

II/ D4.1.2 Report on results of task force interventions (month 13-28)

IEE/12/708/S12.661214 – PRIMES

Aim of the Task Forces is to provide support to little and medium-sized purchasing organizations (P.O.) for the implementation of interventions of Green Public Procurement related to the energy sector, in order to obtain energy efficiency and CO₂ reductions and to build – up skills among local staff so to promote further replication of GPP in the public sector. The results obtained in terms of energy savings and CO₂ reduction will contribute to reach the targets of the EU 2020 strategy and, in the long run, the promotion of the GPP approach in the target regions will positively influence the development of the local markets towards sustainable development.

The Task Forces of the 6 target regions are composed by staff members of the project partners with the participation of external experts and stakeholders (aimed to provide training, technical support and to promote networking), this means in general 5-15 people directly working together under the coordination of the TF leaders (LEIF, REA, RAEE, ESS, ZEA, LIG) benefiting from further support provided by ICLEI. According to the specific situation, the Task Forces are foreseen to carry on different activities aimed to the implementation of the interventions which, beyond specific technical activities (like identification of environmental criteria to be inserted in the tenders and evaluation of effective solutions for implementation of energy efficiency), can vary from awareness rising and GPP training, to legal support, to collaboration with suppliers and existing GPP networks.

Preparatory activities for interventions

Engagement of project beneficiaries

During the first project period the list of beneficiaries selected at the beginning of Primes (see Table in section 4.a of Annex I) has been revised according to the ongoing situation in the partners' territories so that new participants have been involved and are now committed to the project activities (see "updated list of beneficiaries – month 28"). So far 62 public authorities or groups/network of public institutions are engaged in Primes) and have provided their formal adhesion to the project; the majority of beneficiaries are Local Administrations or network of Municipalities, most of which are committed to the CoM, while

others are territorial institutions, like Regional and County Authorities, or local/regional procurement authorities (like schools or public organizations).

Project beneficiaries – updated list month 28

Target region	Public purchasing organization involved in Primes	Formal commitment
Zealand 6	Holbæk Municipality, Odsherred Municipality, Slagelse Municipality, Roskilde Municipality, Lolland Municipality, Region Zealand, Slagelse energy supply company SK forsyning	7
Latvia 6	Tukums Municipality, Valka Municipality, Preiļi Municipality, Grobina Municipality, Carnikava Municipality, Adazi municipality	6
N. Croatia 3	City of Koprivnica, City of Krizevci, Koprivnica - Krizevci County hospital	3
Rhône-Alpes 14	Région Rhône-Alpes, Département du Rhône, Département de l'Isère, Département de la Savoie, Agglomération de Bourg en Bresse, Roannais agglomération, City of Bourg en Bresse, City of la Motte Servolex, City of Ax les Bains, SDH (public social housing organization), Regional network on green gas, Association des acheteurs publics, Cluster Lumière, Pole de compétitivité transport et systèmes de mobilité, Chamber of Commerce Lyon, Working group on green electricity Sigerly (energy union)	18
Blekinge and Kronoberg 9	Karlskrona Municipality, Vaxjo Municipality, Alvesta Municipality, Liungby Municipality, Tingsryd Municipality, Almhult Municipality, Landstinget Blekinge/Blekinge County Council, Region Kronoberg, Region Blekinge - Twinning partner signed agreement, Mörbylånga Municipality - ongoing discussion for signed agreement, Municipality of Kalmar - Twinning/TF Streetlight, Västervik Municipality - ongoing discussion for signed agreement, Ronneby Municipality - ongoing discussion on participation	10+3
Liguria 20	Albenga, Calizzano, Celle Ligure, Quiliano, Tovo S.G, Urbe, Vado Ligure, Montoggio, Moconesi, Dolceacqua, Seborga, Taggia, Castelnuovo magra, Rocchetta Vara, Varese Ligure, Diano Arentino, Mendatica, Arcola, Plodio, Borgio Verezzi)	20

Analysis of the potential for interventions

During the first project period all partners have carried out preparatory activities aimed to identify the potential for implementation of interventions in each region: TF have analysed the current framework of GPP at local/regional/national level (existing regulatory framework, level of GPP experience in public organizations, diffusion of energy specifications, energy labels and green criteria, opportunities offered by the markets, existing barriers to GPP) and have made an assessment of the specific situation of the beneficiaries through the identification of their competences in GPP, the analysis of their procurement plans and the evaluation of their energy strategy, in order to set up an activity plan tailored on the real needs of the PO.

This analysis has revealed that beneficiaries within the PRIMES target regions have a very different level of experience on GPP because, for example, while in Sweden green procurement is a priority for public administrations since many years, there are other situations like in Latvia or in Croatia where GPP is a completely new approach; this means that the administrative, legal and technical framework for implementation of GPP in the 6 regions is very different, as well as opportunities and barriers. This diversity

must be addressed by each TF in a specific way, which can be challenging, but in the meanwhile it represents an important occasion for knowledge sharing and experience exchange among the Primes partnership.

Indeed, during this period TF have faced several challenges to the implementation of the project activities, due to the difficulty of beneficiaries to deal with complex/innovative procurement procedures (technical level) and to commit for the finalization of interventions (political level), to non-availability of green products and services on the local markets, to the existence of previous binding contracts still running and, most of all, due to the lack of funding from the PO to implement the interventions; these problems are generating delays in the schedule of the actions in all the partners' regions, therefore all the TF are working to find tailored solutions in order to catch up with the implementation of activities from the next project period.

Activities month 13-28

General overview

So far 67 municipalities have been involved and committed by partner regions, out of an overall target of 58.

As detailed in the table below, 33 TF interventions have been finalized, 52 are now ongoing and 15 are planned to be implemented.

Partner region	Finalized	Ongoing	Planned	Total	Target	Missing
Liguria	4	8	9	21	20	-1
Rhône-Alpes	10	9	0	19	14	-5
Northern Croatia	11	2	2	15	15	0
Zealand	1	11	2	14	20	6
Latvia	2	5	5	12	20	8
Blekinge and Kronoberg	5	17	6	28	25	-3
TOTAL	33	52	15	109	114	5

The main activities of the TF have been dedicated to support the beneficiaries in the selection of categories for green procurement, in the planning of projects for the improvement of energy efficiency, in the identification of environmental specifications to be included in the tenders (energy labels, technical specifications, certificates of origin for renewable energy, awarding criteria), in the calculation of CO₂ and energy savings through the comparison with pre-intervention status, in the quantification of money savings according to the LCA and in the identification of specific administrative procedures to implement and finance and the interventions.

Moreover, so far partners have organized around 100 regional meetings dedicated to the beneficiaries, thus involving in project activities 798 representative of PO and other stakeholders (local and regional clusters, other purchasing authorities at regional/national level, public networks and GPP facilitators) in order to rise awareness and commitment to GPP, most of all among decision makers, to promote knowledge sharing, through training sessions and local workshops, and to foster the effectiveness of Primes activities thanks to synergies with other initiatives (Covenant of Mayors, other EU project like “GPP 2020”) and collaboration with suppliers (especially in the region of Rhone Alpes and in Sweden).

The activities implemented by partners are reported cyclically through the “Task Force implementation report ” and the progresses of interventions are monitored through the “GPP assessment table”

Here below a summary of the activities ongoing in the target regions.

TF interventions in the partners’ regions

Northern Croatia

3 municipalities committed – Target 3 - ACHIEVED

11 TF interventions finalized, 2 TF interventions ongoing, 2 TF interventions planned - Target 15 ACHIEVED

5 trainings organized IN 2014 and 2015, 2/3 trainings planned in 2016

1 arrangement with suppliers planned

3 municipalities committed – Target 3 - REACHED

11 TF interventions finalized, 2 TF interventions ongoing, 2 TF interventions planned - Target 15

5 trainings organized during 2014 and 2015, 2 or 3 trainings planned in 2016

1st training with suppliers in progress (planned in March 2016)

At the early beginning of the PRIMES project municipalities in Croatia were in a need to develop knowledge and skills to implement GPP. As all municipalities and local public organizations nationwide were in the

same position, there was a small number of GPP examples in practice available at the national level and GPP was focused mainly on municipalities that have signed Covenant of Mayors and have developed or are currently developing SEAPs.

Main needs of Municipalities are to understand what GPP really means and what groups of products can be included in GPP, to inform public organizations about benefits from green procurement but also about energy efficient products and services (there is lack of knowledge about supply of green products on the market), help them to prepare technical specification and set the contracting award criteria, to improve political will, convince staff to commit to GPP and provide huge number of helpful information for procurement and technical staff, also for higher level staff (decision makers).

Despite the general lack of experience among PO, thanks to the effective work implemented in the last years by Rea North and UNDP for awareness rising and capacity building on GPP, the Task force has been able to build on the work implemented so far and obtain important results. Thanks to PRIMES project today we have more examples of good practice and experience to share. After few successful green tenders realized through Primes project there is obviously increase of interest and bravery in GPP.

Three public purchasing authorities are now involved in PRIMES as beneficiaries: the City of Koprivnica, City of Krizevci and the General Koprivnica Krizevci County Hospital; all of them have signed their commitment in the project (partnership agreements). Besides public procurers that have signed partnership agreement, REA North and UNDP Croatia cooperate with other public bodies that are or might be interested in GPP. So far Rea North organized technical meetings and went through their procurement plans: some specific subjects have been identified for green procurement and have been discussed with decision makers (GPP benefits were deeply explained because the commitments of politicians is key for the implementation of the activities), procurement and technical staff and heads of departments.

The services for project beneficiaries have been offered as a combination of general GPP training in groups and individual assistance on specific needs. Group trainings on green public procurement for municipalities were organized in cooperation with UNDP Croatia together with trainings within GPP2020 project. Group trainings were held by external expert in the field of public procurement. Trainings were organized as workshops where all procurers (from both projects) were able to share their experience and good practice examples. It is essential to involve all levels of municipality staff into green public procurement, inform decision makers, provide support to technical and procurement staff and educate new procurement staff members on GPP in accordance with national law and procurement legislation. According to this, besides groups trainings, an individual education was provided for three employees in City of Koprivnica and one for REA North staff

On this basis, **11 Task Force interventions** have been finalized in North Croatia until now, as detailed below.

In the City of Koprivnica (31.000 inhabitants, one of first in Croatia to have signed the Covenant of Mayors initiative in 2010) the Head of Department for Procurement and the related staff have been involved as main relevant stakeholders in the process and five GPP training were provided with 34 participants. In total the following 8 TF interventions have been implemented in the municipal territory:

- A green public tender for joint green electricity supply (1 year-2014) in 7 public buildings and street lighting. This being one of the first tenders for green electricity to be let in Croatia (an important result in the framework of PRIMES). The minimum percentage of RES electricity required has been fixed at 20% but at the end the tender has been awarded with 100% RES electricity (investment ab. 193.500,00 €). The green electricity procured is around 3.550 MWh for all institutions, meaning CO₂ savings 1333,85 tCO₂/year (according to IPCC standard with 0,376 tCO₂/MWh emission factor for electricity in Croatia). This tender has been replicated by the municipality also for the 2015 year establishing 30% as minimum percentage of RES electricity (instead of 20%) and involving in the joint procurement for more public institutions (3.723 MWh of green electricity for public institutions 100% from RES).
- A green public tender for IT devices. Aiming to buy energy efficient equipment, the Municipality has included green criteria in technical specification of IT equipment on the basis of eco-labels. As result all the equipment (printer 1 pcs, Notebook 16 pcs, Desktop computer 1 pcs, and Photocopier 2 pcs) were provided at the lowest price (6.000€) with Energy Star eco label, producing an energy saving of 0,062 toe/year est. and CO₂ reduction of 0,27 tCO₂/year est.
- A green public tender for the procurement of 2 electric buses for an investment of about 186.700 €. Thanks to the procurement of electric buses, compared to a convention solution this intervention generated an energy saving of 1.166 GJ with a reduction of 61 tCO₂.
- A green public tender for the joint procurement of solar thermal systems in the Kindergarten Tratinica and in the Center for education and rehabilitation. The Task force has done the application for co-financing from Environmental Protection and Energy Efficiency Fund and prepared the tender with technical specifications. Each intervention involved an investment volume of 9.200€, a RES production of 1,35 toe/year and a reduction of 3,15 tCO₂/year.
- A green public tender for the purchase of 100% recycled paper (according to the criteria of the Blue Angel RAL-UZ-14 or equivalent) involving an investment volume of 5.823€. (16 998 kw/h energy savings; 5,3 t CO₂ savings)

- Windows replacement in the Primary School Braca Radic. The City of Koprivnica acted as a public procurer for an investment volume of 65.800€. (Savings P Energy 13,6136 toe/year est., Savings 46,96 t CO₂/year est.)

For that concerning the Koprivnica Krizevci County Hospital (a public building with a procurement department independent of other public institutions), the Deputy Manager has been involved in the whole process and one training was provided for hospital technical and procurement staff regarding to their needs. In total the following 2 interventions have been implemented in the building:

- Greer public tender for the procurement of solar systems (replacing gas – fuelled systems): the TF has prepared the application for co-financing from Environmental Protection and Energy Efficiency Fund and prepared the tender with technical specifications. The intervention involved an investment volume of 48.000€, a RES production of 5,33toe/year and a reduction of 12,1tCO₂/year.
- Green public tender for the replacement of 45 old windows. the TF has prepared the application for co-financing from Environmental Protection and Energy Efficiency Fund and prepared the tender with technical specifications. Unfortunately the windows replacement was not related to the whole building because of lack of money. The intervention involved an investment volume of 48.000€ an energy saving of 2,83toe/year and a reduction of 9,88tCO₂/year.

With reference to the City of Krizevci, it didn't engage in green tender because of lack of political will till the end of 2015. Finally City of Krizevci have launched its first green tender in December 2015.

- A green electricity supply (1 year contract). The minimum percentage of RES electricity required has been fixed at 20% (investment ab. 155.000,00 € excluded VAT). The green electricity procured is around 2.392 MWh, what is savings around 151 tCO₂/year CO₂. This tender has been published by the City of Kirzevci thanks to good example of previous green energy tenders launched by City of Koprivnica (also within Primes project). This case proves that dissemination of good practice of GPP at national level encourages other public authorities to take action and engage in GPP.

Zealand (Denmark)

5 municipalities committed, 1 region and one supply company – Target 6 - ACHIEVED

1 TF intervention finalized +13 ongoing- Target 20- 6 missing

4 trainings organized + 1 upcoming

2 arrangements with suppliers ongoing

The Danish beneficiaries present the following features: procurement function is organized as a independent department in each municipality (with approx. 10-20 employed), the procures are well trained

in the legal framework and focused on the objective to emphasise the criterion of "most value for money" in terms of price and quality, therefore environmental/energy issues are also considered where feasible. Anyway, the general awareness on climate issues is poor in the procurement department and several difficulties in the implementation of GPP are due to the complexity of procurement procedures and the lack of coordination among departments following these activities, especially for complex procurements like ones related to infrastructures or buildings, therefore more dialogue and sharing of information in each partner institution is needed. On behalf of these findings, the main support for beneficiaries must concentrate to ensure coordination between departments, most of all in departments for infrastructure and buildings, to guarantee that environmental criteria and targets for energy saving are integrated in the procurement process.

To this aim, the TF work has organised meetings with the partner municipalities (five in total) concerning organisation issues and planning of relevant interventions with potential to achieve substantial energy savings.

The TF has received and analysed the procurement lists from the Region Zealand, the Municipalities of Holbæk and the Municipality of Odsherred. Most procurement do not have energy relevance and for those including energy issues (like IT) requirements are already standardized through existing procurement schemes (e.g. SKI). So the main target of the TF has been to support those interventions with the perspective of achieving more improvement in existing procurement practice. The general barrier is that the most interesting procurement with potential for energy savings are placed in different departments and are hard to influence. Most municipalities have already picked up the low-hanging fruits, which means that it requires more efforts to find interventions with energy saving potentials that municipalities find interesting.

On this basis the TF decided as a strategy, to relate GPP to the municipal SEAP and try to internalize GPP methods and guidelines both in procurement departments and at an higher political level.

So far, **1 Task Force intervention has been finalized and 14 are ongoing**, as detailed below.

- -In the Municipality of Roskilde a green public tender for the procurement of LED street lighting has been implemented with a holistic approach. The main focus has been to relate street light to a broader city planning perspective and thus coordinate strategies across sectors in a single tender. The finalized tender involved a total investment volume of 2.670.000€, an energy saving of 56,6 toe/year and a reduction of 260tCO₂/year. Also the municipality of Slagelse is now involved in a street lighting refurbishment project, supported by the TF in the whole starting phase.

- Several TF interventions about energy efficiency and RES in public buildings are ongoing in the municipalities of Holbaek Stavns, Ringsted, Odsherred and Lejre and Solrød; in some cases the prefeasibility studies have been already conducted for the building retrofit and in these cases the interventions could generate an overall investment volume of 6.367.000€, a RES production of 457,8 toe/year, an energy saving of 176,5 toe/year and a reduction of 1816 tCO₂/year.
- With reference to green transport, Holbæk Municipality, Ringsted Municipality and Region Zealand are all investigating their potential for replacing some of their conventional cars with electrical cars and have signed up for the Capital Regions tender cooperation of EV's. Sorø, Vordingborg and Stevns Municipality have signed up for the national Partnership for EV's. The TF is supporting the municipalities in screening their car fleet for potential and by setting up meetings with other actors, e.g. Municipality of Copenhagen and Copenhagen Electric. This intervention could generate an overall investment volume of 800.000€, an energy saving of 29,5 toe/year and a reduction of 79 tCO₂/year.
- The TF is also supporting the Municipality of Holbaek in the preparation of a tender for white goods (e.g. washing machines, tumble dryers..), part of this is to update technical criteria so they correspond to the newest energy labels. The related investment is around 226.700€/year.
- Other fields in which Region of Zeland is exploring possible way of GPP is through the hospital laundries tender for detergents and a possible tender for machines. Previous the Region also has looked into the Heath Care Electrical and Electronic Equipment and Cleaning stuff.

Liguria (Italy)

20 municipalities committed – Target 20 – ACHIEVED

4 TF intervention finalized +8 ongoing+ 9 planned- Target 20 – ACHIEVED

5 trainings organized

1 arrangement with suppliers organized

2 arrangements with suppliers planned

Project beneficiaries in the Region of Liguria are small and medium sized municipalities that have joined the Covenant of Mayors. Most of them have submitted their SEAP or are finalizing their action plan anyway, at general level, the phase of implementation of the measures aimed to energy efficiency and energy saving is challenging several difficulties, both at technical, administrative and economical level; though Primes the TF offers to the Municipalities the occasion to foster their actions towards 2020 through the implementation

of green procurement. To this aim, the TF is focusing its work to provide to the beneficiaries technical support, so to promote GPP as an effective tool to implement energy efficiency: this is also a positive strategy for promotion of GPP among all the municipalities committed to the CoM which, in Liguria, are over 100. Green procurement is a topic promoted by the Region of Liguria since some years and, at general level, Municipalities are informed about the benefits of GPP but so far they purchase green products not specifically related to the energy sector which, therefore, is a new deal: here it is a widespread lack of competences due, first of all, to the complexity to plan the interventions and, then, to manage with technical /environmental specifications.

The TF has made an assessment of the SEAPs of all the beneficiaries involved in the project (20 Municipalities) in order to identify the potential and implement the intervention in each local administration. The main categories identified for potential interventions were: building maintenance and retrofitting, also for heating plants, procurement of green electricity and public lighting.

In the meantime five Primes regional workshops have been organized (in the Provinces of La Spezia, Imperia and Savona, opened to Primes beneficiaries and to the Municipalities of the CoM), in order to spread knowledge and training on: GPP, interventions for energy efficiency, energy savings, solutions for financing and to collect data, needs and feedbacks from the involved Municipalities.

At the same time, through direct contacts/joint meetings, the TF is continuing to assess possibilities to overcome the barriers affecting the implementation of the interventions: at general level, challenges for the implementation of GPP are due to the complex legal framework ruling public procurement, to the lack of a national regulation on GPP and, most of all, to the lack of funds (caused by the financial crisis affecting public administrations, by the spending limits foreseen by the national Stability Pact and by unforeseen events which affected several Municipalities of Liguria e.g. the flooding in Autumn 2014), situations which are preventing or delaying municipalities to implement green procurements and interventions. The TF has tried to help municipalities to deal with the current situation, for example through informing and supporting them in the research of funding or alternative solutions (like ESCOs) to finance their interventions. To this aim, also joint procurement represented a strategy, therefore the TF is working with the Consortium Energia Liguria (CEN) managed by IRE spa, whose aim is to promote energy efficiency and optimisation of energy consumptions in the public sector. Through the consortium, working as joint purchasing authority, beneficiaries can procure green electricity with certificates of renewable origin according to national/RECS standard.

On this basis **in Liguria Region 4 Task Force interventions have been finalized so far, 8 are ongoing and 9 are planned**, as detailed below.

- Energy efficiency and building refurbishment: 2 TF interventions have been finalized in the Municipalities of Albenga and Plodio providing technical support for the preparation of the tenders related to the energy retrofitting respectively in schools and in public buildings. In the case of Albenga the final estimations of energy saving and CO₂ reduction will be soon confirmed because the tender is now in the final adjudication stage; in the case of Plodio the intervention involves an investment volume of 80.000€, an energy saving of 6,35 toe/year and a reduction of 15 tCO₂/year.

Other potential TF interventions in the field of building retrofit are those with the municipalities of Seborga, Calizzano and Varese Ligure respectively for heating system renovation with heat pumps in the municipal building, energy retrofitting of municipal buildings and windows replacement in the municipal school (generating 1,37 toe/year of energy saving and 37,5 tCO₂/year).

- RES: 1 TF intervention has been finalized in the Municipality of Mendatica providing technical support for the heating system renovation with biomass in the municipal building generating an investment volume of 40.000€, an energy saving of 2,1 toe/year and a reduction of 6 tCO₂/year. Another potential intervention in the same field is planned in the Municipality of Dolceacqua for the heating system renovation with biomass in the municipal building (generating 3,87 toe/year of energy saving and 37tCO₂/year).
- Green electricity: TF is continuing to promote the GPP of green electricity to all the members of CEN. The Municipality of Arcola has joined the procurement with the Consortium for an electricity supply of 370 MWh/year equal to an investment of about 8.000€ with an extra price for 100% renewable electricity of 0,70 € per MWh. The related CO₂ reduction is estimated equal to 177,6 t/CO₂. The same procedure for the procurement of green electricity is planned for the municipalities of Diano Arentino and Rocchetta Vara.
- Street lighting: since the public lighting renovation has been recognized as one of the most interesting themes for Local Authorities, the TF has identified six municipalities to concretely support in the preparation of a tender for the green procurement of Public Lighting. These municipalities are Taggia, Dolceacqua, Seborga, Mendatica, Moconesi and Rocchetta Vara. A technical analysis of their PL grids has been developed (the whole process is quite hard because the actual status of PL in the involved municipalities is very bad) and a draft version of the tender for the renovation is now circulated among municipalities to get their feedbacks and consolidate the draft. A meeting with suppliers of lighting technologies and ESCOs is planned before the publication of the final tender. This intervention could be potentially replicated to all the other regional municipalities interested in the PL renovation.

- Finally, the TF has recently established new contacts with other municipalities (Borgio Verezzi, Tovo San Giacomo, Urbe, Vado Ligure and Quiliano) interested in the purchase of green electricity and possible interventions in the field of energy efficiency and RES. Some meetings with them are planned in order to better analyse their current situation and needs.

Latvia

6 municipalities committed – Target 6 - ACHIEVED

2 TF intervention finalized +5 ongoing- + 5 planned - Target 20- 8 missing

7 trainings organized

2 arrangements with suppliers ongoing

GPP in Latvia is a quite new approach: since the beginning of the project government employees involved in the activities admitted not to have general understanding about GPP and explained the need to start with basics. General experience in municipalities is that GPP always pushes up prices, because of non-existing competition. Therefore, the main need for the Municipalities is to have experts and technical professionals to support them in the development of specific criteria to put GPP in practice but, first of all, there is a need to rise awareness among politicians and to organize training sessions to provide the municipal staff with knowledge and instruments.

LEIF has organized dedicated meetings in all the 5 beneficiary municipalities, which in the meanwhile have been asked to collect information on energy consumptions to evaluate the potential for interventions, and five joint sessions dedicated to understand the needs of municipalities, explain the benefits of GPP and set up a joint action plan: on these basis LEIF is hiring professional experts to implement the training to the beneficiaries and to provide technical support to realize the interventions; moreover, LEIF is collaborating with the Procurements Monitoring Bureau (PMB) and participated in 5 work group meetings, established by the Ministry of Environmental Protection and Regional Development, to help and give input for the national GPP implementation plan, which is now is approved by the cabinet of Ministers, but Public procurement law is now open and is under revision. In Public Procurement Law has been inserted the delegation for green public procurement, but it still isn't clear defined for which product groups. Clear regulation regarding GPP is still under revision and the first draft version will be available soon..

All the beneficiaries involved in Primes were willing to learn and know more about GPP and committed to cooperate with LEIF but, due to administrative reasons, no green procurement has been possible for the municipalities in 2014, therefore the schedule of interventions has been shifted to 2015.

So far, 2 Task Force interventions have been finalized, 5 are ongoing and 5 are planned as detailed below.

- A green public tender for the street light refurbishment has been implemented in the Municipality of Preili; this tender was actually ready in the first months of the project but, because of a lack of finance, it has been realised, with a strong support from the municipality's mayor, only in the middle of last year, involving a total investment volume of 168.000€, an energy saving of 4,17toe/year and a reduction of 21tCO₂/year.
- The TF participated in some meetings with the Municipality of Carnikava to present GPP and possible green criteria, a GPP school refurbishment procurement has been finalized in the Municipality of Carnikava. The tender was announced, but than stopped by the municipality, because of too expensive offer and only 1 bidder submitted the proposal. It was stopped and revised by the TF team and other involved experts and will be announced again after round table discussion with suppliers in Carnikava municipality. This is very complex and huge procurement, because it includes low emissions house standards, integration of RES in the existing heating system, energy efficiency measures, attention to indoor and outdoor lighting. The goal of the municipality for this specific procurement was to integrate all the newest and most innovative equipment, to make it as much energy efficient as it could be. They (the municipality) left all developed and suggested criteria which TF team suggested to put in. Investments, energy savings, RES production and CO₂ reduction have to be confirmed.
- In Liepaja municipality TF developed very similar GPP as in Carnikava, but for municipal building renovation works. It has been announced and municipality is waiting for offers. After evaluation process, the winner will be announced. Municipality plan to do finish it at the end of February 2016.
- In the municipalities of Tukums and Adazi some meetings have been organized to discuss possible and upcoming GPP activities, both municipalities are interested in construction project GPP.,but Municipality of Valka for RES procurement such as bioenergy etc.
- In the municipality of Lielvarde the TF supported the preparation of two green tenders, one for Computer equipment procurement and the other for Transportation service for pupils. Both the tender processes finished with no results, the mayor didn't confirm the integrated criteria because of the higher costs of the green products, despite his awareness of GPP benefits.
- Three GPP measures are upcoming, one in the municipality of Valka for green electricity procurement, second in the municipality of Daugavpils for low floor tram procurement and the third in municipality of Grobina for school building complex renovation works.

Rhone Alpes (France)

18 municipalities committed – Target 14 – ACHIEVED

10 TF intervention finalized +9 ongoing- Target 14 ACHIEVED

27 trainings organized

2 arrangements with suppliers finalized

Since the beginning of PRIMES the TF has focused its interventions on public schools, which are managed by the Regional Council of Rhone Alpes, in the meanwhile in order to meet the needs of the regional territory the French TF has started to widen the range of project beneficiaries also to Municipalities and several public entities (associations of Municipalities, regional and county Councils, public institutions) which have been involved in training and implementation activities

The main tasks of the TF have been to provide to all these purchasing authorities competences and tools to implement GPP (advices and elements for writing in their tenders like technical specifications or selection criteria), to collaborate with regional suppliers and clusters in order to increase the offer of green products and services in the local market (so that they can understand GPP criteria and be able to answer to the tenders) and to promote the implementation of innovative interventions, despite the possible barriers at political, administrative and technical level.

So far, **10 Task Force interventions have been finalized and 9 are ongoing**, as detailed below.

- Green Public Procurement of energy: in order to meet the opportunities offered by the liberalization of the energy market in France (gas in 2014 and electricity in 2015) the TF has worked to support the municipalities to face their obligation to open their energy procurements to competition and, in the meanwhile, to implement innovative GPP through the procurement of green gas. A pilot intervention has been finalized in the Municipality of La Motte Sevrolex, with a tender whose main goal was to purchase a part of renewable gas (10%) but also to buy it through a joint procurement, in order to obtain a lower price, and to include additional environmental criteria. This intervention involved an investment volume of 165.000€, an energy saving of 142 toe/year and a reduction of 345 tCO₂/year. In the meantime the TF organized several technical meetings and training sessions about gas procurement, presenting also the pilot tender of La Motte Sevrolex, for over 50 municipalities that have joined a Regional Network for the procurement of green gas. Among these, the TF successfully convinced the Bourg and Bresse agglomeration to include green gas purchase as a pre-requisite to their tender that was published involving an investment volume of 700.000€, an energy saving of 32 toe/year and a reduction of 345 tCO₂/year. Moreover, the TF is supporting the Regional Network for green gas procurement providing them with information about technical environmental

specifications for tenders. This intervention, involving more than 50 public bodies, could generate an investment volume of 500.000€, an energy saving of 180 toe/year and a reduction of 491 tCO₂/year.

About the green electricity a TF intervention has been finalized with SIGERLY (an energy union of 56 municipalities) defining a joint procurement of 100% green electricity (equal to 13 GWh/year) that generated an energy saving of 1100 toe/year and a reduction of 1000 tCO₂/year. A similar TF intervention is ongoing with the municipality of Lyon in order to include technical specifications a green electricity in their ex related tender.

- **Transports and vehicles:** in the municipality of Bourg en Bresse a TF intervention has been finalized for duty vehicles generating an investment volume of 32.000€, an energy saving of 0,1 toe/year and a reduction of 0,3 tCO₂/year. The TF supported the Roannais agglomeration (about 40 municipalities) in the GPP of 10 new vehicles for a total investment volume of 135.000€, an energy saving of 1,4 toe/year and a reduction of 3,5 tCO₂/year. Moreover, a TF intervention has been finalized with the Société Dauphinoise pour l'Habitat (SDH), a public social housing company operating in more than 130 municipalities, through the GPP of 45 vehicles for a total investment volume of 803.000€, an energy saving of 0,6 toe/year and a reduction of 14 tCO₂/year.
- **Wood Chips procurement:** in the Municipality of Aix le Bains a TF intervention has been finalized in the purchase of sustainable criteria wood chips for a boiler, generating an investment volume of 160.000€, an energy saving of 77-112toe/year and a reduction of 190-270 tCO₂/year.
- **Energy efficiency and building refurbishment:** in the Municipality of Bourge en Bresse two TF intervention have been finalized including environmental and energy sustainable specifications in the tenders for the windows replacement in a social house and the insulation of a school, for an overall investment volume of 354.000 €, an energy saving of 0,5 toe/year and a reduction of 0,1 tCO₂/year. With reference to the ongoing interventions, the TF is now supporting the Department of Rhône and the Department of Isère to include GPP criteria in the refurbishment respectively of a secondary school and of their Department office (windows replacement and insulation in both cases). Also the Rhône Alpes Regional Council is being supported in a similar way for the refurbishment of an high school concerning (windows replacement and lighting) and of the Regional Council building (windows, doors, wood boiler and lighting).
- **The TF activities have focused on the implementation of interventions for the tender lighting renovation in 5 schools.** Specific training has been provided to the involved staff and a collaboration with the "Cluster Lumiere" has been set-up in order to promote the effectiveness of the action.

Blekinge and Kronoberg (Sweden)

10+3 municipalities committed – Target 9 – ACHIEVED

5 TF intervention finalized +17 ongoing+ 6 planned- Target 25 ACHIEVED

57 trainings organized

3 arrangements with suppliers finalized + 1 or 2 ongoing

At general level, among public procurers of Sweden there is a high level of knowledge about GPP and Municipalities are usually strongly committed to its implementation, this means that the Swedish TF has to face a challenging situation to promote GPP even further; on this aim, the TF is focusing its activities to promote among beneficiaries innovative GPP approaches (based for example on LCC and “cradle to cradle”), to widen the replication of particularly effective and complex interventions and to explore also new possible categories for GPP in the energy sector.

During the first project period the project beneficiaries have expressed the desire to increase the occasions to implement joint activities and, to this aim, the TF has organized meetings and training sessions for the Municipalities and County councils in large groups, also through the involvement of the existing GPP networks, in order to promote knowledge sharing and create synergies among the initiatives ongoing in the territory (ESS was also invited to the regional climate cooperation group, to provide information on how to work with GPP and procurement policies and create synergies among CO₂ reduction strategies).

The task force interventions were therefore a mix of trainings, meetings, discussions, seminars etc since this is what the municipalities are asking for. Training activities so far have focused on specific product groups like vehicles, outdoor lightning, general GPP training and specific sessions have been devoted to explain and promote the possibilities of EPC. TF efforts have been aimed also to promote dialogue among public procurers and suppliers, provided the strategic role that pre-procurement can have in GPP; on this aim the TF is now working to organize a 3day – training event (“GPP with energy in mind”) to promote dialogue among all stakeholders in order to foster cooperation with local suppliers related to several product groups and services. The TF is working on TFI for sustainable IT procurement.

So far, **5 Task Force interventions have been finalized, 17 are ongoing and 6 are planned** as detailed below.

- Street lighting: two TF interventions have been finalized with the tender for luminaries in the municipalities of Almhult and Vaxjo. The same TF activities are ongoing in the municipalities of Karlskrona, Kalmar, Ronneby, Alvesta, Ljungby and the Region of Kronoberg.

- Green electricity: two TF interventions have been finalized with the tender for green electricity procurement for the municipalities of Almhult and Ljungby. 56 237 kg CO₂ savings/year.
- Transports and vehicles: one TF intervention has been finalized in the Region of Kronoberg for the GPP of 150 vehicles. Two TF interventions have been finalized with the tender for vehicle in the municipalities of Almhult and Vaxjo End of project Investment 3,4 M EUR, Energy saving N/A. RES triggered ca 90 000 l of renewable fuel, CO₂ savings: ca 325 t CO₂. Other TF interventions are ongoing in the transport sector, with the municipalities of Vaxjo, Borgholm (transportation service food), Morbylanga , Karlskrona, Ronneby, Alvesta, Ljungby
- Indoor lighting procurement: two TF interventions are ongoing in the municipality of Vastervik and Alvesta.

Feedbacks so far:

Barriers	Opportunities
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<ul style="list-style-type: none"> - Legal and administrative framework - Lack of political commitment and official control - Lack of knowledge on GPP (benefits, procurement procedures, technical specifications) and lack of best practices at regional level to showcase - Unavailability of green products/services on the market or higher prices - difficulty to coordinate several participants / departments, most of all in complex interventions (like buildings renovation) - Lack of funding - Lack of personnel (e.g. inside little sized PO) - Unforeseen priorities due to critical situations - The agreement among PRIMES partners and committed Municipalities is a recommending agreement, it doesn't predict any sanctions if municipalities refuse to make GPP interventions for any reasons. On this basis, although all the project partners' efforts, project goal (114 procurements) could be not reached. 	<ul style="list-style-type: none"> - Different levels of expertise on GPP among regions involved in Primes - Possibility to train beneficiaries and decision makers about GPP and benefits (energy/ CO₂/money saving) - Local best practices available from first TF interventions - High level of participation among beneficiaries and opportunities for replication of interventions - Synergies with other initiatives (CoM, other EU projects, local initiatives) and cooperation with suppliers - Joint procurement as a tool to lower prices of GPP products/services - Alternative solutions to finance interventions (e.g. EPC contracts)
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