

POWERTY

Renewable energies for vulnerable groups

BILATERAL MEETING N° 2

AURA-EE & AEA in Seville (4-5/11/2021)



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1 Introduction

During the bilateral meetings, all necessary information to define the **adaptation of the good practices by a region will be compiled**, depending on the particular local conditions in each region, as well as the more appropriate methods and monitoring indicators. **Each partner will develop at least one bilateral meeting** on the themes of interest to make sure that all partners participate in this exercise in a balanced way.

The bilateral meetings will be developed in situ and /or electronically (skype conferences, video conferences, or telephone interviews, etc.). The results of the bilateral meetings will be documented by the host region and will be useful to further develop the final version of the action plan in each region.

Each partner region may host several partners in a multilateral meeting in case they are interested in pursuing and adapting the same working issues.

2 Bilateral meeting

On the [4th and 5th of November 2021](#), AEA hosted AURA-EE during the **two-days bilateral meeting** in Seville (Andalusia, Spain) where the partners continued the learning process focused on the good practices identified by AEA in Andalusia which are of interest for AURA-EE.



In the Annex section located at the end of this document, the **Agenda** is attached which focused on:

Day 1 (04/11/2021)

Welcome opening by the Director of AEA, *Francisco Javier Ramirez*.



Case of study 1. “ALUMBRA” rural energy community and their energy at the school project ([access to the good practice](#)) presented by Bosco Varelo (MUTI Association).



MUTI Association works for the sustainable development of the rural world in an integral, participatory way, where no one is excluded, and where common sense, culture, cooperation, respect for others and the environment are our signs of identity. MUTI comes from mutar, a Latin verb that means “to change”. The association was born to be an active part of a changing rural world, to promote a reasoned and sustainable evolution, as dictated by collective intelligence.

Ivan López, a councilor of the County Hall of Arroyomolinos de León (Huelva), welcomed participants in the County Hall, and together with Bosco Varelo, explained the developments of the “ALUMBRA” rural energy community and their energy at the school project. The participants then visited the school where the collective PV to give energy to the families who live around 500 metres from the school is going to be installed.



Day 2 (05/11/2021)

Coordination meeting at the AEA office by Joaquin Villar (AEA).

Participants continued talking about the opportunities coming from Energy Communities and also about the POWERTY project pilot actions.

Case of study 2. ECOOO. An installing solar panels insertion company whose employees are people at risk of exclusion ([access to the good practice](#)) at the AEA office by Laura Feijóo (ECOOO).

[ECO00](#) promotes and develops projects in favour of a new sustainable energy model in the hands of people.

Laura Feijóo explained all the activities carried out by ECO00, for example the reuse of solar installations, etc. and in particular the good practice “An installing solar panels insertion company whose employees are people at risk of exclusion”.



Case of study 3. QUANTICO rental. Financing model for solar self-consumption facilities ([access to the good practice](#)) by Ruth Borrego.

[QUANTICA Renovables](#) is a company which is part of the stakeholder group of POWERITY in Andalusia. A group of experts in renewable energies, with extensive experience in multinational companies in the sector, has gathered at QUANTICA Renovables. The company’s experience has kept photovoltaic technology as a common denominator since 2006.

Ruth Borrego presented Quantica Renovables and explained the quantico rental scheme.

Case of study 4. Pilot Action of AEA ([access to the section “Pilot Action “ in the POWERTY library](#)) at the Social Services Torreblanca office by Macarena Luque / Ana María Maraver (Social Services), Concepción Lopez (Torreblanca Ilumina Association) and Fernando Cordero (Som Energía).

[Som Energía](#) is a non-profit green energy consumption cooperative. Their main activities are the commercialization and production of energy from renewable sources. They are committed to promoting a change in the current energy model to achieve a 100% renewable model.

Macarena Luque explained the barriers that they are encountering during the development of the pilot action and AURA-EE explained their barriers and solutions involved with the development of their pilot.



To know more about the good practices identified in the POWERTY project, the good practice guide is available in the project [LIBRARY](#).

3 Good practice (s) to be adopted

AURA-EE were interested on the **energy communities** experiences in Andalusia, the **financing model** for solar self-consumption facilities “QUANTICO rental” and about the reuse of used photovoltaic equipment as an economic model on the environmental level.

In the Annex section located at the end of this document, the **Benchmarking-fiche** of the good practice to be adopted created by AURA-EE is located.

4 Attending partners and stakeholders

The **6 attendees** from AEA team and AURA-EE team are shown in the following table:

Name	Role	Organisation
Joaquin Villar	Head of Depart.	AEA
Ruth Borrego	Project Officer	AEA
Angel Saez	Project Officer	AEA
Maria Luisa Borra	Project Officer	AEA
Catherine Premat	Head of Depart.	AURA-EE
Noemie Zambeaux	Project Manager	AURA-EE

The **9 speakers** who presented during the bilateral meeting are shown in the following table:

Name	Role	Organisation
Bosco Varelo	Stakeholder	MUTI Association
Ivan López	Councilor	County Hall of Arroyomolinos de León
Laura Feijóo	Technician	ECO00

Concepción López	President	Torreblanca Ilumina Association
Macarena Luque	Technician	Social Services of Torreblanca
Fernando Cordero	Technician	Som Energia
María José Montero	Volunteer	Som Energia

5 Conclusions

During the bilateral meeting in Spain, AURA-EE took some ideas from good practices about energy communities and the reuse of PV installations to be included in their Action Plan.

6 Annexes

6.1 Benchmarking Fiches

BENCHMARKING FICHE TEMPLATE – POWERITY

VERSION V2 – DECEMBER 2020



Region: Please indicate the region where to be implemented	FRANCE
Topic: Please indicate one of the four topics of the POWERITY project	Financial, empowerment, and Technical
<i>Benchmarking fiches will be used for each region to indicate how to consider adopting the good practices identified by the participant regions of POWERITY Project</i>	
Good practice to be adopted:	Please indicate the name of the good practice your region is interested to adopt. Please specify also the topic of the practice and if your region is interested in some specific part of the good practice
<p>The good practices of interest are:</p> <p>QUANTICO rental. Financing model for solar self-consumption facilities : https://www.interregeurope.eu/policylearning/good-practices/item/4954/quantico-rental-financing-model-for-solar-self-consumption-facilities/</p> <p>And</p> <p>An installing solar panels insertion company whose employees are people at risk of exclusion –E0000 : https://www.interregeurope.eu/policylearning/good-practices/item/4429/an-installing-solar-panels-insertion-company-whose-employees-are-people-at-risk-of-exclusion/</p>	
Are you interested in implementing a PILOT ACTION in your region on this good practice?	Please, answer "Yes or No" More information in Interreg Europe Manual (Section 4.2 <i>What activities may take place under each phase?</i>)
YES	
Main needs to respond to:	Please specify the main needs in your region related to the topic that you think the good practice once adopted in your region will give a response
Several energy communities in the AURA region are mature enough to invent new models (compared to the traditional model of selling energy to the grid) to provide a service offer to vulnerable households to enable them to access renewable energy. The reuse of used photovoltaic equipment could be a lever to find a virtuous economic model on the environmental level.	
Main objective to transfer the good practice to your region:	Please detail what you want to improve or to achieve in your region by adopting the good practice. Identify what changes you want to make in your region

The "citizen ESCO" model does not exist in France for the moment and we are interested to better understand the contractual set-up used by Quantico Real between the parties involved and the economic business model to provide this type of service to vulnerable households.

ECOOO's example could inspire other regions in the Auvergne-Rhône-Alpes region that are committed to integration through employment and for which the energy transition is a significant and growing source of jobs. (empowerment)

We are also interested in the technical conditions to be met for the reuse of second-hand photovoltaic equipment.

Factors that might hamper the transfer:	Please indicate problems or barriers that could appear when transferring the good practice to your region
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The possible barriers could be: the legal framework and market opportunities could be too different between Spain and France.

Policy instrument:	Please detail if there is already in place any policy instrument to implement the good practice in your region
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"Territories with zero long-term unemployed" policy carried on by local public authorities

Existing financing funds:	Please detail any funds that could be used to finance the implementation of the practice in your region during the 2 nd phase in the project
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Energy communities will be able to mobilize citizen savings as well as bank loans. We are also seeking to identify funds to guarantee these loans.

Relevant stakeholders:	Please detail the relevant stakeholders involved and the role they could have in the implementation of the practice
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Auvergne-Rhone-Alpes Energy Agency, Local energy agencies (Drôme and Lyon), Energy communities, Local public authorities

Main beneficiaries:	Please indicate the main target groups that will benefit from the adoption of the good practice
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Vulnerable groups, Energy communities, AURA's Region (achieving green goals), local public authorities

Further information:	Please indicate if you may need further information on the practice. Do you have any query or doubt? Do you need a bilateral meeting to complete the information?
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AURA-EE needs information about:

- Contractual model for ESCO model.
- Know the different possible business models for providing energy services to low-income and vulnerable households
- Legal figures and technical points to develop a channel for the reuse of second-hand photovoltaic panels.

Contact details to obtain further information on the adoption of the good practice

Contact name	Noémie Zambeaux
e-mail	noemie.zambeaux@auvergnerhonealpes-ee.fr
Organization	Auvergne-Rhone-Alpes Energy and Environment Agency (AURA-EE)
Type of organisation	NGO
Website	https://www.auvergnerhonealpes-ee.fr/
Fiche completed on date:	January 2022

6.2 Agenda

POWERITY PROJECT Bilateral Meeting Agenda 4 – 5 November 2021

The Auvergne-Rhone-Alpes Energy Environment Agency
(AURA-EE) receiving from Andalusian Energy Agency (AEA)

Day 1 (04/11/2021):

- 09:00 Welcome opening at the AEA office by the Director of AEA: Mr. Francisco Javier Ramirez.
- 09:20 Travelling to the site visit n° 1 (C/ Antonio Machado, 21280, Arroyomolinos de León, Huelva). **T1**
- 11:00 Presentation of the case of study n° 1: "ALUMBRA" rural energy community and their energy at the school project ([link to the GP](#)) at the MUTI office by Mr. Bosco Varelo.
[The site visit n° 1: Energy community, by MUTI Association.](#)
- 13:00 Travelling to the AEA office (C/ Isaac Newton 6, 41092, Sevilla).
- 14:30 Lunch.
- Bar Paquito (C. Juan Ramón Jiménez, 48, 21280 Arroyomolinos de León, Huelva).* **T2**
- 15:30 End of meeting.
- 20:30 Dinner.
- Casa Roman (Plaza de Los Venerables 1, 41004, Sevilla).* **T3**

Day 2 (05/11/2021):

- 09:30 Coordination meeting at the AEA office by Mr. Joaquin Villar (AEA).
- 10:00 Presentation of the case of study n° 2: ECOOO. An installing solar panels insertion company whose employees are people at risk of exclusion ([link to the GP](#)) at the AEA office by Ms. Laura Feijóo (ECOOO).
- 10:30 Break.
- 11:00 Explication of the case of study n° 3: QUANTICO rental. Financing model for solar self-consumption facilities ([link to the GP](#)) at the AEA office by Ms. Ruth Borrego (AEA).
- 11:30 Travelling to the site visit n° 2 (C/ Mitra, 41016, Torreblanca, Sevilla). **T5**
- 12:00 Presentation of the case of study n° 4: Pilot Action of AEA at the Social Services of Torreblanca office by Ms. Macarena Luque / Ana María Maraver (Social Services), Ms. Concepción Lopez (Torreblanca Ilumina Association) and Mr. Fernando Cordero (Som Energía).
- 14:00 Travelling to the AEA office (C/ Isaac Newton 6, 41092, Sevilla). **T6**
- 14:30 Lunch.
- Abuela Luna Restaurant (C/ Leonardo Da Vinci 12, 41092, Sevilla).* **T7**
- 15:30 End of meeting.



6.3 Attendance sheet



POWERTY PROJECT
Bilateral Meeting Agenda
4 - 5 November 2021

The Auvergne-Rhone-Alpes Energy Environment Agency (AURA-EE) receiving from Andalusian Energy Agency (AEA)

LIST OF ATTENDEES OF THE DAY 4 NOVEMBER 2021 (DAY 1)

Name	Role	Organisation	Signature
Joaquin Villar	Head of Depart.	AEA	
Ruth Borrego	Project Officer	AEA	
Angel Saez	Project Officer	AEA	
Maria Luisa Borra	Project Officer	AEA	
Catherine Premat	Head of Depart.	AURA-EE	
Noemie Zambeaux	Project Manager	AURA-EE	
Bosco Varelo	Stakeholder	MUTI Association	
IBAN LOPEZ	CONCEJAL of County Hall	County Hall Arroyaduro	

M^o José Montero

Voluntario, para
traducción de francés



POWERTY PROJECT
Bilateral Meeting Agenda
4 - 5 November 2021

The Auvergne-Rhone-Alpes Energy Environment Agency (AURA-EE) receiving from Andalusian Energy Agency (AEA)

LIST OF ATTENDEES OF THE DAY 5 NOVEMBER 2021 (DAY 2)

Name	Role	Organisation	Signature
Joaquin Villar	Head of Depart.	AEA	
Ruth Borrego	Project Officer	AEA	
Angel Saez	Project Officer	AEA	
Maria Luisa Borra	Project Officer	AEA	
Catherine Premat	Head of Depart.	AURA-EE	
Noemie Zambeaux	Project Manager	AURA-EE	
Laura Feijóo	Technician	ECOOO	
Concepción López	President	Torreblanca Ilumina Association	
Macarena Luque	Technician	Social Services of Torreblanca	
Fernando Cordero	Technician	Som Energia	

6.4 Contact details to obtain further information on the bilateral meeting

Contact name	Ruth Borrego
e-mail	ruth.borrego.andrade@juntadeandalucia.es
Organisation	Andalusian Energy Agency, AEA (Spain)
Type of Organisation	Regional energy agency
Website	www.agenciadandaluzadelaenergia.es
Fiche completed on date:	11/11/2021