

**I will participate as a prospective project leader**

**Short description of organisation:**

The Energy Agency of Extremadura (AGENEX) is a public entity, set up by regional and local entities of governmental and training nature, created in 2001 in order to promote the energy source diversification and the energy efficiency in Extremadura.

Agenex, is promoting different initiatives aimed at the improvement of regional and local policies in the area of energy. Regionally it has been involved in the Extremadura Energy Plan 2009-2012, PLAN 2000 (Green procurement and ESCo support) and in the Extremadura Energy Plan 2010-2020). At a local level, Agenex supports on a constant basis the municipalities of the region. Its biggest on-going project in this area is the Greener-Ex project (ELENA-EIB), where Agenex has planned and developed an investment programme for a total of 163 municipalities, focused on public buildings, biomass, street lighting and electric vehicles, developing and bundling investment projects and supporting green public procurement. The project development services support a large investment programme to be implemented predominantly by ESCOs.

**Main areas of expertise**

Agenex has been developing in the last years a wide array of activities, having gathered relevant experience in RES and EE. Anyhow, with respect to innovative financial schemes, Agenex, is promoting different initiatives aimed at the implementation of innovative energy services combined with Financial Instruments in both public and private sectors.

The most recent references on these issues are the 3 following projects coordinated by Agenex:

- ELENA project GreenerEx (on-going project 2015-2018), which promotes an innovative bundled EPC system for municipalities, which assures integral energy intervention.
- FINERPOL (Interreg Europe on-going 2016-2018), which is designing 8 complex Financial Instruments for ESCO intervention in energy renovation of private buildings, joining ESIF, EFSI and private funding.
- REHABILITE (Interreg Europe on-going 2016-2018), transnational platform for implementation of energy renovation of building through complex funding models, EPC and ESCO, together with innovative technologies.

Moreover Agenex is partner in Enerinvest Investment Platform (H2020 ongoing 2016-2019), where Agenex is leading the task about innovative financing for energy projects.

**Previous, relevant EU project experience:**

Project Name: Spanish Platform for Promotion of Energy Investment

H2020. Agenex partner. From 2016 to 2018

Website: [www.enerinvest.es](http://www.enerinvest.es)

Project Name: Financial Instruments for Energy Renovation Policies

Interreg Europe. Agenex coordinator. 2016-2018

Website: <http://www.interregeurope.eu/finerpol/>

Project Name: Rehabilitate: Innovative Financing Platform for energy rehabilitation.

Interreg SUDOE. Agenex coordinator. 2016-2020

Website: [Still not launched.](#)

Project Name: GreenerEx

ELENA project (EIB). Agenex coordinator. 2016-2014

Website: [http://www.eib.org/attachments/documents/elena\\_greener-ex\\_factsheet\\_en.pdf](http://www.eib.org/attachments/documents/elena_greener-ex_factsheet_en.pdf)

Project Name: ENPCOM, EU network for the promotion of Covenant of Majors

Europe for Citizens. Agenex coordinator. 2014-2016

Website: [www.enpcomproject.eu](http://www.enpcomproject.eu)

**Project proposal Acronym/Title: FISDEEP (Financial Schemes for the deep renovation of buildings)**

**Call topics (topic identifier) of interest:** EE-23-2017: Innovative financial schemes.

**Short description of project idea**

The EU defined the Energy Efficiency in its 2015 report as “the first fuel for the EU economy”, but it warned that EE measures require very high initial investments that have to be financed in new ways.

As underlined in the Investment plan for Europe, significant investments are needed in the scale of around EUR 100 billion per year 50 in order to meet the 2020 and 2030 energy efficiency targets of the European Union. While the EU Structural and Investment Funds and national support schemes can contribute to some extent with public finance, most of the financing needs to come from the private sector. The Energy Efficiency Market Report by the International Energy Agency confirms that energy efficiency is becoming an established financial market segment, energy efficiency finance is expanding and innovating, with new funding approaches and business models, and the market potential for energy efficiency is growing significantly. However, in order to reach more quickly the full market potential, the development and large-scale uptake of new business models and energy efficiency services such as Energy Performance Contracting combined with innovative financing solutions are needed to better monetise the future energy savings for the initial investments.

The common challenge to most of European players is to identify existing tools, create new ones and capitalise the existing knowledge and techniques in order to support the effective implementation of the Investment Plan for Europe (Juncker Plan) and a more effective, leveraged use of ESIF that allow for the elimination of the investment barrier in the case of private housing.

This project intends to create a cross-cutting partnership, including all actors in order to set up and/or replicate innovative financing models for EE in private housing. Models such as those included in the CITYNVEST project (H2020) will be thoroughly analysed: ECOPOWER, Berlin Energy Saving Partnership, London’s Building Retrofit Programme-RE:FIT, Energy Fund Den Haag – ED, Bulgarian Energy Efficiency and Renewable Sources Fund – EERSF, Warm Up North, SPEE Picardie and KredEx, among others. Also the findings of the H2020 „Buildinterest” and „Enerinvest”-projects will be analysed.

Anyhow, the project will specifically target the role of private-public partnerships, specially those including utility companies as an active stakeholder in the financing of deep energy renovation of buildings, as more general approaches have already been tackled in other projects. Moreover, this project will also include a capacity building programme on innovative financing for public authorities, energy agencies, utility companies and financing institutions.

The project will have as main goal the identification of 2 successful PPP models including utilities (using for instance on-bill financing schemes or similar), replicate them and then build a common methodology that allow the adoption of the project results on a EU-wide basis.

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

General Objective: Setting up of innovative financial schemes based on PPP schemes (with the participation of utility companies) at local or regional level and creation of a common methodology and capacity-building programme in order to spread the projects findings and results to more European areas. The project should therefore identify the barriers that impede the effective setting of financial schemes (based on public private partnerships including utility companies).

Specific objectives:

- 1– Replication of 2 innovative PPP financial schemes, specially based on those that include utilities and involve private housing.

- 2– Analyse the impacts of existing instruments.
  - 3– Analyse the up-scaling requirements of the existing instruments.
  - 4– Creation of a common methodology (based on the replication) and a common capacity-building programme in order to ensure a future european-wide impact of the project and the implementation of the project’s innovative financing schemes
- Work packages: **WP1:** Management and coordination **WP2:** Collection of data and experiences. **WP3:** Replication of innovative financing schemes and common methodology **WP4:** Capacity Building. **WP5:** Communication and dissemination.

**Expected impact of the project (see call text)**

- 1– Delivery of 4 replicated innovative PPP financing schemes (with utilities), with full functioning capacity. Schemes will be based on 2 previous PPP financing scheme.
- 2– Creation of a common european methodology in order to spread the practices to other EU-areas,
- 3– 200 market stakeholders participate in the capacity building programme, of which, at least a third should come from utility companies.

**Environmental and socially important impacts:**

**Barriers and obstacles that may determine the impact of the project:**

- 1– Lack of knowledge from the public administrations, financial entities and facility companies able to conduct big-scale energy projects.
- 2– Lack of trust among the private housing owners and tenants with respect to EE financing schemes based on PPP.
- 3– Lack of coordination among the responsible entities.

**Profile of partners sought (cities, regions, consultants, other, geographic location...) and expected role in the proposal:**

**Specific countries/regions/cities you are keen to collaborate with:**

We intend to build a geographically-balanced project, so the whole EU area can be included, but the following are specially welcome: 1–Already existing Public-Private partnerships with experience in the area. 2– Public administrations with direct relation to utility companies. 3– In general public administrations with interest in developing financing schemes and proven capacity of directly influencing their EE-related policies. 5– Agencies, professional associations and clusters with relevant experience in the area.

First Name: Javier

Last Name: Ordóñez Muñoz

Organisation: Agencia Extremeña de la Energía

Email Address: jordonez@agenex.org

Telephone no: +34 924262161