

II/ D4.3.2. – Case study report (month 9-17)

IEE/12/708/S12.661214 – PRIMES

Prepared by:



Aim of the Task Forces is to provide support to little and medium-sized purchasing organizations, especially Municipalities committed to the Covenant of Mayors, for the implementation of 114 interventions of Green Public Procurement related to the energy sector. On the basis of this activity, the aim of the project in the long run is to **stimulate further replication** of GPP interventions among the purchasing organizations within the partners' regions and at wider level.

On this purpose, Task forces will provide specific training among the procurement and technical staff of the beneficiary organizations involved in Primes to build – up skills for implementation of GPP in the longer term and, in order to promote replication at wider level, during the life of the project the partners will select 86 **Case Studies** from the most innovative and interesting interventions ongoing in their region that will be disseminated in order stimulate the uptake of GPP in the public sector at national and European level.

Case studies aim to provide **inspiration, insight and practical information** that can be used by public procurers as guidelines on how to manage the process of GPP and how, through it, obtain energy savings.

Case studies will be selected and evaluated by partners at joint level (ex: during the steering committee meetings) and will be collected, through dedicated templates, for dissemination to the purchasing authorities identified by the project (partners' regions, twinning organization, procurement organization at European level) and through the project website, in order to reach stakeholders at a wider level.

The growing request of green products and services will influence suppliers to meet the needs of the public sector, stimulating technological innovation in the market, and the further implementation of GPP will increase the level of energy efficiency in the purchasing organizations, thus contributing to reach the targets of the EU 2020 strategy.

Activities month 1-25

During this first phase of the project partners have implemented several activities to build-up the process for identification of case studies: partners have set joint criteria for the selection, have elaborated

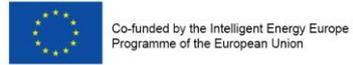
templates for the evaluation of the Task forces interventions on how to identify the potential for replication and have finalized a template for the collection and dissemination of the case studies.

On occasion of the 2 steering committee meetings (Vaxjo – Jan 2014, Genova – June 2014) partners have started the selection of first Case studies from the activities and interventions implemented so far.

Criteria for selection – Case studies have to provide to the procurers practical information to manage GPP during all the procurement phases, describing environmental criteria used in the implementation of the tenders (including information on the nature of the criteria: technical specifications, energy labels, energy performance indicators.. and references on how to insert them in the tenders), awarding criteria (MEAT – Most economically Advantageous Tender is a key principle for GPP), main results obtained (energy savings, money savings) and performance indicators (like CO2 reduction – and tools to calculate it) but also describing lessons learned; effective approaches implemented to green the procurement strategy in the public sector and success stories identified by the partners to stimulate the uptake of interventions on energy efficiency. Indeed, being Primes main target Municipalities committed to the Covenant of Mayors, case studies will be particularly devoted to promote GPP as an opportunity to realize sustainable energy achievements and put in practice the actions foreseen in the SEAPs.

Moreover, case Studies must have a high potential for replication, this means that information and examples disseminated through them shall foresee flexible models for implementation and be easy for adaptation to the different contexts of all the possible stakeholders: public purchasing organizations addressed by the case studies may have different level of expertise about green tenders and may have different needs and opportunities for the implementation of GPP. In order to meet the widest opportunities for replication, partners will select case studies from interventions realized in all the regions participating in the project - within Primes there are purchasing organizations with high level of expertise (like in Sweden) and Municipalities approaching GPP for the first time (like in Croatia) - and related to different categories of green products, services and technologies.

Templates for evaluation and collection - In the framework of the project activities foreseen in WP4 and WP5 partners have elaborated 2 specific templates to collect information and monitor the progresses of interventions (“Task Forces implementation – report “ and “GPP assessment table”) which have been used by the partners to assess the results of the tenders, analyse the impact on performance indicators and collect feedbacks about the effectiveness of the activities implemented by the Task forces. During the process of selection of case studies, the information provided through these templates will be useful to the



partners to identify which are the most innovative and successful tenders and their potential for replication.

will be used as a template for further procurement by the neighbourhood Municipalities – also through the possibility of joint tenders.

- ITALY – Region of Liguria -Joint procurement of green electricity in Liguria: IRE is managing a public consortium for joint energy procurement (CEL) which aims to promote energy efficiency and optimisation of energy consumptions in the public sector. The Ligurian TF is working to analyse the electricity consumptions among the beneficiary Municipalities and the situation of public lighting (partly owned by the former national utility) in order to involve the beneficiaries in a joint procurement for green electricity through the consortium.

In the second phase of the project other Task Force interventions have been identified and developed by project partners. On the bases of their level of transferability some of them have been proposed to become case studies. The steering committee will then assess them and will decide if they can be considered as case studies or not:

- CROATIA: City of Koprivnica – tender for Electricity from RES, IT equipment and vehicles.

TF has supported the municipality of Koprivnica in the implementation of a public tender for the supply of green electricity for the municipality and other public institution. Moreover it has helped the Municipality to identify the green criteria to be inserted in tenders for the procurement of IT devices and electric buses.

- CROATIA: Koprivnica Krizevci County Hospital - Procurement of solar system.

The Koprivnica Krizevci County Hospital (in area of 124.500 inhabitants) is a public building with procurement department independent of other public institutions. TF organised meetings with hospital procurement staff and decision makers and provide assistance in preparation of tender and technical specifications in cooperation with external green procurement experts (trainer). Moreover helped hospital to apply for co-financing by Environmental fund.

Procurement of solar system for hospital (that is liable to Public procurement act) would raise awareness on usage of renewable energy sources on local authority level, reduce CO₂ emissions and improve the energy efficiency of the building.

- DENMARK: Region Zealand - Procurement of electrical and electronic equipment used in the health care sector.

Region Zealand strives for a sustainable development with a certain focus at resource efficiency and green energy. The aim is to obtain a annual decrease in energy and resource use and to increase the renewable energy share of the supply to 40pct. of the energy demand in 2020. Region Zealand has further been part of REEZ with focus on improvement of the energy efficiency in their own buildings. TF supported the regional

government in terms of putting the regional strategy into practice, i.e. support for procurement material, knowledge building etc. More over it is working on the identification of the demand for new EE health care equipment to map the potential for energy savings.

- FRANCE Bourg en Bresse – insert of environmental specifications in gas procurement and electricity.

The union of Municipalities of Bourg en Bresse is composed by 15 municipalities. TF intervention consisted in the technical support to define environmental and energy specifications for the union in procurement for gas and electricity. RAEE gave support also about legal issues.

- FRANCE: Grand Valence, Albertville, Chambéry, Villefranche sur Saône, Barberaz ...- Support to public bodies to adhere to a regional network on green gas.

In France gas market has been opened to concurrency at the end of 2014. This fact represents a good occasion for PRIMES to try to convince Municipalities to purchase not only gas but also green gas. RAEE organised meeting in order to give support to public administrations on technical and environmental specifications and provide information on joint procurement of green gas.

Two goals can be reached : firstly of course to purchase a part of biogas in the gas procurement but also to buy this gas through a joint procurement so that a lower price could be obtained. The saved budget and economy could be used to buy renewable energies or for instance to reduce energy consumption in building.

- FRANCE - La Motte Servolex - Natural gas procurement.

The TF supported the Municipality of La Motte Servolex to prepare a tender for natural gas with a minimum of 50% of biogas. The tender defines the organic material allowed for production of biogas and wants to limit the leaks in the biogas production units. An on line tool has been foreseen to manage energy consumption.

- FRANCE: Rhône Alpes Regional council – Retrofitting in schools.

The TF intervention consists in the organization of training meetings with persons in charge of buildings renovation and procurement in high schools. Tenders concerning all the different kind of renovation or building (lighting, windows and doors, wood boiler) were described and analysed to identify where adding sustainable development specifications.

- FRANCE Département de la Savoie – Management.

The TF intervention was about the support in management and all issues concerning internal organization.

- FRANCE Municipality of Bourg en Bresse – GPP for doors, windows and insulation.

The TF intervention consists in the identification of a manner to insert concretely sustainable development in tenders and in the organization of trainings on vehicles and buildings refurbishment (doors and windows). RAEE gave technical support in procurements.

- FRANCE Bourg en Bresse - Duty vehicle.

TF intervention consists in giving support to the department of the technical services in charge of parks of the city of Bourg en Bresse in the preparation of a tender for heavy vehicles (towing weight 7 t).

These vehicles will be used for the conservation of gardens and parks and replace old vehicle of the same size aged 21 years.

New vehicles are environmentally more efficient as they are Euro 5 or better, they recycle exhaust gases, have a lower noise level and parts on recycled material.

The environmental criteria were developed by using EU GPP toolkit, clean vehicle directive, some of the technical specifications coming from Procura +, previous experiences from RAEE regional and national networks on GPP.

- FRANCE Aix le Bains – Wood chip.

The TF supported the municipality to prepare a tender to purchase wood chips for plants serving some buildings of the municipality and a social centre in Aix les Bains.

The tender considered as technical specification the origin of the wood (only shredding of plants), the chip size, humidity, density and ash content . The main criteria for sustainability are the labellisation of the origin of the wood and the proximity of the production, based on CO₂ generated emissions for the transport of the wood.

- FRANCE Municipality of Roannais – GPP for vehicles.

The union of Municipalities of Roanais is composed by 40 municipalities and it is strongly involved in Green Public Procurement since many years. As they wish to insert of environmental specifications in vehicle procurement, the TF intervention consists in provide technical support to identify environmental specifications and award criteria.

FRANCE Département du Rhône – Refurbishment.

The TF supported Département du Rhône to prepare a procurement for building refurbishment of a secondary school in Tassin-la-demi-lune. Interventions to be done were different: insulation, doors and windows, lighting. They decided to prepare different tenders for the same buildings and GPP criteria have

been proposed both as pre-requisite and as awarding criteria. The goals were to insert the most up to date technologies and globally reinforce energy efficiency.

FRANCE Lyon, SDES, SDED – Electricity.

The TF intervention was about the identification of technical specification on green electricity

- FRANCE Société Dauphinoise pour l'habitat – Vehicles.

The Société Dauphinoise pour l'Habitat (SDH) is a public social housing company operating in more than 130 towns in the department of Isère and manages a portfolio of 16,470 housing. That's a strong goal for SDH to increase its results in GPP and more generally speaking in sustainable development. RAEE is strongly involved in the SDH willing to increase sustainable development results. Several meeting and trainings were managed previously on GPP.

SDH needed to prepare a procurement for 55 vehicles (from environmentally friendly vehicles to electric cars). The TF intervention concerns the support of RAEE to identify technical specifications and define criteria to select the offers, such as decrease of consumption and CO2 emissions, noise, electric cars instead of fossil fuel cars, etc.

- FRANCE Département de l'Isère – Building

The department of Isère has to build a new building for their office and wanted to insert strong technical specifications in the tender. The TF intervention consisted in the identification of new environmental specifications in several tenders (doors and windows, insulation, lighting, ...). Training on insulation, doors and windows, lighting have been organized by RAEE who proposed European Ecolabels, Blau angel or Nordik swan as new additional criteria.

- SWEDEN Municipality of Ronneby– training.

The TF consists in a training course on a very basic and general level about GPP with both procurers and those who order from the departments in the municipality.

- SWEDEN Municipality of Älmhult – training.

The TF intervention concerned the organization of a meeting with purchasers, responsible for municipal buildings and streets and staff from Blekinge Technical High school. The meeting focused on general information, news and implementation of EU-directive in Sweden connected to GPP and training on product area building and a few examples from other product areas. Blekinge Technical High school explained their research in the GPP field. After the meeting Blekinge Technical High school had a follow up interview with the purchaser as a complement to research and to their contribution to PRIMES. There could be the opportunity to follow a coming building project more in detail.

- SWEDEN Municipality of Älmhult – interview.

The TF intervention consists in a interview with the head of procurement of the Municipality.

The main issues are:

1. Why is sustainability criteria used in the public procurements in this municipal?

Want to understand: Which incentives there are to get sustainability-related aspects involved in the procurements Are there specific target documents that govern the procurement (eg engineered climate, and where as the procurement is used as a tool in the effort to reach them).

2. How to determine the subject matter and form of the public procurement

Want to understand: How is the procurement object determined, ie the way in which how a given need will be satisfied in accordance with the specifications and then also what form of contract that will take place (regular product procurement or procurement function or otherwise)?

3. How is sustainability criteria determined and how are they used?

Want to understand: How are the criteria/conditional requirements developed (process), how does the dialogue work (when and with whom and for what), what / who determines what is included and how they are formulated (who defines sustainable public procurement in Sweden today), how are Trade- offs (eg between energy efficiency and meet the needs of users, or hold down the purchase price) and the distributed requirements of mandatory requirements, evaluation requirements and any specific contract terms, and how does that affect the sustainability aspects of the final choice of supplier (ie, they are used only as mandatory requirements or evaluated the options map sustainability performance)

4. How will the municipality handle the sustainability work linked to the contract during the contract period?

Want to understand: How to work with different actors / stakeholders such as supply chain and internal purchasers and users during the contract period? Who runs sustainability programs related to procurement internally and along the supply chain during the contract period?

- SWEDEN Municipality of Kalmar – outdoor lighting.

The TF consists in the preparation of a Green Public Procurement for outdoor lighting.

- SWEDEN Municipality of Mörbylånga - transport logistic.

The Task force intervention was the participation in the procurement process and in meetings focused on the procurement of energy effective transport.

Next steps will be the draft of technical statement and advertising.

- SWEDEN – study trip.

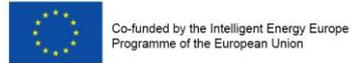
The TF consists in the organization of a study tours for Municipality in order to increase knowledge about:

- how EPC can speed up the renovations process;
- how to lower the energy consumption when renovating;
- how to purchase solar and pv through a framework agreement signed by different municipalities;
- how a day care centre can be renovated to a near zero building.

Study trips is a good way of getting new knowledge, seeing the dos and don't in real life and getting answers.

- SWEDEN – exchange of experiences.

Different public bodies (Växjö municipality, Emmaboda municipality, Olofström municipality, Alvesta municipality, Region Kronoberg, County Administrative Board, The Swedish Competition Authority) exchange their experiences on vehicles procurement through web meetings.



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