

I will participate as a prospective project participant/leader
Short description of organisation:
<p>Province of Flemish Brabant:</p> <p>The Province of Flemish Brabant is a regional authority. As one of the five provinces of the region of Flanders (Belgium), Flemish Brabant employs 750 people and has powers in the fields of education, social and cultural infrastructures and social policy. It also deals with the environment, with highways and waterways, the economy, transport, public works, housing, etc. The province cooperates with municipalities, businesses, research institutions and intermediate organisations in Flemish Brabant, with other level authorities in Flanders and Belgium and with partners abroad.</p> <p>In the environmental field, Flemish Brabant implements regional (Flemish) environmental policies, designs and implements provincial environmental, climate and nature conservation policy and promotes environmental and nature education. Important sources of inspiration for these and other provincial policies are the EU2020 strategy and the Flemish Reform Programme Europe 2020, as well as the ideas and aspirations of regional and local stakeholders. The province of Flemish Brabant aims to be climate neutral by 2040.</p> <p>The province of Flemish Brabant consists of 65 municipalities in central Belgium. The region, which encircles Brussels, had 1.094.751 inhabitants at the beginning of 2012. Flemish Brabant, a mixed rural and urban area with small-scale agriculture, many settlements and an industry dominated by the knowledge and service sector, is among the most prosperous regions of Flanders. One of the interesting clusters that are developing in Flemish Brabant is cleantech, including mechatronics, e-mobility, smart systems, smart materials and smart grids.</p> <p>The importance of biomass, wind and solar energy is growing in Flemish Brabant, but is still underdeveloped compared to neighbouring countries, whereas small-scale hydropower and other renewable sources are still virtually unexploited. Flemish Brabant will need a smart mix of all of these alternative sources, combined with drastic energy savings. The potential for energy savings in the region is considerable.</p>
Main areas of expertise
<p>Covenant of Mayors – climate & energy</p> <p>Supporting local authorities of Flemish Brabant</p>
Previous, relevant EU project experience:
<p>Project Name: BEAST – Beyond Energy Action Strategies Website: www.beastproject.eu</p> <p>Project Name: Save@Work Website: www.saveatwork.eu – www.saveatwork.be</p>

Project Name: Cycle Highways Innovation for smarter People Transport and Spatial Planning (Chips)

Website: www.cyclehighways.eu

Project Name:

Website:

Project Name:

Website:

Project proposal Acronym/Title: SYN(EN)ERGISING

Call topics (topic identifier) of interest: **EE-09-2016-2017: Engaging and activating public authorities**

Energy, climate, Covenant of Mayors, buildings,

Short description of project idea

Background information:

Local authorities across Europe have realised the need to become important partners in the common global fight against climate change to reduce CO2 emissions and were committed through the Covenant of Mayors and other relevant initiatives to develop and implement ambitious Sustainable Energy Action Plans.

Local authorities, with the support of Covenant Supporters, Coordinators and Energy Agencies have managed to face successfully the challenges of elaborating accurate Baseline Emission Inventories and develop Sustainable Energy Action Plans. However, many local authorities have difficulties in finding the financial resources for the implementation of energy actions.

Also, an important barrier within the local authorities is the lack of expertise and appropriate internal organization structures to support and stimulate local stakeholders and citizens to take ownership in the energy transition.

One of the key challenges remains in linking up public bodies at the national, regional and local level through effective multi-level governance to share strategies and expertise and realise an energy transition driven from the local level.

Only by co-creation it will be feasible to achieve a coherent transformation of the energy system capitalising on synergies and economies of scale.

Project scope:

The project, aims to support existing CoM Signatories, CoM Coordinators and – Supporters to

1. Extend the Public authorities objectives to 2030 of Energy Efficiency | Renewable energy production in public buildings/area and guide them to introduce and implement ambitious actions by applying innovative financing and training

solutions.

2. Enhance the multi-level governance and economies of scale by setting up MLG-working groups and Regional Strategic Partnerships to aggregate and facilitate (inter) municipal EE|RES projects and assessing the replication potential of successful projects and measures.
3. Enhance the role of the Regional CoM coordinator by aggregating and facilitating the concerted planning and implementation of energy projects and developing a self-sufficient Project Development organization for EE| RES projects
4. Delivering a peer-learning plan and organising the peer learning exchanges and pro-actively disseminate the best practices to increase the capacity to realise the energy transition.

Project activities:

1. Public Authorities as Initiator

Assist Public Authorities (CoM Signatories) to extend their objectives to 2030 of Energy Efficiency | Renewable Energy Production in Public Buildings | Public Areas and guide them to introduce and implement ambitious actions by applying training and guidance.:

- 1.1 Develop and deliver training activities to the staff of at least 3 local authorities (that already have a SEAP) to become Energy Managers and learn about Measurement and Verification (M&V) of energy savings.
- 1.2 Development of a long term Energy Efficiency | RES plan in Public Buildings | areas in 3 local authorities in each country.
- 1.3 Exchange experience | peer evaluation

2. Enhance the multi-level governance and economies of scale by setting up MLG-working groups and Regional Strategic Partnerships to aggregate and facilitate (inter) municipal EE|RES projects and assessing the replication potential of successful projects and measures.

- 2.1 Establishment of Multilevel Governance Groups in each country composed by local, regional and national authorities in order to enhance the successful implementation of local, regional and national Energy Efficiency strategies and objectives. Frequent meetings and events will be organised with the participation of energy stakeholders.
 - 2.2 Mobilising ownership and resources through local partners in SEAP implementation
- Looking to the local authority as initiator in enforcing relations in EE and RES in public buildings and private homes | suburbs with concerted planning and implementation of energy projects, delivers capacity to the local energy transition in achieving synergies and economies of scale

3. **Enhance the role of the Regional CoM coordinator** by aggregating and facilitating the concerted planning and implementation of energy projects and developing a self sufficient Project Development organization for EE| RES projects

3.1 Review of existing financing tools and solutions in each country and development of a new innovative financing tool on Regional level. (crowd funding, schemes, loyalty cards, energy coupons, green tax, energy fund etc.) to support further development of Energy Efficiency | RES Projects from the local SEAPs in the region

3.2 Explore for a business model to create operating resources for the Regional strategic partner |expert knowledge to be able to support projects development on the long term in the region. This could be f.e. by creating an self-sufficient project development organisation after having launched the first RES projects.

Depending on the legal entity of the CoM coordinator (Regional Authority ,Energy agency, ...) the PDA organisation might be embedded in the current CoM organisation either embedded in a cooperating seperatly organisation or legal entity.

3.3 Create a toolbox to implement EE|RES projects on local level

- Prepare and procure public tenders for the energy refurbishment of at least 1 EE and RES pilot project in each participating country. Evaluation of the pilot projects and publication of best practices.
- Guidance on Join Public Procurements for the Enhancement of economies of scale
- Co-creation and communication tools
- Co-funding instruments (PDA – ELENA – EIB – EEF)
- Technical Assistance

4 **Peer to peer evaluation** of the increased capacity to help deliver Energy Transition

To be defined more in detail

4.1 Organising the peer-learning exchanges;

4.2 Defining the learning objectives and expected impacts and;

4.3 Proactively disseminating and ensuring further replication of results (e.g. replication strategy) beyond the participating public authorities and Member States .

Main objectives and how they will be achieved – including work packages

Main objectives:

- Primary energy savings, renewable energy production and investments in

<p>sustainable energy triggered in the territory of participating parties</p> <ul style="list-style-type: none"> - increased skills/capability/competencies on energy issues for public authorities/CoM Signatories - enhance the successful implementation of local, regional and national Energy Efficiency strategies and objectives through multi-level governance and collaboration with important stakeholders. - enhanced capacities for CoM Coordinators/Supporters in supporting CoM Signatories with the implementation of their SEAPs by aggregating and facilitating cross-sectoral concerted planning and implementation of EE/RES projects in the region. - foster relationships between public authorities and municipal stakeholders by mobilising ownership and resources through local partners and sectoral initiatives in the SEAP realisation.
<p>Work packages: to be elaborated</p>
<p>Expected impact of the project (see call text)</p>
<p>To be elaborated</p>
<p>Environmental and socially important impacts: to be elaborated</p> <p>Stage of the proposal is still a concept note, although we aim to have a clear environmental and social impact by fostering regional collaboration and new business-concepts.</p>
<p>Barriers and obstacles that may determine the impact of the project:</p> <p>Stage of the proposal is still a concept note, barriers and obstacles still have to be identified more in detail.</p>
<p>Profile of partners sought (cities, regions, consultants, other, geographic location...) and expected role in the proposal:</p> <p>CoM Coordinators, regional authorities, energy agencies, consultants,...</p> <p>Partners that already expressed their interest in participation:</p> <p>Cyprus Energy Agency (CEA – CY), EY Cleantech and Sustainability Services (BE / EU), Province of Flemish Brabant (PFB – BE), Instituto Tecnológico de Canarias (ITC-ESP), Comhairle nan Eilían Siar (CNE – UK), Comunità Montana Valtellina di Morbegno (CMM-IT)</p> <p>On this moment we plan further meetings to discuss the WP's , preferred roles and</p>
<p>Specific countries/regions/cities you are keen to collaborate with:</p> <p>We are still looking for a strong lead partner and participants of North, East and Central Europe.</p>
<p>First Name: Els</p>

Energy Brokerage Event – Project Development Workshop
Horizon 2020 Energy 2017 calls



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