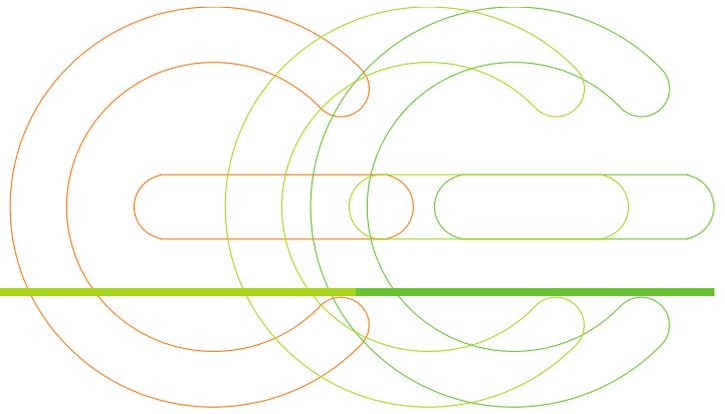


stEEP

Support & Training for an Excellent
Energy Efficiency Performance



Local Energy Communities Actions Plans

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1. Executive summary

The experimental pilot Local Energy Communities (LEC) aims at creating and maintaining a local dynamic between the companies that have benefited from the STEEEP support and SMEs that benefit from the fruits of this work by rebound. LECs of SMEs are set up in 7 different countries (Croatia, Estonia, France, Italy, Latvia, Spain and Romania) and are followed by local Chambers of Commerce and Industry (CCIs) to pursue common goals in the field of energy efficiency.

In substance, for the purpose of shifting from a purely individual approach of energy efficiency (EE) to a collective approach, 5 SMEs, including one SME already involved in the STEEEP project (STEEEP SME), in each participating country, meet with the local CCI in charge every second month, in a session animated by a local CCI energy advisor. The objective of these meetings is the transfer of know-how by the lead SMEs to the LEC members and the agreement on a common strategy, a shared local action plan and subsequently the implementation of a common energy efficiency action by some LEC members.

The objectives of these LECs are:

- common procurement of energy / resource efficiency consultation service (Estonia, Spain);
- to mutualise acquisition of products or machinery in order to improve the energy efficiency of the SMEs involved (Spain);
- to encourage involved SMEs to install PV panels notably through common procurement of solar panels (Croatia, Estonia)
- to enhance the exchange of good practices among SMEs (France, Romania, Latvia);
- to deploy smart metering among the companies (France, Latvia, Croatia);
- to implement a collective approach towards ISO 50001 certification (France, Romania)
- to study the opportunity and eventually the feasibility to implement in the future a local inter-company smart grid (all)
- to foster the development of smart grids solutions and to enhance B2B relations between offer and demand-side SMEs in the energy sector (France)
- to introduce best practices on energy management and energy efficiency within the existing environmental program of an industrial park consortium (Italy)
- to foster the dynamic among companies interested in working to improve their energy efficiency (Spain);
- to identify the circumstances in which the companies involved would collaborate with each other in order to be more energy efficient (Spain);
- to encourage innovations in energy efficiency (Latvia).

2. The Local Energy Communities - objective

The experimental pilot Local Energy Communities (LEC) aims to shift energy management from an individual approach to a collective one. Jointly improving energy management systems and the direct stakeholders' engagement represents a step forward also for the establishment of favourable conditions to implement actions.

To achieve this, the CCIs action consists firstly, in identifying companies interested in participating in a local dynamic. Secondly, to include few of them in an active group of SMEs, the so-called LECs, and boost the LEC's action by adding to it the multipliers and animating, within STEEEP project, physical or virtual work sessions so that members of a given LEC agree on an action to be implemented in the near future, selected from the set of proposed energy efficiency opportunities.

Therefore, the rationale behind the LEC is the impulse of a dynamic between actors who are concerned and are encouraged to take collective action for a greater energy efficiency level.

3. Possible Actions and Benchmarking

Before the constitution of such Local Energy Communities, the local Chambers of Commerce (CCIs) involved identified a list of potential actions¹ to be implemented within the LEC and researched for possible related national initiatives to capitalize or build upon existing experiences². CCI advisors in charge firstly assess the potential impact of the actions via an analysis both in terms of energy savings potential and in terms of timeframe (i.e. the action has a short, medium or long impact in the energy reduction), favouring actions with a high energy efficiency impact. Secondly, by using the assessment criteria identified (total amount of investments required, preparation time, expertise and critical mass of SMEs to be involved) they evaluate which actions can be implemented locally by the Local Energy Community.

4. Local Action Plans

During the regular meetings with the Community involved actors will cooperatively and progressively define a Local Action Plan. This document summarises the community objective(s), structural organization, as well as common resources available to implement investments of common interest in the field of energy efficiency. Each LEC will discuss with the CCI the feasibility of one or more potential actions identified according to energy needs of each region.

¹ For the complete list of actions refer to point 6

² For the list of existing initiatives for each actions refer to point 7

5. Smart Grids

The LEC will study, through a SWOT analysis, the opportunity and eventually the feasibility to implement in the future a local inter-company smart grid.

The implementation of smart grids will be promoted by the Chamber of Commerce and Industry to the Local Energy Community as an “ultimate goal” depending on the local context, in particular depending on the country legislation regulating the field. This approach takes into account the overall budget required for current smart grids experimentations, e.g.

- NiceGrid project³: budget = 30 Million € - 10 partners - 22 firms, 200 households - 2,5 MWp solar - 1,5 MW storage
- SmartZAE project⁴: budget = 4,1 Million € - 4 partners - 1 company - 195 kWp solar & wind - 2 x 100 kWh storage

In pursuing the ambitious goal of implementing in the future inter-company smart grids, the main LECs focus should firstly be the fostering of smart metering and the enhancement of smart consumers. There are simple ways to increase energy savings and energy efficiency: contributing to the roll-out of electricity smart meters by Distributor Systems Operators (DSOs) and helping companies to adjust their electricity consumption (mostly in buildings) in the perspective of “peak shaving”, while promoting innovative “flexibility offers” from suppliers. In this context, CCIs advisors should be able to act as animators on their territories within the Local Energy Communities. Thus, they should ensure the link between DSOs, electricity suppliers, local authorities, SMEs and companies’ networks.

³ For further information: <http://www.nicegrid.fr/>

⁴ For further information: http://www.scle-sfe.fr/fr/Smart-ZAE/33_5_17/

ST: Short term
MT: Medium Term
LT: Long Term
~ 0:
+ :
++:

6. List of potential collective actions

Type of action	Description / details	Partners to be involved	Impact of action			Assessment criteria							
			EE potential (scale from 0 to 5)	Timeframe			Investments needed			Time required for the preparation of action	Technical expertise needed	Critical mass of SMEs	
				ST	MT	LT	Amount	What for? *Equipment *Consultancy *Services					
						E	C	S					
Operational actions													
1	Networking and exchange of EE good practices - possibly via the following approaches: * industrial approach: exchanges between groups (major contractors) and local SMEs * territorial approach: exchanges between SMEs on a given territory * sectorial approach: exchanges between SMEs in a given activity sector	1.1 Industrial approach	* Major contractors * Energy providers and/or experts				~ 0				+	+	+
		1.2 Territorial approach	* Local authorities * and/or industrial or commercial areas' managers * and/or companies' associations/clubs * Energy providers and/or experts				~ 0				+	+	+
		1.3 Sectorial approach	* Clusters, federations * Energy providers and/or experts				~ 0				+	++	+
2	a. Collective training of internal energy auditors	This action may be linked to multilateral training (workshops – WP4)	* Energy experts				+		X		++	++	+

Type of action	Description / details	Partners to be involved	Impact of action			Assessment criteria							
			EE potential (scale from 0 to 5)	Timeframe			Investments needed			Time required for the preparation of action	Technical expertise needed	Critical mass of SMEs	
				ST	MT	LT	Amount	What for?					
								*Equipment	*Consultancy				*Services
			E	C	S								
Operational actions													
	b. Organization of cross internal energy audits between SMEs	This action can be implemented after the training (probably very late in the project)	None				~ 0				+	++	+
3	Collective approach towards ISO 50001 certification at industrial/commercial area level		* Industrial or commercial areas' managers * and/or companies' associations/clubs * Energy experts				+		X		++	++	++
4	Mutualisation of Energy Savings Certificates (only where applicable)	Mutualisation of SMEs' certificates and collective negotiation with energy providers	* Energy providers				~ 0				+	++	++
5	Mutualisation of energy purchases	Mutualisation of SMEs' energy needs and collective negotiation with energy providers	* Energy providers				~ 0				++	++	+

Type of action	Description / details	Partners to be involved	Impact of action			Assessment criteria							
			EE potential (scale from 0 to 5)	Timeframe			Investments needed			Time required for the preparation of action	Technical expertise needed	Critical mass of SMEs	
				ST	MT	LT	Amount	What for?					
								*Equipment	*Consultancy				*Services
			E	C	S								
Operational actions													
6	Mutualisation of equipment purchases (e.g. LED lighting)	Eligible equipment needs to be discussed with local partners	* Companies' associations/clubs * Equipment suppliers				++	X			++	++	++
7	Mutualisation of equipment usage (e.g. metering device)	Eligible equipment needs to be discussed with local partners	* Companies' associations/clubs * Equipment suppliers * Energy experts				+	X			+	+	+
8	Mutualisation of services (e.g. maintenance on equipment)	Eligible services need to be discussed with local partners	* Companies' associations/clubs * ESCOs (energy services companies)				++			X	++	++	++
9	Mutualisation of human resources (e.g. energy manager shared between different SMEs)		* Companies' associations/clubs * HR / recruitment firms				++			X	++	+	++

Type of action	Description / details	Partners to be involved	Impact of action			Assessment criteria							
			EE potential (scale from 0 to 5)	Timeframe			Investments needed			Time required for the preparation of action	Technical expertise needed	Critical mass of SMEs	
				ST	MT	LT	Amount	What for?					
								*Equipment	*Consultancy				*Services
						E	C	S					
Operational actions													
10	Energy recovery / Technical synergies between industrial SMEs' processes	This action has a direct impact on the reduction of energy purchases, but not necessarily on EE * Energy experts * Industrial areas' managers * Local authorities * Financers * others...				+++	X	X		++	+++	+	
11	Shared production of renewable energy (e.g. photovoltaic electricity in order to recharge a minibus for a group of SMEs)	* RES equipment constructors * Installation engineers * Industrial or commercial areas' managers * Energy network manager * Energy provider * Financers * others...				+++	X	X		++	+++	++	
12	Implementation of an inter-company electric smart grid	EE potential to be better assessed during WP5 training in Nice * Industrial or commercial areas' managers * Local authorities * Financers * Energy network manager * Energy provider * Battery constructors/suppliers * others...				+++	X	X		+++	+++	+++	

Type of action	Description / details	Partners to be involved	Impact of action			Assessment criteria							
			EE potential (scale from 0 to 5)	Timeframe			Investments needed			Time required for the preparation of action	Technical expertise needed	Critical mass of SMEs	
				ST	MT	LT	Amount	What for?					
								*Equipment	*Consultancy				*Services
			E	C	S								
Operational actions													
13	Implementation of platforms for the matching between "offer" and "demand-side" SMEs	* Energy-sector clusters * Companies associations/clubs * others...				+			X	++	+	+++	
14	Enrolment of private or public partners to support the long-term implementation of LECs and/or the continuous assessment of SMEs' EE performance	* Industrial or commercial areas' managers * and/or companies' associations/clubs * and/or clusters, federations * and/or local authorities * and/or major contractors * and/or energy providers * and/or others...				~ 0				++	+	++	
Valorisation actions (can only be consequences of operational actions)													
15	Organization of "energy awards" (individual and/or collective)	Awards for SMEs and/or groups of SMEs Annual awards or at the end of STEEEP project?				~ 0				+	+	++	
16	Assistance to SMEs for the promotion of their EE involvement (individual and/or collective)	* Multipliers * Media * PR agencies				~ 0							

7. Benchmarking

The table below reports for each action: name of initiative / structure and whenever possible territory, obstacles and success factors as well as link towards the relevant website.

1	<p>Networking and exchange of EE good practices - possibly via the following approaches:</p> <ul style="list-style-type: none"> * industrial approach: exchanges between groups (major contractors) and local SMEs * territorial approach: exchanges between SMEs on a given territory * sectorial approach: exchanges between SMEs in a given activity sector
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* industrial approach: exchanges between groups (major contractors) and local SMEs

ESTONIA:

Pakri Science and Industrial Park: the park is active in this field but major solutions still in developing (beginning) phase (<http://pakri.ee/>)

ITALY:

Consorzio Ambientale Castello di Lucento: some of the companies involved in the consortium have realized some good practices in energy efficiency that could be shared with others companies interested in the topic. (www.consorzioambientalelucento.org)

* territorial approach: exchanges between SMEs on a given territory

ESTONIA:

Many project are following the territorial approach, but these are still in developing phase of initiatives:

- www.hiiuvald.ee,
- www.pakri.ee/et,
- www.facebook.com/vaikejalajalg
- <http://vov.matti.ee/kopuvv>
- www.vormsi.ee,
- www.pea.ee

* sectorial approach: exchanges between SMEs in a given activity sector

ESTONIA:

There are no actions following the sectorial approach. All planned stage initiatives are planning to use energy cogeneration sources (solar, biomass, ground source heat pump, wind, hydro).

FRANCE:

Comité Stratégique de Filière Régionale Chimie-Matériaux:

It concerns the chemical industry in Provence –Alpes Côte d' Azur (PACA) region. The committee is setting up of a working group on sustainability / energy issues. This group has just been launched

2	<p>a. Collective training of internal energy auditors</p> <hr/> <p>b. Organization of cross internal energy audits between SMEs</p>
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a. Collective training of internal energy auditors

ESTONIA:

In Estonia, these actions are already organized by: Universities (www.ttu.ee , www.emu.ee, www.ut.ee) Tartu Regional Energy Agency (www.trea.ee), Private consulting companies (www.energiateenus.ee)

3 Collective approach towards ISO 50001 certification at industrial/commercial area level

FRANCE:

* AFUZI

In Toulon (PACA) <http://destimed.fr/Premiere-nationale-la-ZI-de-Toulon>. The project is developed in partnership with EDF

ITALY:

Consorzio Ambientale Castello di Lucento: Industrial area managed by a Consortium between SMEs which is already certified ISO14001. The certification could be integrated by an ISO 50001

(www.consorzioambientalelucento.org).

Environment Park: Technology park, managed by a company which is already certified ISO 9001 and ISO 14001 (www.envipark.com)

4 Mutualisation of Energy Savings Certificates

ESTONIA:

EE field is regulated by one single regulation "Energy Efficiency Minimum Requirements" and accordingly the Energy Certificate Label is issued by Ministry of Economy.

FRANCE:

* CCI Maine-et-Loire: <http://www.maineetloire.cci.fr/document-8137-1755-Comparez-les-primas-des-Certificats-d-Economie-d-Energie-.html>

* CCI Alsace: <http://www.alsace.cci.fr/certificats-deconomies-denergie>

ITALY:

Consorzio Ambientale Castello di Lucento

The companies in the industrial area could be involved after checking their interest in the action, because the majority of them is also owner of the building where the SME operates. The consortium doesn't have a specific know how but the actual Italian regulation could allow an experimentation. (www.consorzioambientalelucento.org)

5 Mutualisation of energy purchases

BELGIUM:

- Collective purchase of (green) electricity and gas - offered to individuals and SME's with a maximum electricity-use of 50.000 kWh (LV)

- Collective green - energy purchases is offered by Quares, a private park management company (<http://www.quares.be/en/park-management>)

FRANCE:

* SYNEO:- Valenciennes (North of France)- Mutualisation of electricity and gas supplies via ad hoc collective structure (7 companies)- Obstacles: time and expertise needed (<http://www.polesyneo.eu/page-1601.html>)

* CCI Var: mutualisation of electricity supplies with the local federation of camping sites

* ADETO (Paca): mutualisation of gas supplies

* IDEE Alsace:- Strasbourg (Alsace)- Mutualisation of electricity supplies (call for tenders under way with 4 suppliers)- Difficulties for engaging companies in a collective approach

ITALY:

- Environment Park: The management company already manages the purchase of electricity for all the technology park

- Consorzio Sant'Andrea: Consortium for services to associated SMEs, created by the local Industrial Association of the province of Vercelli (<http://www.confindustria.vercellivallesia.it/organismi-collegati/consorzio-s-andrea>)

6 Mutualisation of equipment purchases (e.g. LED lighting)

BELGIUM:

Project of Chambers Halle-Vilvoorde and Leuven on collective approach of lighting energy saving scan and the possibility to buy energy-efficient lamps (collective purchase)

7 Mutualisation of equipment usage (e.g. metering device)

BELGIUM:

Collective purchase of e-bikes for the distance station - Industripark (Chamber of Commerce Antwerp)

8 Mutualisation of services (e.g. maintenance on equipment)

BELGIUM:

- Mutualisation of the detection of compressed air leaks, relighting-possibilities (Chamber of Commerce Antwerp)
www.voka.be/media/5515268/energiezuinig2504.pdf

- several projects on the possibilities on ESCO's with SME's, the Flemish authority provides subsidies (50% of the total cost) - <http://www.agentschapondernemen.be/artikel/programma-escos-voor-kmos>

9 Mutualisation of human resources (e.g. energy manager shared between different SMEs)

ITALY:

Environment Park:

The company makes the energy management of the facilities of the industrial park, but the single SMEs don't show the need for energy management as a priority www.envipark.com

10 Energy recovery / Technical synergies between industrial SMEs' processes

ESTONIA:

Technical processes as: ventilation/heating/cooling (heat/cold air recovery), biomass (waste, wood mass to recover energy).

<http://www.paikre.ee/>, www.tjt.ee (Tallinn recycling centre)

FRANCE:

* NCIS project:

- Fos Etang de Berre (Marseille Provence)

- Project has just started and will try to trigger energy recovery

11 Shared production of renewable energy (e.g. photovoltaic electricity in order to recharge a minibus for a group of SMEs)

ESTONIA:

Tartu Water project: using waste water to produce biogas for community busses. <http://www.tartuvesi.ee/>

12 Implementation of an inter-company electric smart grid

BELGIUM:

interesting brochure on development of smart grids in Europe:

http://www.smartgridsflanders.be/sites/default/files/broch.10steps_lr-2011-030-0304-01-e.pdf

SPAIN:

Smart grid project "Mirubee": It proposes an electricity metering system whose peculiarity lies in the possibility to capture the electricity data on the individual consumption of each single device connected to the grid and then transmit it to the cloud for further elaboration. www.mirubee.com

FRANCE:

* SMART ZAE project: budget = 4,1 Million € - 4 partners - 1 company - 195 kWp solar & wind - 2 x 100 kWh storage, in Toulouse (Southwest of France)

13 Implementation of platforms for the matching between "offer" and "demand-side" SMEs

BELGIUM:

- The Linear project: Large-Scale Residential Demand Response demonstration -; <http://www.linear-smartgrid.be/en/research-smart-grids>; <http://users.atlantis.ugent.be/cdvelder/papers/2014/strobbe2014isgteu.pdf>

- The meta-PV-project <http://www.metapv.eu/theory>

14 Enrolment of private or public partners to support the long-term implementation of LECs and/or the continuous assessment of SMEs' EE performance

ESTONIA:

Public partners:

- The Development Fund www.arengufond.ee
- Ministry of Economic Affairs and Communications www.mkm.ee
- Tartu Regional Energy Agency www.trea.ee
- Kredex www.kredex.ee
- Environmental Investment Centre www.kik.ee

FRANCE:

* EDF: Réseau Performance Energétique

- in PACA region

- Network of companies exchanging EE good practices

ITALY:

- Consorzio Ambientale Castello di Lucento (www.consorzioambientalelucento.org). The consortium, established in 2001, is a private organization representing most of the companies of the industrial area. It manages a long term environmental program that could be the basis for the implementation of a specific action plan on energy efficiency.

15 Organization of "energy awards" (individual and/or collective)

BELGIUM:

Organisation of "the environmental charter", award for environmental friendly enterprises (Waste, soil, emissions, energy, mobility, ...) by Chambers of Commerce East-Flanders, Antwerp, Mechelen and Limburg.

Chamber Halle-Vilvoorde and Leuven organise "Klimaatambassadeur" an award for SME's that have taken action on carbon reduction (energy efficiency, mobility, ...). <http://www.voka.be/oost-vlaanderen/nieuws/2012/6/milieucharter-positieve-stimulans-voor-een-actief-milieubeleid/>

FRANCE:

* Trophées des Energies en Haute-Normandie: <http://www.energies-haute-normandie.com/appel-a-candidature-aux-trophees-des-energies-en-haute-normandie/>

ESTONIA

Local Action Plan

Organisation: Estonian Chamber of Commerce and Industry (ECCI)

Operational framework

In Estonia, the Local Energy Communities subject is still in trial phase (the first initiatives have been founded and are slowly developing). The Energy Communities initiative in Estonia is supported by the Estonian Development Fund, a state agency. This subject is still in a pilot phase, but the Estonian Development Fund is providing necessary mentoring, expert support and training.

To support first initiatives, The Estonian Development Fund is carrying out the Energy Communities Mentor Program⁵. The aim is to establish a network of energy communities in Estonia for the first time. During the period November 2014 - November 2015, ten participating communities of the Mentor Program have received support and expertise in all the key sectors of creating an energy cooperative: financing a cooperative, legal issues related to its creation, community involvement in creating an energy cooperative, and energy technologies. Furthermore, the participants cooperate with each other and share their experiences. On the basis of the Energy Communities Mentor Program, organizational models for energy communities have been identified, based on which to plan national developments.

By the end of November 2015, two official analyses (implemented by legal firm, ordered by the Estonian state) regarding the current overall situation in Estonia for founding energy communities, as well as international overview of energy communities in other countries are expected to be published.

Community

The Estonian Local Energy Action among interested parties is in the final development phase. After 3 LEC meetings (13.10.2015, 26.08.2015, 17.07.2015) the Community has been developing the concepts and discussing about prevailing concerns for SMEs and the generally interesting topics. Currently, two potential themes are being analysed and will be further developed and selection finalized.

First focus area: the common procurement of resource efficiency consultation service with the aim to implement resource efficiency audit among joined companies. When implemented, the audit has two purposes: it would point out the overall weaknesses in company management and overall processes (including energy efficiency) and would enable it to start implementing corrective actions to save resources (including energy). The second purpose of the audit is that, when implemented the company qualifies to apply Estonian State national funding for implementation of resource efficiency measures with co-funding from Estonian state (the measure is expected to be published and is basically only funding measure that would help to co-finance energy efficiency objectives).

The **Second focus area** under discussion for LEC action is common procurement of solar panels. The background for this has been the interest coming from some of the STEEEP companies during company visits. For some SMEs the energy experts also performed analysis for profitability and payback terms for installation of solar panels.

⁵ <http://energiayhistud.ee/en/energy-cooperatives/energy-cooperatives-mentor-program>

The companies that are participating in LEC activities are located geographically both in north and south of Estonia. Most Estonian and STEEEP companies are located in Tallinn or near the capital Tallinn (north of Estonia).

Delay in selecting the LEC action has been due to time-consuming process of finding a common ground for something useful and interesting for interested companies, as well as financing concern (including payback period) for any procurement or common purchase. The idea for ECCI was to find some financial incentive or support measure to support LEC action if possible.

Objectives

- Common procurement of energy / resource efficiency consultation service.
- Common procurement of solar panels

Organisation

The involved companies for LEC action are mainly STEEEP companies (4 at the moment) as a closer relation has been established with these companies already and their interests in the topic is clear. Leading companies are STEEEP companies Eesti Pagar and Värvikeskuste Grupp.

Activities

Schedule of LEC meetings:

- 17/07/2015 and 26/08/2015
- The LEC activity that has been proved most favourable by participants is common procurement of energy/resource efficiency consultation service, which would enable finalize resource efficiency audit which will be prerequisite to apply co-financing mechanism from state side to implement resource efficiency measures in the company.
- 17.09.2015 - Energy communities' introductory seminar.
- The meeting focused on introducing current options and feasibility of energy production in local energy communities, legislative framework and funding opportunities as well as the first Local Energy Communities initiatives.
- 13/10/2015: Resource efficiency audit
- 18/02/2016: Financial support measures for energy efficiency
- 31/03/2016: Local solar energy production good practices

Common resources

Specified in later stage.

Costs/ Investments

Specified in later stage.

Contact details

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Local Action Plan

Organisation: Cámara Madrid

Community

In Madrid area, two STEEEP industrial companies are interested in being involved in the creation of a local energy community (LEC): Promociones Serigráficas (PROMMOS) and Laboratorios CONDA. The first company is dedicated to the creation, design and manufacture of products for the promotional world. The second company is the first Spanish manufacturer of dehydrated products for microbiology and molecular biology. These two companies will lead this LEC oriented towards industrial companies (although the LEC could be open to other sectors). At the moment there are also two companies outside – STEEEP project interested to be part of the LEC. The Community will include any company located in or around Madrid.

Objectives

The objectives of the LEC are:

- to mutualise energy efficiency services and acquisition of products or machinery in order to improve the energy efficiency of the SMEs involved;
- to foster the dynamic among companies interested in working to improve their energy efficiency; they will be advised by experts that will facilitate decision making and on all issues relating to energy efficiency and collective management of energy resources;
- to identify the circumstances in which the companies involved would collaborate with each other in order to be more energy efficient, bringing, as a result, a reduction of energy consumption and an increase of their savings in energy costs.

Organisation

CCI Madrid will coordinate the LEC, with the following organization:

- one or several companies involved in the overall STEEEP project will lead the LEC, providing other companies with their experience acquired on energy efficiency;
- the LEC will use external expertise to animate the meetings and to support the companies in the implementation of the common actions.
- Various meetings will be held on topics related to collective energy management, during which the companies will decide what specific common action they wish to implement.

Activities

The LEC will be officially created at the end of the first week of November 2015 and the first meeting will be hosted 20th November. The Second meeting will take place on 10th December 2015.

These are the main tasks to be implemented:

- Energy Management Plans in those involved companies outside STEEEP. The target is to know their start point on energy efficiency issues. The STEEEP SMEs will help to this new companies providing information on relevant information to be used in EMP.
- Management of the energy resources and energy services in order to reduce the energy costs. STEEEP SMEs involved in LEC will provide information regarding the improvements achieved on energy contracts after the implementation of Energy Management Plan.
- Information service on public subsidies for improving energy efficiency. Assessment about those public subsidies oriented to improve energy efficiency of SMEs will be provided. This assessment will also include information on rules and steps necessary for the application submission.
- Advisory service on the purchase of equipment and investments. STEEEP SMEs involved in LEC have attended the workshops organized within the framework of the project and they identified possible improvements in its facilities after analysing their Energy Management Plans. That will allow them to share their experience, projects, difficulties, opportunities, etc., with the other companies in LEC. The target is analysis for all businesses involved for mutualisation of equipment purchases at better prices.
- Collective Approach to ISO 50001, to obtain such certification. Companies can share their points of view, the difficulties faced in implementing the system and how they have solved them.
- Obtaining energy certificates of buildings and facilities at competitive prices.

LEC meetings:

- 20/11/2015 Kick-off meeting
- 12/01/2016: how to prepare a visit of the energy consultant
- 15/02/2016: Collective purchase to enhance lighting systems and to buy smart meter box.

Participants' skills and capacity

STEEEP SMEs:

- Promociones Serigráficas (PROMMOS): dedicated to the creation, design and manufacture of products for the promotional world. They have their own machinery
- Laboratorios CONDA: first Spanish manufacturer of dehydrated products for microbiology and molecular biology
- Sermasa: production of promotional products

Involved SMEs:

- Residencia Justo Dorado
- Almecaser
- Dema Gestión

Common resources

Physical resources: CCI Madrid provides the resources necessary to organize the LEC. The LEC meetings will be organized at CCI Madrid premises.

Technical resources: The knowledge acquired during STEEEP project by the two STEEEP companies will be made available to the others participating companies in LEC.

External experts will provide support and guidance to SMEs participating in LEC

Costs/ Investments

There is no financial costs involved for companies in joining the LEC. Possible incurred costs will depend on the external support that may be required to implement the decided actions. These costs will be reduced thanks to the mutualisation of the action.

The companies commit only to attending the 12 workshops that will be organised.

Partners

CCI Madrid

INTELEN, external expert to provide support and guidance.

Contact details

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FRANCE

Local Action Plan

Organisation: CCI Marseille Provence (CCIMP) –PACA

Community

The community gathers companies from the area of Aubagne, Gémenos and La Ciotat, with the impulse of 4 associations animating economic activity zones in this area. Two other organizations are interested to act as multipliers: EDF Entreprises and ERDF, in view to deploy smart metering in this area. The community is still rather informal and was fostered in September 2015 through CCIMP’s annual event “energy & business” in Aubagne.

Objectives

The community aims at enlarging its members and gaining durability with the help of the STEEEP dynamic. Its main objective is to enhance the exchange of good practices among SMEs. It is envisaged to deploy smart metering in this area in 2016-2017 with the help of EDF Entreprises and ERDF.

Organisation

Community meetings are currently held as appendices after STEEEP project workshops.

Activities

- 10/09/15: first community meeting during CCIMP’s annual energy event on smart metering
- 30/11/15: second community meeting
- 18/03/2016: exchange of good practices on lighting & energy performance

Participants’ skills and capacity

Name of Involved SMEs	Key actors	
	Name	Type
STEEEP SME:	EUROS	Medical products
STEEEP SME:	OXYTRONIC	Electronic products
STEEEP SME:	BIOPOLIS	Food industry
STEEEP SME:	SIBELL	Food industry
Additional SME:	<i>TBC</i>	

Interested multipliers	Name	Type
1	Athelia Entreprendre	Association animating an economic activity zone in La Ciotat
2	Syndicat des Paluds	Association animating an economic activity zone in Aubagne
3	Napollon	Association animating an economic activity zone in La Ciotat
4	APAGE	Association animating an economic activity zone in Gémenos
5	EDF Entreprises	Supplier of electricity & gas and energy efficiency services
6	ERDF	Electricity distribution system operator

- 4 associations: mobilization of local companies
- CCIMP: expertise on energy issues
- EDF Enterprises and ERDF: technical support and financial aid on smart metering

Common resources

Coordination currently done by CCIMP within STEEEP project.

Costs/Investments

Preference given to actions with “near-zero” cost for companies and associations.

Form of possible energy generation

Possibility to develop solar energy generation of buildings’ roofs (local actors offering such solutions, interest from associations e.g. Athelia Entreprendre).

Partners

- Athelia Entreprendre: Lilian LAUNAY, Chargé de mission et d’animation
- ASLP des Paluds: Sarah DELAUNAY, Chargée d’animation
- Association Napollon: Sandrine DELAUNAY, Chargée de mission et d’animation
- APAGE: Soizic FRANCOIS, Chargée d’animation
- EDF Entreprises: Thierry VANDERDONCKT, Directeur Développement entreprises PACA
- ERDF: Christophe LEBOSSÉ, Chef de projets smart grids

Contact details

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Local Action Plan

Organisation: CCI Var

CLUB ENERGIE AZUFI

Community

AFUZI (*“Association des entreprises du pôle d’activités de Toulon Est”*) is an association in charge of animating an economic activity zone in the eastern part of Toulon (3rd biggest metropolitan area in PACA region), which gathers approximately 500 companies and 10 000 employees on a 200 hectares industrial area created in 1975.

The association created an energy club in 2014. Its first action was to launch a collective approach towards energy management and ISO 50001 certification, first with EDF Entreprises and then with the help of CCI Var. Michel Hours of CCI Var performed energy audits with 12 pilot-companies in 2014, in view to help them set up a formalized energy management system and meet ISO 50001 standards. This innovative collective action is the first pilot in France.

The leading SME of this community is Energie Côté Sud (already engaged in STEEEP), which is a member of AFUZI’s Board in charge of energy-related matters.

The “Club Energie AFUZI” meets every 2 months, with an average participation of 10 companies. The community should be reinforced through the inputs of STEEEP SMEs and expertise brought by CCI Var.

Objectives

The community’s prime objective is to further implement its collective approach towards ISO50001 certification. It also aims at enlarging its members with the help of STEEEP companies, building up a stronger network and enhancing the exchange of good practices among SMEs. It is envisaged that an annual energy award be organized (in 2016 or 2017) provided that the community reaches a critical mass.

Activities

AFUZI organizes bi-monthly meetings for its energy club.

- First meetings organized in 2014-2015 on energy issues (energy management, lighting, electric vehicles, behavioural aspects...)
- 03/07/15: 1st meeting to explain WP5 framework, LECs’ objectives and list of potential collective actions
- 17/09/15: 2nd meeting (exchange of good practices in the field of energy supplies negotiation, recruitment of new companies)
- 16/10/15: Public presentation of ISO 50001 certification

Dates of next meetings to be confirmed (4 scheduled in 2016).

Participants' skills and capacity

Name of Involved SMEs	Key actors	
	Name	Type
STEEEP SME:	ENERGIE COTE SUD	Energy / construction
STEEEP SME:	CATVERT	Services
Additional SME:	EMAVER	Industrial products for construction
Additional SME:	SMAC SA	Industrial products
Additional SME:	PROMOCASH	Distribution of consumer goods

Interested multipliers	Name	Type
1	AFUZI	Association animating an economic activity zone in Toulon
2	EDF Entreprises	Supplier of electricity & gas and energy efficiency services

- AFUZI: mobilization of local companies
- CCI Var: expertise on energy issues

Common resources

Coordination by AFUZI's General Secretary.

Costs/Investments

Preference given to actions with "near-zero" cost. Possibility to use financial aids from Ademe (French national environment agency) for the organization of some workshops to sensitize SMEs to ISO50001.

Form of possible energy generation

Possibility to develop solar energy generation of buildings' roofs (local actors offering such solutions, interest from energy club).

Partners

AFUZI: Sabine GOTTI, Secretary General

Contact details

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Local Action Plan

Organisation: CCI Nice Côte d'Azur – PACA – France

Community

The “Club Smart Grids Côte d'Azur” gathers companies from the Nice Côte d'Azur territory (second largest metropolitan area in PACA region) around energy efficiency and smart grids issues. Around 40 companies are members of this community, along with some public actors (local authorities, universities, public bodies...). This community is animated by CCI Nice Côte d'Azur and builds upon its actions already engaged since 2010:

- formalization of a charter to facilitate the integration of smart grids in local urban development projects;
- organization of the annual “Innovative City” convention which promotes smart energy use;
- mapping of local companies and valorisation

The leading SMEs of this community are: WIT, Gridpocket, Valénergies, Qualisteo and Le BE. To date, there are 2 STEEEP companies participating in community meetings: Osmose and SII Sophia.

4 commissions have already been set up and meet on a regular basis (every 2 months on average), on the following topics:

- raising awareness;
- communication;
- capitalization on pilot projects;
- training

Objectives

The community's objective is to foster the development of smart grids solutions and to enhance B2B relations between offer and demand-side SMEs in the energy sector. It also aims at enlarging its members with the help of the STEEEP dynamic, thus the exchange of good practices among SMEs.

Organisation

CCI Nice Côte d'Azur organizes bi-monthly community meetings.

Activities

- 20/04/15: 1st meeting with members of the club, discussion about the community's objectives
- 25/06/15: presentation of community Club Smart Grids during Innovative City convention
- 19/11/15: workshop on smart grids (technical, regulatory, financial and behavioural aspects) during Industria Forum

Dates of next meetings scheduled in 2016:

- January 2016: meeting of the prescription commission to foster smart grids in new buildings

- February 2016: annual meeting of Club's members
- April 2016: public presentation of the document "How to integrate smart grids into smart buildings"
- June 2016: smart grids workshop during Innovation City convention
- November 2016: grand annual meeting during Industria Forum

Participants' skills and capacity

- CCI Nice Côte d'Azur: mobilization of local companies and expertise on energy issues
- Capénergies: additional expertise and valorisation at national and international level
- Métropole Nice Côte d'Azur: additional mobilization of local actors

Name of Involved SMEs	Key actors	
	Name	Type
STEEEP SME:	Osrose	Hospital
STEEEP SME:	SII Sophia	Engineering
Additional SME:	WIT	Software
Additional SME:	GRIDPOCKET	Software
Additional SME:	VALENERGIES	Engineering
Additional SME:	QUALISTEO	Smart grids software and hardware
Additional SME:	LE BE	Engineering

Interested multipliers	Name	Type
1	Capénergies	Energy-sector cluster
2	Métropole Nice Côte d'Azur	Municipality
3	EPA Eco-vallée	Development agency
4	Département des Alpes-Maritimes	Local authority (district)
5	Région PACA	Regional authority

Common resources

Coordination by CCI Nice Côte d'Azur.

Costs/ Investments

Preference will be given to actions with limited investments.

Form of possible energy generation

Possibility to develop solar energy generation of buildings' roofs (local actors offering such solutions, interest from energy club).

Partners

- Capénergie: Bernard Mahiou, General Manager
- Métropole Nice Côte d'Azur: Yves Prufer, Director of Environment/Sustainability

Contact details

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Annexes

CCI Var

- *Press release*
- Website: <http://www.afuzi.fr/2014-09-24-13-56-38/une-zone-labelisee/certification-iso-50001.html>

CCI Nice Côte d'Azur

- [Smart grids charter](#)
- Website: <http://www.cote-azur.cci.fr/Actualites-CCI/Actualites-economiques/Creation-du-Club-Smart-Grid-Cote-d-Azur-2933>
- Smart grids CCI NCA webpage: <http://www.cote-azur.cci.fr/SMART-GRIDS>

Local Action Plan

Organisation: Croatian Chamber of Economy (CCE)

Community

Croatia has significant potential of solar irradiation that still is not exploited according to possibilities. Main barriers for SMEs are the current legislation and lack of financing resources to invest in the eligible project. As from 1st January 2016 a new regulation is expected; the participants of STEEEP project in Croatia will be introduced about the possibilities of integration of smart grid methodologies and implementation of solar energy for own consumption according to the expected regulations. In cooperation with other CCE members mostly active in the energy advising branch, the involved companies will get basic information on how to implement and profit from smart grid technology and using renewable energy, mostly focusing on solar energy. The local energy community is located in the Zadar region. Two STEEEP companies which have already installed PV systems are the core of the LEC.

Objectives

The main objective of the local energy community is to encourage involved SMEs to install PV panels and thus produce solar renewable energy. By installing such panels, these companies will automatically have smart meters installed by the national energy grid manager, thus facilitating a future implementation of a local smart grid. This will be achieved by creating concrete examples for the companies involved giving the basic energy and financial overview of possible implementation of the action. Also Distribution operator will be involved to explain all necessary procedures to fulfil the technical and regulatory issues. As already one company with partial implementation of the proposed system is identified, it will be used as the example of good praxis.

Organisation

Mostly own resources will be engaged, from the national coordinator, in-house consultant and local energy advisors (CCE, CCE Zadar, CCE Šibenik and CCE Vukovar). For the examples of the system other SMEs will be engaged in the scope of the available budget to prepare the basic overview of the tailor made system for the proposed companies in the STEEEP project

Activities

The initial idea to organize a proper small inter-company smart grid network is abandoned as the available time in the project is not sufficient to implement all necessary technical and administrative procedures. In the beginning it was proposed to equip each involved company with the smart meter, use the compatible software application to collect data from the whole community and simulate possible activities that may increase smart energy consumption in a way to monitor the expected short term energy price to make the decision when the heavy load should be powered on and similar issues. Final

decision is to propose only the small system and as additional value, a sort of renewable energy source is added. The most available resource for most SMEs in Croatia is solar energy and STEEP project is localised in the area with good solar irradiation so the focus is put right to solar energy.

On 6th May 2015 a company that already has installed a solar PV system was visited, several specific issues were identified and it was decided to use this example as the basic issue what has to be improved to make such system eligible.

Smart grid technology will be intended to use to control the process in the company, energy consumption and possible improvements. Unfortunately, the exchange of energy with other companies as possible energy consumers when energy is not needed in the company's facilities is not possible because of rigid administrative procedures and national grid code. This requires detailed energy facility plan and a detailed study of the load and adjustment of the load to the energy source as much as possible. In certain occasions change of usual working schedule is required. This may influence also smart grid facilities.

Planned Meetings

1. Meetings in different counties will not be organized as it is not expected that any SME is willing to attend the meeting that is 700 km far from the company
2. Local meetings in the chambers will be organized in small SME groups. There is also proposal to organize meetings directly in the involved companies as this may have multiplying effect: the companies may also get information about other possibilities of cooperation
3. In CCE Zadar the first meeting will be on 10 November 2015 in HEP Distribucija d.o.o., national DSO as there is a real case (it is a company that has a newly installed solar power plant with several technical issues influenced by the administrative procedures that we will try to solve).
4. Promotional meeting in Šibenik and Vukovar will take place in the first quarter of 2016 with clear presentation of the results following the first meeting in Zadar
5. Regular reports from the field will be prepared for the companies involved.
6. Additionally, the example of biomass power plant will be presented even the case is specific as only thermal power is generated (8 MW capacity).

Participants' skills and capacity

The 2 involved companies are not trained nor do they have capacities to engage their own resources. Precise analysis and financial evaluation is required to get the important parameters about the potential system and expected impact and benefits. One company that already implement small solar power plant on the roof with specific operating conditions that are not aligned with the operation needs. The improvement of the existing system is possible by upgrading several control units and changing the connection according to available grid code rules.

This company will act as an example and other involved companies will get proposals on how to implement similar system with expected results. As the budget is limited, the pilot project will mostly be focused to cover one or two examples while others SMEs will get only a general overview about the possible measures to get involved in similar projects.

Common resources

Own resources and technical knowledge will be exploited to define the system. Specific solutions will be subcontracted with the energy expert companies specialised for described activities.

Costs/ Investments

Subcontracting the technical solution will require subcontracting and payment for such services. Project budget has planned such costs.

Form of possible energy generation (*if applicable*)

Energy from small power plants mostly derived from solar energy will be considered.

Partners

- Chamber of Commerce CCE – monitoring the activities, coordinate meetings, coordinate subcontracting activities (feasibility studies, technical studies for the concrete project requests)
- CCE Zadar – local activities on site in the real case examples (solar power plant and biomass thermal power plant)
- CCE Šibenik and CCE Vukovar – local promotional activities
- Possible energy ESCO companies if interested for such project
- Possibly energy consultancy companies will be involved
- SMEs involved in pilot project: production companies like metal process industry and food industry

Contact details

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Local Action Plan

Organisation: Unioncamere Piemonte (ITALY)

Community

Piedmont is a region in the north west of Italy. Unlike the Provence Alpes Cotes d'Azur region, there is not a smart grid structure in place in the area yet. Unioncamere Piemonte, in collaboration with Environment Park, decided to identify an already established network to build upon a Local Energy Community in the framework of STEEEP project. The identified organization is the consortium "Consorzio Ambientale Castello di Lucento", which is deemed to include the ideal framework conditions for testing the establishment of a Local Energy Community. It is composed by a group of about 40 companies operating in the same industrial area, and has already an environmental management system ISO 14001 certificate.

Objectives

The Community's Action Plan has been created with the objective of introducing best practices on energy management and energy efficiency within the existing environmental program of the Consortium area, by exploiting the opportunities of money savings thanks to the collaboration between the enterprises and the organizational structure of the consortium that groups them together.

Organization

This consortium is composed by a number of organs aimed at ensuring the management of the environmental aspects of the companies settled in the industrial area, which will also help the management of the LEC. These are:

- The responsible for the environmental management of the industrial area
- The responsible for the ISO 14001 environmental management system, that will coordinate the LEC
- The group of environmental responsible of companies, including the ones that are members of the LEC

The Consortium has been identified as the facilitator of the process of defining and implementing the action plan of the energy community.

Environment Park will support the Consortium in the implementation of energy topics and the transfer of the STEEEP methodology and experience to the LEC.

Unioncamere Piemonte will assure the conformity of the LEC process to the guidelines of the STEEEP project.

Actions to be implemented:

- A collective approach to ISO 50001 (integration to the ISO 14001 of consortium of SMEs and test on a new energetic procedure of auditing on the 4 SMEs).
- Mutualization of electrical energy purchase
- Network of good practices through a periodical newsletter

Activities

A series of meetings between Unioncamere Piemonte, Environment Park and the companies of the consortium have been scheduled and are here below detailed.

11/06/2015:

Preliminary meeting with the facilitator for the presentation of the project STEEEP and sharing of content of energy action plan. During the meeting 3 companies have been identified as potentially interested to the Action Plan.

30/06/2015:

Approval of the energy action plan by the Consortium and of the environmental program, including the following specific activities:

- Energy audits: actors involved agreed to realize energy audits in the companies, according to the methodology STEEEP, jointly between Environment Park and the environmental managers of the consortium in order to facilitate the transfer of knowledge to companies.
- The feasibility study of using a unique supplier of electricity and gas for enterprises to reduce energy costs in cooperation with a brokerage firm specialized in the optimization of contractual issues.
- A networking action and exchange of best practices between companies involved in the project, by inserting a space dedicated to the project STEEEP in the quarterly newsletter sent by Consortium to the member companies.
- Opportunities of training of internal auditors by organizing a seminar on energy management, open to both companies benefit from the project STEEEP that those participating in the research project of the local community energy.
- Creation of synthetic guidelines on energy management for dissemination to companies participating in the Consortium.

5/10/2015:

Meeting with RIV.OLT (energy broker), Consortium's responsible and Environment Park in order to define the conditions for the creation of an electricity purchase group. The meeting highlighted the aim to interview all companies for identify the overall energy consumption and the energy of the individual companies. 8 GWh /year has been highlighted as the minimum electricity consumption to evaluate the possibility of adopting a global contract for interested companies.

10/12/2015:

Launch of the first newsletter to members, on best practices and examples of energy efficiency measures implemented by the project STEEEP.

Additional meetings foreseen with the community:

- November 2015: second meeting with consortium and LEC members
- February 2016: third meeting with consortium and LEC members

Feasibility study on smart grids

A feasibility study on smart grids is not scheduled. A more detailed evaluation about the opportunities to make it will be possible after the completion of the foreseen energy audits.

Participants' skills and capacity

Companies members of the Consortium are mostly service companies, characterized by limited energy consumption but with similar categories of activity. Some of them have demonstrated, stimulated by the consortium coordinator, a specific interest about energy topics.

Consorzio Castello di Lucento has all the technical skills needed to effectively play its facilitator role.

The selected STEEEP company (Nesocell) shows a proactive approach towards the subject of energy and adds value to the aim of good practices transfer.

Common resources

The Consorzio Ambientale Castello di Lucento provides to the project its role of coordination and technical secretariat.

Partners

- Unioncamere Piemonte
- Environment Park: expert on environmental management systems and energy management for SMEs
- Consorzio Ambientale Castello di Lucento: facilitator subject for implementation of action plan
- Nesocell: SME involved in the STEEEP project, acting as Lead - SMEs
- Other SMEs involved: SIMET and other 2 SMEs to be confirmed.

Contact details

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Annexes

- Environmental Program of the Consortium of Lucento Castle industrial area, integrated with the actions foreseen by the Local Energy Community Action Plan
- Periodical Newsletter for LEC members (October 2015)

Local Action Plan

Organisation: Chamber of Commerce and Industry of Latvia

Latvian Chamber of Commerce and Industry (LCCI) has taken a leading role as a discussion partner to government on questions related to energy and energy efficiency policy. Main partners from the government side are the Ministry of Economics of the Republic of Latvia and the Ministry of Environmental Protection and Regional Development. Regarding the introduction of smart meters and smart energy grid, (table 1) – in Latvia no decisions are made about the compulsory implementation of smart meters in all sectors. Since last year JSC Sadales Tīkli (responsible for electricity distribution and transmission in territory of Latvia) has started to implement smart meters as a pilot project.

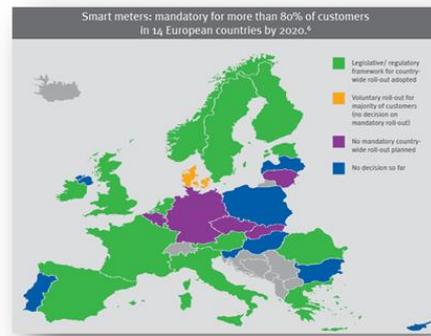


Table 1

To perform better in STEEEP project, LCCI has developed a Local Energy Community (LEC) – based on LCCI member companies involved in LCCI Energy Committee, most of the companies involved in project STEEEP and stakeholders from the government's side – ministries, public agencies, local governments- which LCCI find as a leading actors on energy efficiency policy implementation. The Committee meets bi-monthly to prepare LCCI opinion papers on energy efficiency policy related issues which are sent and represented to and discussed with stakeholders. The main reason for participating in this committee is based on companies' interest to impact energy and energy efficiency policy in Latvia.

Participants (companies and stakeholders) of LEC are from all territory of Latvia. As 98% of Latvia's active companies are small and medium enterprises, they represent also the vast majority in the LEC. Businesses represent different sectors – energy consumers from manufacturing and service sectors, energy producers (biogas, wind energy, etc.), consultants and largest manufacturing sector associations and at last but no least representatives from education institutions.

Objectives

LEC are established with the objective to discuss issues related to Energy policy (liberalization of gas and electricity markets, implementation of Energy efficiency directive, EU Funds to support energy efficiency goals, amendments to rules and regulations concerning energy policy issues, renewable energy questions, etc.) and to prepare LCCI positions on issues mentioned above for discussions in government.

Additional objectives are focused on energy efficiency:

- Investments for energy efficiency – implementation of smart meters, etc.;
- Knowledge share of best practice in energy efficiency questions both in Latvia and world;

- Energy price decrease for developing competitiveness of SMEs;
- Innovations in energy efficiency;

Organisation

LCCI Energy committee meets once every two months or more often if necessary. Meetings are organized and run by Latvian Chamber and Commerce Policy department.

Activities

16/06/2015: Preliminary meeting with the representative of LCCI EU Project division, to introduce Energy Committee members with project STEEEP idea, activities, etc. During the meeting Energy policy planning documents for 2014-2020 developed by ministry of Economics of the Republic of Latvia policy was discussed.

24/08/2015: Discussion on the progress of the Energy Efficiency Directive implementation in Latvia

09/10/2015: Discussion on CCI Latvia energy efficiency experience with project STEEEP and on energy efficiency in the EU. Open question was also about gas market liberalization in Latvia. During the meeting companies potentially interested to the Action Plan have been identified. Actual information about project STEEEP activities were given.

Further meetings will be organized on bi-monthly basis. The main objective is to continue developing STEEEP activities and to discuss energy and energy efficiency policy issues raised by government. Meetings will be documented by preparing notes, lists of participants, opinion papers, etc.

Participants' skills and capacity

As mentioned above LEC members are companies and stakeholders in energy and related sectors for instance, one of LEC member are largest manufacture of electricity in Latvia – JSC Latvenergo, other member are SME from one of Latvia's region Latgale - JE Energija - who uses bioenergy to grow vegetables in green-houses, one of the stakeholders is already mentioned Sadales tikli – which is responsible for electricity distribution and transmission in Latvian territory. All members cover both different sectors and regions of Latvia. Other associations represents their sectoral interests.

Common resources

The Latvian Chamber of commerce and industry takes role of organization and arrange meetings in LCCI premises. As well organizes communication between LEC members, development of opinion papers to stakeholders, etc.

Costs/ Investments

No costs and investments are provided

Partners

- Building Materials Manufacturers Association
- Latvian Forest Industry Federation
- Latvian Chemical and Pharmaceutical Industry Association
- Ltd LDZ ritošā sastāva serviss

- JSC Latvenergo
- Ltd "Poligrāfijas grupa Mūkusala"
- Ltd Nordic Plast
- Ltd Rīgas piena kombināts
- Mechanical Engineering and Metalworking Industries Association
- Association of Latvian electronics and electrical production industry
- Council of Rural business
- Ltd Lauku izaugsmes grupa
- Ltd GLC Baltic
- Ltd Latvijas Valsts Meži
- Ltd Ludzas Bio-enerģija (Ludza's bio-energy)
- Ltd Virtu
- Ltd Landro
- Ltd LPV
- Latvian Agricultural Cooperatives Association
- Etc.

Contact details

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Local Energy advisor: Katrīna Zariņa, Director of Policy department, e-mail:
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ROMANIA

Organisation: Chamber of Commerce and Industry of Timis County

Local Action Plan

Community

Timis Chamber of Commerce, Industry and Agriculture identified a local energy management association, AMET (Timis County Energy Management Association), as the most adapted existing structure to collaborate with in order to create a local energy community (LEC). AMET is an independent institution, a qualified body, which operates in the interest of its community and whose main objective is to participate in the sustainable development of the County Timiș and the region by promoting energy efficiency and the use of unconventional energy resources. AMET's goal is to improve the way in which energy is produced and consumed, increase energy security, accelerate economic growth, encourage the development of new jobs and increase the quality of life in a healthier environment.

Timis Chamber of Commerce, Industry and Agriculture is a founding member of this association, additionally, AMET provided a letter of support during the writing of STEEEP project proposal. Also AMET was founded under an IEE project.

In order to develop our LEC, companies involved in overall STEEEP actions which are willing to participate in the LEC, will have access to the resources provided by AMET.

Objectives

The main objective of the LEC is the common implementation of ISO 50001 certification. Other objectives of the community are the following:

- to study the feasibility common acquisition of energy and/or of energy efficiency products
- to encourage companies to install smart meters.

Additional objectives may be added according to AMET's other actions such as encouraging local market penetration of renewable technologies and energy efficiency technologies; changing the mentality and behaviour of energy users;

AMET is also implementing another IEE project called 5000&1 SEAP's which provides a coherent approach to integrating Energy Management Systems (EnMS) with Sustainable Energy Action Plans (SEAPs) according to energy management standards such as ISO50001.

Organisation

Timis County Energy Management Association was identified as being the facilitator of the creation of the local energy community. All 20 Romanian SMEs involved in STEEEP have been invited to join the local energy community. They were introduced to AMET and to the activities and services provided by

them. All the Small and Medium Sized Enterprises are listed in AMET database and receive periodically the newsletter AMET is circulating.

The Chamber of Commerce will participate in the meetings organized and will keep track of the presentations and of the proposed activities. Also the minutes of the meetings will be available on the intranet – where all the training material is available. The meetings will take place at AMET's headquarters, but also at the Chamber's, depending on the number of participants. The energy advisors will attend all meetings. The meetings are proposed by AMET and are commonly decided with the members.

Activities

SMEs participating in the Local Energy Community will attend meetings organized by AMET. Three SMEs already expressed their interest in having people trained in implementing ISO 50001.

Most of the activities will be around the energy efficiency best practices examples that AMET can share with the SMEs and to the training and facilitating of implementing ISO 50001.

On 09/10/2015 the first meeting was organized. SMEs, AMET and the CCI discussed the opportunity to attempt having a common acquisition of energy or of energy efficiency products. The conclusion was that the STEEEP companies are too small and their energy consumption too little in order of such a measure to be significant and worthy.

Therefore, the main activities that will be carried will be the participation of the SMEs in AMET's meeting and AMET will continue disseminating their info towards STEEEP's SMEs. Additionally, common workshops will be organized.

At the end of February 2016, 2 project proposals were submitted within the IPA Interreg Crossborder Program RO-SE, by AMET in cooperation with 2 STEEEP SME's and partners from Serbia. The objectives of the projects is the implementation of smart metering and LED lighting in the selected SME's

Participants' skills and capacity

AMET will provide good practices examples, studies carried out by them and also knowledge on different energy efficiency topics – mostly on request by the STEEEP SMEs. The common action will be that of dissemination and implementation of ISO 50001.

Timis Chamber of Commerce will try to facilitate the dissemination of the good practices. The Chamber will also facilitate the site visit of the companies that are best practice, so that the STEEEP SME's can have direct contact with them.

Participating Small and Medium-sized Enterprises will benefit from the best practices examples and also from the direct possibility to ask questions and to see how the implementation of energy efficiency measures can be a source of welfare for a company.

Common resources

AMET will provide the knowledge distributed among the local energy community. They will also act as the lead partner in this partnership.

Costs/ Investments

No costs and investments have been foreseen at this stage

Partners

- AMET (Timis County Energy Management Association)
- 3 STEEEP SME's: Rasm Advising, Prod GFI, Codrina – expressed their interest
- All STEEEP SMEs will receive newsletters and information

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