

SEC Toolbox

The SEC-Toolbox is to facilitate qualified sustainable practice at community level. Its basic **content & structure** is shown below:

Local energy planning	Market Analysis Tool Development Options Tool Scenario Analysis Tool Energy Planning Methodology Tool
Local energy market	Guideline on Project Development & External Requirements Project Analysis Tools Financing Catalogue Guidelines on Energy Services
Mobilising end-users	Concepts for involvement of end-users in local service companies Energy Management Tools Integrated Information Systems Energy saving campaigns

The Toolbox will be made in co-operation of EU10 and NMS/CC experts. It will take point of departure in typical needs of communities in terms of developing a sustainable energy system.

SEC-Tools will partly consist of software tools and supplementary guidelines following the above structure. The relevance and usefulness of the tools will be tested via the project's pilot actions.

When developed Toolbox will be made available for download at the project website;
www.sec-tools.net

Community Pilot Actions

Latvia: Iecava

- ▶ Iecava is a town of nearly 10,000 inhabitants located south of Riga. A core part of the pilot action will be to update an existing heat supply plan and undertaking a dedicated effort for implementing renewable energy.

Lithuania: Kelme, Trakai and Kaisiadorys

- ▶ Kelme, Trakai and Kaisiadorys are towns of respectively 11,000, 6,000 and 10,000 inhabitants. The pilot actions will explore the possibilities for introducing renewable energy (biofuel and biogas) in the district heating supply as well as energy saving measures (energy management in public buildings and mobilisation of end-users).



Picture from Pilot Community in Kelme, Lithuania

Poland: Ustka

- ▶ Ustka is a town of 7,500 inhabitants located west of Gdansk. The scope of work concerns gradual replacement of coal with less polluting fuels such as gas, heating oil, biomass or solar energy combined with end-use measures.

Czech Republic: Milevsko

- ▶ Milevsko is a town of 9,500 inhabitants located in the South Bohemian Region. The pilot action will promote more effective energy use in municipal buildings and reconstruction of the district heating system.

Bulgaria: Karlovo and Chepelare

- ▶ Karlovo and Chepelare are towns of respectively 29,000 and 6,000 inhabitants, both located in mountainous areas and serving tourist resorts. The key aim of action is to promote renewable energy solutions and undertaking campaigns for raising awareness of sustainable energy.