



## OFFICIAL PARTNER APPLICATION FORM

### SUSTAINABLE ENERGY EUROPE

A European campaign to change the landscape of Energy

Please send the completed form back to:

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### Project description

<b>Title</b>	Heat recovery from flue gasses in Riga city District Heating plants	State the name/slogan/title of the project or programme, under which your Sustainable Energy Partnership will be identified throughout the Campaign (max 200 signs)
<b>Summary</b>	<p>The objective of the project is to implement best available technology (BAT) in city heat production, promote climate tackling activities and to disseminate experience of energy efficiency achievements in both local and international level</p> <p>Nations of the world, including those in Europe, are searching for solutions to mitigate climate change and with a strong focus upon local and renewable energy resources and improved energy efficiency. As experts in local conditions, local authorities can play a key role in addressing the new challenges and in the implementation of concrete energy efficiency improvement measures. The municipal agency ' Riga Energy Agency' is being created with the assistance and co-financing of the EU. A long-term vision document -The Riga City Heat Supply Development Concept 2006 – 2016 includes also the main energy efficiency measures in Riga and one of them had also been taken: the increase of the energy performance of heat generation equipment through the introduction of flue-gas heat utilization with condensation. It will allow to utilize extra heat in the number of heat plants without incineration of fuel. Annual progress reports of The Riga City Heat Supply Development Concept 2006 – 2016 were prepared by Riga Energy Agency. Riga City Council signed the Covenant of Mayors with an active assistance of Riga Energy Agency last year. Now SEAP of Riga City is under development and the introduction of flue-gas heat utilization with condensation by the Riga City DH company "Rigas Siltums" - is going to be included in the list of energy efficiency improvements of SEAP. JSC "Rigas Siltums" is the main heat supplier in Riga city. Riga municipality owns 49% of the shares of JSC "Rigas Siltums". JSC "Rigas Siltums" manages heat transmission, production and supply. JSC "Rigas siltums" market share is about ¾ of all heat demand in the city.</p>	Provide a general description of the project, outlining its global aim and concrete objectives. Maximum 25 lines
<b>Website</b>	<a href="http://www.rea.riga.lv/EN/sustenergy.html">http://www.rea.riga.lv/EN/sustenergy.html</a>	

<b>Promotional description</b>	The project aims at implementing energy efficiency improvement measures using new technology which allow to reduce GHG emissions in heat production of city and will be example for sharing experience to other heat suppliers in both local and international level	Please provide a one-sentence summary of the programme or project. This will be used to promote you're the Partnership on the Campaign website (eg. "A project to build and promote wind farms in France" or "Organisation of an Annual Energy Week in Finland")
<b>Start date</b>	November, 2008	
<b>End date</b>	October, 2010	
<b>Beneficiaries</b>	Citizens; Local authorities; regional and local DH operators; Stakeholders	Please describe the direct beneficiaries of your project (eg. Individual consumers, education, industry, commerce, agriculture, manufacturers, housing companies, etc.)

## Project details

<b>Policy background</b>	Riga City Heat Supply Concept for years 2006 - 2016	If applicable, please provide details (maximum 10 lines) of the <a href="#">framework policy</a> within which the project or programme is working.
<b>Geographical scope</b>	<input type="checkbox"/> Local <input checked="" type="checkbox"/> Regional <input type="checkbox"/> National <input type="checkbox"/> International Country/region: Latvia/Riga	Please indicate the geographical scope of your programme or project. (Tick all that apply)
<b>Campaigning area's</b>	<input type="checkbox"/> Sustainable Energy Communities <input type="checkbox"/> Market Transformation Including Voluntary Commitments <input type="checkbox"/> Promotional, Communication and Educational Actions <input checked="" type="checkbox"/> Demonstration and Dissemination Projects <input type="checkbox"/> Co-operation Programmes	Please indicate from the following list, the Main Campaign Area that best reflects the context of your project. (Tick one box only)
<b>Energy related results</b>	The implementation of project shall reduce Natural gas consumption by at least 2.64 Million m3/annum	Please describe the energy related, technical and economic results to be achieved and/or already achieved by your project (eg. KWh reduced, kWh renewable heat/electricity produced).
<b>Environmental impact</b>	The implementation of project will reduce CO2 for at least 4960 ton/annuml	Please indicate environmental benefits brought about by your project. If possible, indicate estimated reduction in CO2 emissions.

## Monitoring

<b>Monitoring:</b>	Annual Progress is monitored by Riga Energy Agency throught District heating company annual production and environmental	How is progress in your project monitored? Please provide details of in-
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reports, as well as Progres reports of Riga City Heat supply concept. Daily monitoring executed by permanent flue gas metering stations,e.t.c.

house or independent monitoring procedures currently in place (internal audits, quality management, ISO quality norms, client reports, etc.)

**How often does such monitoring occur?**  
Annual  
other :

**Monitoring impact**  
Permanent flue gas metering station, heat, water and gas meters connected to data collection IT sistem ensure long term data collection and availability for analysis

If possible, please give details of how the above-mentioned monitoring procedures will impact the project and who is responsible for any possible future reorientation of the project.

## Project Promoter

### Main Promoter

Please indicate the main organisation responsible for the implementation of the programme or project with which you would like to join the Sustainable Energy Partnership.

Name Riga Energy Agency  
Country LATVIA  
Website www.rea.riga.lv  
Nature Energy agency

### Other Promoters

Where applicable, please indicate below other organisations involved in the realisation of this programme or project.

Name JSC "Rigas siltums"  
Country LATVIA  
Website www.rs.lv  
Nature District heating company

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## Contact information

### Main Contact

Please indicate the contact details of the person making this application. The same person should also sign and return the Partnership Declaration form.

Name Maija Rubina  
 Position Director  
 Organisation Riga Energy Agency  
 Street Brivibas street  
 N° 49/53  
 Postal code LV-1010  
 City Riga  
 Country Latvia  
 Tel +37167012350  
 Fax +37167181171  
 Email rea@riga.lv

### Secondary Contact

Please state a contact person (if different from the person mentioned above) to be responsible for all day-to-day contact with the European Commission concerning the SE Partnership.

Name Aris Zigurs  
 Position Board chairman  
 Organisation JSC RIGAS SILTUMS  
 Street CESU STR  
 N° 3A  
 Postal code 1012  
 City RIGA  
 Country LATVIA  
 Tel +37167017359  
 Fax +37167017363  
 Email aris.zigurs@rs.lv

## Implementation schedule and Actions

### Action/milestone

Please describe the past and future actions and milestones of your project/ programme, together with implementation or achievement dates

### Implementation date

Installation of condensing heat economizer for the heat plant of Trijadibas street	November, 2008
Installation of condensing heat economizer for the heat plant of Keramikas street	July, 2009
Installation of condensing heat economizer for Imanta CHP	31.11.2009
Presentation in the Seminar of International Energy Days of Riga: Utilization of flue gas heat in Riga heat plants by implementation of condensing heat economizers	16.10.2009.

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Preparation of Brochure:Utilization of flue gas heat in Riga heat plants by implementation of condensing heat economizers 01.03.2010.

Presentation of the report in the Seminar of International Energy Days of Riga: Utilization of flue gas heat in Riga heat plants by implementation of condensing heat economizers. October, 2010

**Degree of achievement**

Please describe the extent to which you have already achieved your projects goals to date

Installation of heat recovery condensing economizer installation is finished, commissioning of the last one in the list is expected in coming weeks.

**Financial Sources**

**Total Project budget**

District heating company invest in technology 0.98 Mil EUR,

Please provide an overview of the financing of your project.

**Financial Source**

**% of total budget**

Credit establishment

100

**Various Information**

**How did you get information to apply to the Sustainable Energy Europe Partnership?**

- PR desk of the campaign
- Internet research
- Campaign associates (please specify)
- Commission official (please specify)
- Media (please specify)
- Other (please specify)

