



## **PLANINNG AND ENGAGEMENT ARENAS FOR RENEWABLE ENERGY LANDSCAPES**

### **PEARLS**

**Marie Skłodowska -Curie Actions (MSCA)**

**Research and Innovation Staff Exchange (RISE)**

**H2020-MSCA-RISE-2017 – 778039 - PEARLS**

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0.1	2018-11-22	Draft	Project Coordinator and USE Data Protection Officer	First Complete Draft
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**Abstract:**

This deliverable contains the Ethical requirements for the PEARLS Project. This project will reinforce the population's commitment to secure, clean and efficient energy thanks to the population's relationship with energy and their landscape perception. PEARLS project requires the participation of individuals and local communities (as *Humans*) to study public engagement in spatial planning processes and social innovation issues. Protection of Personal data will be also related to data collected for case study analysis, in fieldwork and interviews concerning spatial planning policy, social impact assessment and energy behaviour. PEARLS project applies Horizon2020 ethical standards and guidelines of Horizon2020 regardless of the country in which the research will be carried out, as there will be some activities in which Third Countries are involved. These activities will include (some) research activities carried out in a Third Country and participants or resources from a Third Country. No materials will be imported to/exported from the EU to a Third Country.

The Ethical requirements describe principles and procedures that the PEARLS partnership will have to comply with during the execution of the project. This will ensure that the project will meet the relevant quality and ethical requirements set by the European Commission (EC). The document has been prepared as part of PEARLS Work Package WP7.

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## I. Introduction

In relation to deliverables D7.1; D7.2; D7.3;D7.4; D7.5, the following is indicated in the Grant Agreement:

### **Description of Deliverables**

This 'ethics requirements' that the project must comply with are included as deliverables in this work package.

#### **D7.1: H-Requirement No.3**

2.3. Templates of the informed consent forms and information sheet must be submitted to the Agency.

#### **D7.2: H - Requirement No. 4**

2.9. Copies of ethics approvals for the research with humans must be obtained kept on file and submitted upon request to the Agency.

#### **D7.3: POPD - Requirement No. 5**

4.1. Copies of opinion or confirmation by the competent Institutional Data Protection Officer and/or authorization or notification by the National Data Protection Authority (which ever applies according to the Data Protection Directive (EC Directive 95/46, currently under revision, and the national law) must be obtained, kept on file and submitted upon request to the Agency.

#### **D7.4: POPD - Requirement No. 6**

4.2. If the position of a Data Protection Officer is established, their opinion/confirmation that all data collection and processing will be carried according to EU and national legislation, should be obtained, kept on file and submitted upon request to the Agency.

#### **D7.5: POPD - Requirement No. 10**

4.6. Templates of the informed consent forms and information sheet must be submitted to the Agency.

## II. PEARLS Ethical protocol

### 1. Relevant Ethical requirements for the PEARLS Project

All research potentially raises ethical issues and the PEARLS project is no exception. For that, the project applies without exception the EU Charter of Fundamental Rights and the European Convention on Human Rights and its Supplementary Protocols. The nature of the research work proposed in the PEARLS project implies that relatively few ethical issues are raised and these can be addressed in a relatively straightforward way. Indeed in the ethical issues table of the PEARLS project (section 4 of Form A, see bellow) the only questions to which the answer is **YES** are related to Research and innovation activities on civil applications carried out under Horizon 2020.

<b>1. HUMAN EMBRYOS/FOETUSES</b>			<b>Page</b>
Does your research involve Human Embryonic Stem Cells (hESCs)?		No	
Does your research involve the use of human embryos?		No	
Does your research involve the use of human foetal tissues / cells?		No	
<b>2. HUMANS</b>			<b>Page</b>
Does your research involve human participants?			
Are they volunteers for social or human sciences research?	Yes		19
Are they persons unable to give informed consent?	Yes		19
Are they vulnerable individuals or groups?		No	
Are they children/minors?		No	
Are the patients?		No	
Are the healthy volunteers for medical studies?		No	
Does your research involve physical interventions on the study participants?		No	
<b>3. HUMAN CELLS/TISSUES</b>			<b>Page</b>
Does your research involve human cells or tissues (other than from Human Embryos/Foetuses, i.e. section1)?		No	
<b>4. PERSONAL DATA</b>			<b>Page</b>
Does your research involve personal data collection and/or processing?		No	
Does your research involve further processing of previously collected personal data (secondary use)?		No	
<b>5. ANIMALS</b>			<b>Page</b>
Does your research involve animals?		No	
<b>6. THIRD COUNTRIES</b>			<b>Page</b>
In case non-EU countries are involved, do the research related activities undertaken in these countries raise potential ethics issues?		No	
Do you plan to use local resources (e.g. animal and/or human tissue samples, genetic material, live animals, human remains, materials of historical value, endangered fauna or flora samples, etc.)?		No	
Do you plan to import any material – including personal data – from non-EU countries into the EU?		No	
Do you plan to export any material – including personal data – from the EU to non-EU countries?		No	
In case your research involves low and/or lower middle income countries, are any benefits-sharing actions planned?		No	
Could the situation in the country put the individuals taking part in the research at risk?		No	
<b>7. ENVIRONMENT &amp; HEALTH AND SAFETY</b>			<b>Page</b>
Does your research involve the use of elements that may cause harm to the environment, to animals or plants?		No	
Does your research deal with endangered fauna and/or flora and/or protected areas?		No	
Does your research involve the use of elements that may cause harm to humans including research staff?		No	
<b>8. DUAL USE</b>			<b>Page</b>
Does your research involve dual-use items in the sense of Regulation 428/2009, or other items for which an authorisation is required?		No	
<b>9. EXCLUSIVE FOCUS ON CIVIL APPLICATIONS</b>			<b>Page</b>
Could your research raise concerns regarding the exclusive focus on civil applications?		No	
<b>10. MISUSE</b>			<b>Page</b>
Does your research have the potential for misuse of research results?		No	
<b>11. OTHER ETHICS ISSUES</b>			<b>Page</b>
Are there any other ethics issues that should be taken into consideration? Please specify		No	

## 2. Ethical protocol

Research and scientific experimentation on the human being constitute a right and a duty of the scientific community. PEARLS research activities should be compliant with the principles of lawfulness, fairness and transparency, purpose limitation, data minimisation, accuracy, storage limitation, integrity and confidentiality (security) and accountability in Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation). The following principles will be used to guide the research activities:

- The use of personal data for the research purposes will be justified in the context of the personal rights
- The security of data will be an ethical imperative, in particular the confidentiality of data and the reliability of data gathering methods
- Empirical studies linked to sensitive areas as confidential security data personal aspects and multiculturalism will be carefully attended.

PEARLS project will do not access to private data, such us names or personal identification numbers. The research will NOT include any human unable to give informed consent. Researchers and other participants will only be able to work with average and aggregated data, which guarantees the reliability of research without access to private data. The project will require the use of interviews, surveys and focus groups, and fieldwork photographs and videos with not-invasive equipment.

The most important ethical issues for PEARLS project are:

1. Respect current European and National regulations in terms of security, data collection, privacy and communication of results
2. Fully and responsibly inform any participant of the purpose of the research and of the ways in which their data and the information they'll provide will be used for the purposes of the study itself
3. Favour a correct and rightful use of the results of the research as well as of knowledge of the techniques and theories applied.

All data collected will be subject to usual rules about data protection with respect to data confidentiality, anonymity and privacy.

PEARLS project will use different methodologies from Social Scientifics such us: interviews, questionnaires, surveys, focus groups, photographs and videos for their later analysis. This project will obtain the relevant authorization to use not publicly-available data and/or will use also data-sets that are publicly available. In the first case obtained authorization will be provided upon request to the European Research Agency.

### 3. Information sheet and consent form

Information sheet and consent form have been created by the Coordinator tailored to each activity or event (interview, focus group, etc.). These sheets and forms will be distributed with permission from each organisation involved. Informed signed consent will be required from all participants. All participants will be asked if they have any queries about the information provided on the participant information sheet and will be invited to talk with (by phone) or email the contact person if necessary.

The Consent Form has been prepared with the following statements:

1. Participation in the PEARLS project is voluntary
2. It is the participant right to withdraw from the interview at any time
3. The data will be collected in a way that the responsible will not impose any of their own bias on the data itself.

Potential participants will be aware of the purpose of the PEARLS project, the vehicles for dissemination of the results and people, organisations and stakeholders involved in the research.

Participants will be also informed that:

1. Any data, video or audio recording portraying or featuring him or her will be treated as confidential by the researchers
2. Any recording and data will be securely stored and used only for the purpose of the present research
3. None of the participants' personal details will be published and or available to the public without their explicit consent.

The information sheet and the consent form are available in Appendix A & D.

Apart of these consent form and information sheet, all research participants will be given a leaflet with detailed information about the PEARLS project, as well as a contact person to whom questions can be addressed, before being asked to sign a consent form.

The flyer is available in Appendix I.

### 4. Non disclosure agreement

Any data collection activity done with end-user organisations will require the signature of a nondisclosure agreement. This will ensure that whatever data is collected from end user organisations— from interviews and observations, to in-house pre-recorded data such as CCTV and customer questionnaires—will be treated as strictly confidential data and will not be released to third parties. The standard non-disclosure agreement is available under Appendix H.



## 5. Data handling procedure

Questionnaires, interviews, surveys, audio/video recordings or fieldwork observations will be subjected to current European regulations on matters of data handling and privacy<sup>3</sup>(Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation)). Legal and data protection requirements will be met in full. All researchers agree to work in accordance with equal opportunity policies and ensure that there is no discrimination on the basis of age, gender, disability or ethnicity. Furthermore, the data is appropriately used for the purposes of the PEARLS project and will not be retained for longer than is necessary.

The research outcomes will always be reported without contravening the right to privacy and data protection, in particular:

1. Anonymity of data will always be guaranteed. The project will not collect nor store personal data (e.g. names, telephone numbers, ID numbers, etc.). The project may collect basic biographical data (e.g. age, sex and position in the organisation). However, this data will be collected and stored as anonymous data—it will not be associated to personal data. Also, for videos, images and audio files, no name of participant will appear on these files.
2. The data will be stored at the facilities of the Project Coordinator - University of Seville, European Social Research Lab.
3. Data will consist of digital or/and paper data. Digital data will be stored on hard disks disconnected from the network stored on secured drawers; and/or on secured servers, with defined protocol that limit access to authorized personnel. Paper data will be stored on secured drawers with limited access to authorized personnel.
4. Data access will be limited to authorised staff only within the spatial and temporal limits established by the data owners and never beyond 2022.
5. Data will not be modified or falsified.
6. Data will be destroyed six months past the termination of the project. Paper data will be physically destroyed. Digital data will be overwritten to ensure that they are effectively scrambled and remain inaccessible.

Any publication of intermediate or final results must comply with the following statements:

1. Everyone who participated in the collection of data will be acknowledged in the acknowledgements section of the publication, either individually or collectively. Co-authorship of publications will be determined and agreed based on standard academic conventions.
2. Sensitive information will only be presented to competent, responsible and scientifically sound audiences;
3. Political and socio-economic concerns must be carefully considered in presenting the results as any opinion expressed could affect or wound feelings public opinion.

## 6. Authorization from national data protection authorities

When needed as part of an empirical study, the partners in charge will submit the data collection plan for scrutiny to the competent National Authority for Data Protection, and copies of requests and consequent authorizations will be attached to the relevant deliverables. This additional data check is expected to apply when collecting data about public crowds in states that require the approval by their national authority.

## 7. Health and safety checklist for researchers involved in the research activities on third countries

PEARLS project will apply Horizon2020 ethical standards and guidelines of Horizon2020 regardless of the country in which the research is carried out: activities in which Third Countries are involved. These activities include (some) research activities carried out in a Third Country and participants or resources from a Third Country. No materials will be imported to/exported from the EU to a Third Country.

As the PEARLS project implies researcher staff mobility within and outside EU countries, risk assessment will be executed. Steering Committee members and local participants will jointly implement risk assessment when researchers are sent abroad. The latter will be informed about appropriate safety measures that must be taken in the host country or region, such as doing fieldwork accompanied by local organisers, carrying phone numbers provided by host organisations, and checking for any warnings issued by their own/national foreign affairs authorities before travelling.

## 8. Ethical and Security checks of deliverables; publications and dissemination materials

Furthermore, the usual considerations regarding research projects apply. All research partners within the consortium agree to comply with all ethical thinking and legislation within respective countries including those reflected in the Charter of Fundamental Rights of the European Union. Moreover, the proposed project will adhere to the guidelines of the national funding agencies. Rather than thinking about research ethics only in the phase of data collection, the consortium undertakes a comprehensive strategy on ethics by considering ethical issues from the very early phase of research planning. Ethical issues are predominantly relevant for WP2 to 5 (case studies, interviews, fieldwork) and WP6 (dissemination). They include the following spheres:

- Awareness of intellectual property and copyright issues (all phases of the project): All partners need to be aware of intellectual property and copyright issues. These issues will be examined thoroughly and resolved by contacting directly the relevant parties before using resources in the project.
- Obtaining permission for doing empirical research (case studies, fieldwork and interviews): All research partners obtain permission to access sites, written/informed consent, debriefing, explaining the right to refuse/omit answers or withdraw, and consent for interview recording.
- Promoting participation by providing comprehensive information (case studies, dissemination): Prospective participants (stakeholders, interviewees, workshop participants) will

be given full information in advance about the research's purpose. They are invited to contribute in a variety of ways, dependent on their willingness to be involved.

- Providing Privacy and Confidentiality (case studies, fieldwork and interviews): All research partners ensure that interview schedules will avoid unnecessarily intrusive questions. Before consent is obtained from respondents and before research begins, all re-searchers agree to inform prospective participants of the following:

- Which individuals and organisations, if any, will be permitted access to personal data, and under what circumstances such access will be grant-ed.

- The purpose for which personal information provided is to be used.

All research envisaged by this proposal is Social Sciences research concerned with adults specifically those who are engaged in renewable energy landscapes and whose participation is voluntary. As such they will all be able to give their informed consent for participation by a relatively sophisticated understanding of the way that research works and what its implications are. Furthermore they will be provided with written documentation explaining the aims and objectives of the research and an opportunity to question about them.

#### 9. Ethical and DPO approval procedures for data collection activities

All the DPO and Ethics procedures for the research tools detailed in this template have required initial approval by the Ethics Committee of the University of Seville -Project Coordinator.

DPO and Ethic procedures have been established as follows:

- Personal Data Questionnaire by the University of Seville (Appendix E)
- Information about Personal Data Protection by the University of Seville (Appendix F)
- Written Guarantee by PEARLS Project Coordinator (Appendix G)
- Confirmation Institutional DPO by the University of Seville to PEARLS (approved letter) (Appendix D)
- Declaration of Ethics approvals for the research with humans by the University of Seville (Appendix B) <https://investigacion.us.es/area-investigacion/comite-etico>

**Appendix A Information Sheet and Consent Form- Humans****INFORMATION SHEET PROVISION FOR PARTICIPANTS RELATED TO RENEWABLE ENERGY LANDSCAPES****Planning and Engagement Arenas for Renewable Energy Landscapes****H2020-MSCA-RISE-2017-778039-PEARLS****What is the Project about?**

Renewable Energy Landscapes are recognised as spaces where the use of renewable power sources transforms people's relationships with energy and their perception of the landscape. Whilst the social benefits of REL are widely acknowledged across Europe, in Southern European countries and Israel there is still insufficient knowledge to garner strong social support.

The PEARLS project is focus on the wealth of renewable energy sources in these countries and on attaining the deeper involvement of citizens with REL. This project transforms the extent and depth of scientific knowledge on how to best implement REL across Europe and extend these landscapes to other Mediterranean territories that form part of the participant countries' networks.

**Who in undertaking the project?**

The PEARLS consortium consists of thirteen academic and non-academic entities in Portugal, Spain, Italy, Greece and Israel, as well as three more bodies from Spain, the United Kingdom and Italy that will provide support as an Advisory Board. All the participating organisations have been selected for their diverse, complementary experience and expertise in planning and public engagement in renewable energy in Southern European countries and Israel. All enjoy high international profiles in the Mediterranean Basin and have a proven ability to 'go the extra mile'.

**Why have I been approached?**

You have been approached because you are in relation with renewable energy landscapes.

**Do I have to take part?**

No. It's completely up to you and your child/children or teenager to decide whether to take part or not.

If you decide to take part, you will be invited to take part in PEARLS project activities organized by the PEARLS Consortium in your country.

**Will my data be confidential?**

The information provides by you is confidential. Neither you will be disadvantaged in any way if you choose not to take part. All material (electronic or paper) collected for this project will be stored securely at the University of Seville – European Social Research Lab and only the researchers will have access to this:

- Audio and visual recordings will be transferred immediately and stored on a secure encrypted device. Audio recordings will be transcribed and then deleted when the work will be finish. Visual recordings will be archived until 31/12/2018 and then deleted.
- Paper copies of anonymised interview transcripts will be stored in a locked cabinet separate from any personal identifying details.
- Any personal identifying details will be deleted when the work will be finish.
- All files (audio, video and text) on the computer will be encrypted and the computer itself password protected. Extracts of visual and text files will be archived until 31/12/2018 and then deleted.
- The typed version of any group discussions or interviews will be made anonymous by removing any identifying information including your name.
- You will be asked for your permission i) if researchers take photographs or video; ii) if we wish to archive the images and include these in reports or presentations. You may request that images of you are deleted.

**What will happen to the results?**

Results will be presented at project events which all participants and local and national policymakers are invited. Results will be presented also as publications in scientific or open journals, books and conferences. And in the project website Other News section.

**Are there any benefits from taking part?**

Whilst there are no direct benefits from taking part, participating in this project gives those involved the opportunity to share their experiences in a safe environment and influence local and national practice and policy concerning renewable energy landscapes. Also, talking about and sharing experiences as other people are doing in other participant countries can potentially be interesting.

**Who has reviewed the project?**

This project has been approved by the University Research Ethics Committee at University of Seville, Spain, and follows European Commission guidance on ethics in research.

**Where can I obtain further information about the Project if I need it?**

If you have any questions about the PEARLS project, please contact the Project Coordinator (or local PEARLS participant): Dr María-José Prados Email: [mjprados@us.es](mailto:mjprados@us.es) Tel: 3495455921  
<https://pearlsproject.org>

**Thank you for taking the time to read this information sheet.**

**CONSENT FORM FOR PARTICIPANTS RELATED TO RENEWABLE ENERGY LANDSCAPES****Planning and Engagement Arenas for Renewable Energy Landscapes****H2020-MSCA-RISE-2017-778039-PEARLS**

We are asking if you would like to take part in a European project to understand how the use of renewable power sources transforms people's relationships with energy and their perception of the landscape. Before you give consent to participate in the study we ask that you read the Information sheet and mark each box below if you agree. If you have any questions or queries before signing the consent form please speak to the person in charge.

Please initial box after each statement:

1. I confirm that I have read the information sheet and fully understand what is expected of me within this study	
2. I confirm that I have had the opportunity to ask any questions and to have them answered	
3. I understand that my participation will be audio recorded and then made into anonymised written transcripts archived securely at Seville University (Spain) until 31/12/2022	
4. I understand that audio recordings will be kept until the Project end. Visual recordings will be securely archived until 31/12/2022	
5. I understand that I am not obliged to take part in this study and can withdraw participation before, during, or up to 2 weeks after an interview, audio or video recording as far as possible up to publication of the final results.	
6. I understand that the information from the interview, audio or video will be pooled with other participants' responses, anonymised and may be published	
7. I consent to anonymised information being used in project activities, such as publications, conferences and project web site.	
8. I understand that any information gives by me will remain strictly confidential and anonymous	

By signing here below I hereby give consent to take part in the PEARLS Project

Name \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_

**Appendix B Declaration of Ethics approvals for the research with humans by the University of Seville**



**Ethics Committee.**

**University of Seville.**

**HEREBY INFORM THAT:**

The Ethics Committee of the Scientific Council of the University of Seville has made a careful review of the H2020-MSCA-RISE-778039-PEARLS Planning and Engagement Arenas for Renewable Energy Landscapes and is satisfied that it conforms to all ethical procedures expected in the Social Sciences.

Due consideration has been given in the project to the confidentiality and anonymity of data, the privacy of informants, the commitment to obtain voluntary informed content from participants and the obedience to the principle of minimising harm and maximising benefit. Procedures for giving feedback to participants and dissemination of results are also in accordance to good practice.

The setting up of a project Ethics Committee (if its need it) acts as a further guarantee these principles will be upheld.

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**Appendix C Data Protection Approval by the US Data Protection Officer****Data Protection.****University of Seville.****I, Margarita Martínez-Pais Loscertales, Data Protection Officer at the University of Seville****HEREBY INFORM THAT:**

Personal data processing for the Planning and Engagement Arenas for Renewable Energy Landscapes H2020 - MSCA - RISE - 2017 - 778039 - PEARLS Project, led by María-José Prados (IP), University Professor at the Department of Human Geography, University of Seville, has been revised and informed by this DPO, and will comply with the following requirements as listed below:

- 1) The IP has been informed of all the necessary requirements in order for personal data to be processed in compliance with what is laid down in the GDPR and has pledged compliance.
- 2) The security measures that will be applied will be appropriate for maintaining data confidentiality, integrity, availability and resilience in accordance with the description submitted to the DPO.
- 3) All the participants who collect and treat personal data are expressly authorised to do so and will be obliged to sign a confidentiality agreement which will be safeguarded at the European Social Science Laboratory at the University of Seville.

All those responsible for the PEARLS project have undertaken to adhere to the indications of the DPO at the University of Seville in order to comply with the GDPR on the organisational and technical measures required for the protection of the fundamental right to data protection. For this, the processing has been analysed and identified with the application of the principles laid down in Art. 5 of the GDPR:

Establishment of the lawful and explicit purpose.

Identification of the legitimising bases.

Minimisation of the use of personal data and of their retention period.

Accuracy of the data that are to be processed.



Acting with transparency and loyalty towards the data subject, for which an informative provision and an informed consent have been prepared.

Application of the following security measures:

The data compiled during the project (audio and video recordings, photographs, transcriptions, signed consent forms) will be stored securely (on external hard disks and/or in encrypted and password-protected virtual clouds) and will only be transferred from one partner to another when necessary, also in compliance with security protocols.

Data that can identify participants will be stored separately from other project data. Secrecy will be requested in group activities and discussions.

Participants will be informed of the formats in which information will be recorded (audio recordings, video recordings, photographs) and that all data are confidential and anonymous.

### Data Protection.

#### University of Seville.

Data will be stored throughout the whole of the PEARLS project implementation plan and will be destroyed six months after its conclusion (31 December, 2022).

Data treatment hereby conforms to what is laid down in the GDPR. Notwithstanding, and should it transpire, any change that may occur in this respect will be communicated.

It is the opinion of this DPO that the processing of personal data has been correctly established and ensures the guarantees and provisions laid down in the GDPR for the protection of the rights and freedoms of natural persons with regard to the processing of their personal data.

Seville 27/11/2018 Margarita Martínez-Pais Loscertales Data Protection Officer at the University of Seville.

Secure verification	EtEcPN9qh9GIN+7MxXx8Wq==   Date   27/11/2018			0^0 81
Signed by	Margarita Martinez-pais Loscertales			
Verification Url	<a href="https://pfirma.us.es/verifirma/code/EtEcPN9qh9G1N+7MxXx8Wg==">https://pfirma.us.es/verifirma/code/EtEcPN9qh9G1N+7MxXx8Wg==</a>	Page	1/2	

## Appendix D Information Sheet and Consent Form- Protection of personal data

**INFORMATION SHEET PROVISION FOR PARTICIPANTS RELATED TO RENEWABLE ENERGY LANDSCAPES****Planning and Engagement Arenas for Renewable Energy Landscapes****H2020-MSCA-RISE-2017-778039-PEARLS****Basic information on Data Protection.**

1. **Organisation responsible for processing (controller):** University of Seville
2. **Purpose of data processing: what do we process your personal data for?**
  - a. Data collection will be in relation to the analysis of case studies, fieldwork and interviews about spatial planning policies, social impact evaluation and behaviour in relation to energy. No confidential data (for example, respondents' political views) will be collected. The study object of the PEARLS Project does not imply the processing of any sensitive issue. Neither will it be necessary to create databases on individuals.
3. **Legitimation: why do we process your personal data?**
  - a. Art. 6.1.a) GDPR The data subject has given consent to the processing of his or her personal data for one or more specific purposes
  - b. Art. 6.1.e) GDPR Processing is necessary for the performance of a task carried out in the public interest or in the exercise of official authority vested in the controller
4. **Rights:** You have the right to access, rectification, deletion and limitation of processing, and to data portability, as well as to other rights, as explained in additional information, below
5. **Additional information:** You can access detailed additional information on Data Protection via the link: (<https://pearlsproject.org/deliverables/>)

**Detailed additional information****Controller: Contact.**

Identity: University of Seville

Address: Calle San Fernando 4, Postcode: 41004, Seville

Telephone no.: 954551000 (outside switchboard)

Tax identification number: Q4118001I

Data Protection Officer (contact data):

Margarita Martínez-Pais Loscertales

[dpd@us.es](mailto:dpd@us.es)

Controller: University of Seville

**Purpose:**

Data collection will be related to the analysis of case studies, fieldwork and interviews on spatial planning policies, social impact evaluation and behaviour in relation to renewable energy landscapes. No confidential data (for example, names, ID numbers or respondents' political views) will be collected. The study object of the PEARLS Project does not imply the processing of any sensitive issue. Neither will it be necessary to create any databases on individuals.

The purpose and planned uses are in relation to project H2020-MSCA-RISE-2017-778039-PEARLS Planning and Engagement Arenas for Renewable Energy Landscapes. The project is underpinned by trans-disciplinary, multi-sectoral and international collaboration between five countries and thirteen organisations that uphold the importance of regional diversity in the transition to a low-carbon economy. The main objective is to strengthen the population's commitment to safe, clean and efficient energy, as actors in spatial planning and social innovation in renewable energy landscapes. For this it will be necessary to work with data, perceptions and evaluations of specific people in relation to renewable energy landscapes and the roles that they play in the so-called Pan-European Energy Challenge

**Deadlines and criteria for data retention**

31/12/2022 (in application of the criteria set out in the Pearls project's Grant Agreement)

**Legitimation for processing your data**

Art. 6.1.a GDPR The data subject has given consent to the processing of his or her personal data for one or more specific purposes

Art. 6.1.e GDPR Processing is necessary for the performance of a task carried out in the public interest or in the exercise of official authority vested in the controller

Spanish organic Law 6/2001 concerning Universities

Statutes of the University of Seville

**Recipients (of disclosures or transfers):** N/A

**International transfers:** N/A

### **Rights of Data Subjects**

You may exercise the following rights in relation to your data:

- **Right to request access to personal data:** Any person has the right to know whether any personal data concerning him or her is being processed by the University of Seville – European Social Research Lab, the purpose of the processing, the origin of the data in question, and whether they have been communicated or are to be communicated to any third party.

- **Right to request their rectification or deletion:** Data subjects have the right to request the rectification of inaccurate data or, should it be the case, to request their deletion when, among other reasons, the data are no longer required for the purposes for which they were collected

- **Right to request limitation of their processing:** In certain circumstances, data subjects will be able to request the limitation of the processing of their data, in which case the data will only be retained for the exercise or defence of complaints.

- **Right to oppose processing:** In certain circumstances and for reasons related to their personal situations, data subjects will be able to oppose the processing of their data, in which case the University of Seville will stop processing the data except for legitimate compelling reasons, or the exercise or defence of any possible complaints.

- **Right to portability:** Data subjects may request the recovery of the personal data that are being processed automatically by the University of Seville in order to transfer the data to some other controller. This right can be exercised when the processing is based on consent or is in a contract, and is being performed by automated means.

- **Right to withdraw given consent.**

- **Right to redress before the lead supervisory authority.**

You can obtain additional information in relation to your rights from the AEPD (Spanish Data Protection Agency

[http://www.agpd.es/portalwebAGPD/CanalDelCiudadano/ejercicio\\_derechos/index-ides-idphp.php](http://www.agpd.es/portalwebAGPD/CanalDelCiudadano/ejercicio_derechos/index-ides-idphp.php)

These rights must be exercised in a written communication submitted to the Processing Controller, University of Seville, and/or the Data Protection Officer ([dpd@us.es](mailto:dpd@us.es)). The written communication can be submitted via the General Registry/Auxiliary Registry or the Electronic Registry of the University of Seville, or alternatively by any of the means envisaged in Art. 16.4 of Law 39/2015 of 1 October on Common Administrative Procedure of the Public Administrations. The written communication must be accompanied by a photocopy of your ID, passport or some other valid document that identifies you as the right holder.

The University of Seville, in its capacity of controller of the data processing, will reply to your request without delay and within one month at the latest.

Should you fail to receive satisfaction in the exercise of your rights, you will be able to present a complaint to the AEPD (<https://sedeagpd.gob.es/sede-electronica-web/vistas/formReclamacionDerechos/reclamacionDerechos.jsf>)

**Origin of data:**

The data subject him or herself or his or her legal representative  
Publicly available sources  
Lists of people belonging to professional groups  
The media  
Public records  
Private entity  
Public Administrations

**Categories of data that are processed:**

Gender, Age, Place of Birth, Marital status data, Family data, Nationality  
Income, Economic Data (wage/salary)  
Photograph/Voice  
Characteristics of accommodation/residence  
Hobbies and lifestyle, Membership of clubs and associations  
Training, qualifications, Professional experience  
Category/level, Worker history  
Income, revenues, investments, assets ONG membership  
Membership of professional colleges or associations

**For Further Information about the Processing of your Personal Data:** Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation).

**Thank you for taking the time to read this information sheet.**

**Planning and Engagement Arenas for Renewable Energy Landscapes****H2020-MSCA-RISE-2017-778039-PEARLS**

I, Mr/Mrs/Ms [ ] with national identity card no. [ ], have duly received the following information in relation to the processing of my personal data:

**Basic information about Data Protection.**

1. **Controller:**  
University of Seville
2. **Purpose of processing:**  
Data collection will be related to the analysis of case studies, field work and interviews about spatial planning policies, social impact evaluation and behaviour towards energy. No confidential data (for example, respondents' political views) will be collected. The study object of the PEARLS Project does not imply the processing of any sensitive issue. Neither will it be necessary to create databases on individuals.
3. **Legitimation:**  
Legal basis for processing (Art. 6 GDPR)  
Art. 6.1.a GDPR The data subject has given consent to the processing of his or her personal data for one or more specific purposes  
Art. 6.1.e GDPR Processing is necessary for the performance of a task carried out in the public interest or in the exercise of official authority vested in the controller
4. **Recipients of disclosures or transfers:**  
Planned data disclosure (if any) / planned transfer to third countries (if any).
5. **Rights:**  
The data subject has the right to access, rectify and delete data and to data portability, as well as to further rights as explained in additional information, below.
6. **Additional information:** Additional detailed information about Data Protection can be accessed via the link (<http://pearlsproject.org/>).

By signing here below I hereby accept all the aforesaid forms of personal data processing.

Signed in Seville, on the ..... day of..... in the year.....

Signature

Appendix E Personal Data Questionnaire University of Seville



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University of Seville

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**Register of Personal Data Processing**

Name of processing:

Date:

**PLEASE NOTE:** All the pages of the form should be completed. Should any not apply, please indicate by writing NOT APPLICABLE in the corresponding text field. Thank you for your kind cooperation.

**Person making declaration of Personal Data Processing**

Surname/s:

Name:

ID no.:

Email address :

Telephone no.:

**Current processing situation**

Organisation:

Faculty, School, Institute or Unit:

Dept./Sect./Str. Unit.:

Postal address:

**Controller**

Do not complete if person who declares the file

Surname/s:

Name:

ID no.:

Email address:

Telephone no.:

**Data Protection Officer**

Surnames: Martínez-Pais Loscertales

Name: Margarita

ID no.: 52261568w

Email address: margapais@us.es

Telephone no.: 955420182

**Description of object of automated processing**

Description:

**Basic Structure and Type of Personal Data included in processing:**

- |  |   |
|--|---|
| <input type="checkbox"/> Specially Protected Data                | <input type="checkbox"/> Academic and Professional Data |
| <input type="checkbox"/> Employment Details Data                 | <input type="checkbox"/> Offences Data                  |
| <input type="checkbox"/> Commercial Information Data             | <input type="checkbox"/> Identifying Data               |
| <input type="checkbox"/> Economic-Financial Data                 | <input type="checkbox"/> Personal Data                  |
| <input type="checkbox"/> Data on Goods and Services Transactions | <input type="checkbox"/> Social Circumstances Data      |

Specify fields included in Identifying Data:

- Name
- Surname/s
- ID no./Tax identification no.
- Date of Birth
- Father's name
- Address
- Telephone no.
- Trade Union Membership
- Income
- Bank Data
- Economic Data (wage/salary)
- Signature/fingerprint
- Electronic Signature
- Photograph/Voice
- Distinguishing marks
- Staff Registry Number
- Healthcare Card
- Health Service no./Mutual Insurance no.
- Data relating to Administrative Offences
- Other (please indicate)

Specify fields included in Personal Data:

- Data regarding Marital Status
- Family Data
- Date of Birth
- Place of Birth
- Age
- Gender
- Nationality
- First language
- Physical and anthropometric features

Specify fields included in Social Circumstances Data:

- Characteristics of accommodation/residence
- Military status
- Property/possessions



- Hobbies and lifestyle
  - Membership of clubs and associations
  - Licences, permits, authorisations
- Specify fields included in Academic and Professional Data:
- Training, qualifications
  - Student history
  - Professional experience
  - Membership of colleges and professional associations

- Specify fields included in Employment Details Data:
- Body/Scale
  - Category/Level
  - Employment positions
  - Non-economic wage/salary data
  - Labour history

- Specify fields included in Economic, Financial and Insurance Data:
- Income, revenues
  - Investments, assets
  - Credits, loans, guarantees
  - Bank data
  - Pension and retirement plans
  - Economic data on wage slip
  - Data regarding tax deductions/taxes
  - Insurance
  - Mortgages
  - Subsidies, benefits
  - Credit history
  - Credit cards

**Detailed description of planned purpose and uses**

Indicate planned purpose and uses

Processing system:

- Automated
- Manual
- Mixed

Data shall be collected for specified, explicit and legitimate purposes and not further processed in a manner that is incompatible with those purposes (Art. 5 GDPR)

**People or collectives from whom it is intended to collect personal data**

(Mark collective or collectives with an X)

Collective name	Centre or Unit
EMPLOYEES	
CITIZENS AND RESIDENTS	
LEGALLY BOUND TAX PAYERS	
SUPPLIERS	
ASSOCIATES OR MEMBERS	
PROPRIETORS OR TENANTS	
STUDENTS	
APPLICANTS	
BENEFICIARIES	
PUBLIC OFFICIALS	
CONTACT PERSONS	

OTHERS COLLECTIVES (Please indicate):

**Origin of personal data and collection procedure**

**Origin of data**

- The data subject him/herself or his/her legal representative
- Persons other than the data subject or his/her representative
- Publicly available sources
- Promotional census
- Telecommunications services directories
- Lists of persons belonging to professional groups
- Official State gazettes and newspapers
- The media
- Public records
- Private bodies
- Public administrations

**Collection procedure**

- Surveys or interviews
- Forms or coupons
- Electronic/Internet data transmission
- Other (please indicate)

**Platform used to obtain data**

- Hard copy
- IT/magnetic copy
- Online
- Other (please indicate)

**Data disclosure or communication**

Data disclosure or communication are understood to be any data disclosure to a person other than the data subject Complete should there be any planned data disclosure or communication

**a) Scenarios in which data disclosure or communications is covered**

Has consent been given by the data subjects?

Are there any regulations authorising data disclosure or communication?

If this is the case, specify the regulatory provision:

Does the processing correspond to the free and legitimate acceptance of a legal relationship, the development of, compliance with and control of which indispensably requires the communication of data to third parties?

Is the object of the communication further processing of the data for historical, statistical or scientific purposes?

Are the data obtained or compiled for another Public Administration?

Are they data collected from publicly accessible sources?

**b) Recipients of disclosure**

Personal/Company tax identification no. Name, Company Name or Organisation

Personal/Company tax identification no.	Name, Company Name or Organisation

**International data transfer**

Only complete this section if data processing is to be, or is planned to be, performed outside the territory of the European Economic Area.

Regulation concerning international transfer can be found in Art. 45ff. of the GDPR. Please indicate the international transfer data method to be used:

**Recipients of data transfer**

Country	Categories of recipient

The following can be indicated in Categories of Recipient: Universities or other education establishments, judicial bodies, health services, non-governmental organisations, financial entities, international organisations, other public agencies of other States.

Planned deadlines for deletion of the various data categories, when possible

General description of the technical and organisational security measures, when possible (Art. 32ff. GDPR)

Lawfulness of processing. Please indicate which of the following sections is the basis for your processing (Art. 6 GDPR):

Processing shall be lawful only if and to the extent that at least one of the following applies:

The data subject has given consent to the processing of his or her personal data for one or more specific purposes

Processing is necessary for the performance of a contract to which the data subject is party or in order to take steps at the request of the data subject prior to entering into a contract

Processing is necessary for compliance with a legal obligation to which the controller is subject

Processing is necessary in order to protect the vital interests of the data subject or of another natural person

Processing is necessary for the performance of a task carried out in the public interest or in the exercise of official authority vested in the controller

Processing is necessary for the purposes of the legitimate interests pursued by the controller or by a third party, except where such interests are overridden by the interests or fundamental rights and freedoms of the data subject which require protection of personal data, in particular where the data subject is a child

Point (f) of the first subparagraph shall not apply to processing carried out by public authorities in the performance of their tasks.

## Appendix F Information about Personal Data Protection University of Seville

**INFORMATION ABOUT PERSONAL DATA PROTECTION (RGPD ARTS. 13 AND 14)****TREATMENT: Planning and Engagement Arenas for Renewable Energy Landscapes  
H2020-MSCA-RISE-2017-778039-PEARLS****BASIC INFORMATION ABOUT DATA PROTECTION**

<b>PERSON IN CHARGE OF TREATMENT</b>	University of Seville
<b>PURPOSE OF TREATMENT</b>	<p>Data collection in relation to analysis of case studies, fieldwork and interviews regarding spatial planning policies, evaluation of social impact and behaviour in relation to energy. Confidential data (e.g., respondents' political views) will not be collected. The PEARLS project's study object does not imply the treatment of any sensitive issue. Likewise, it will not be necessary to create databases about individuals.</p> <p>The purpose and foreseen uses are related to project H2020-MSCA-RISE-2017-778039-PEARLS Planning and Engagement Arenas for Renewable Energy Landscapes. The project is underpinned by trans-disciplinary, multi-sectoral and international collaboration between five countries and thirteen organisations that uphold the importance of regional diversity in the transition to a low-carbon economy. The main objective is to strengthen the population's commitment to safe, clean and efficient energy, as actors in spatial planning and social innovation in renewable energy landscapes. To this end, it will be necessary to work with data, perceptions and evaluations of specific people in relation to renewable energy landscapes and the roles that they play in the so-called Pan-European Energy Challenge</p>
<b>LEGITIMATION</b>	<p>a) Art. 6.1.a) GDPR the data subject has given consent to the processing of his or her personal data for one or more specific purposes</p> <p>b) Art. 6.1.e) GDPR processing is necessary for the performance of a task carried out in the public interest or in the exercise of official authority vested in the controller</p> <p>Organic law 6/2001 concerning Universities (Art. 2) US Statutes (Art. 4)</p>
<b>COLLECTIVE</b>	<p>Employees of renewable energy plants</p> <p>Citizens who reside in the vicinity of renewable energy plants</p> <p>Associates or members of Energy Consumption Cooperatives</p> <p>Conservation Associations</p> <p>Proprietors or tenants of land on which energy plants are installed and neighbouring land</p> <p>Students: Potential beneficiaries of aid for study funded by proprietors of renewable energy plants</p> <p>Public Officials: Mayors of municipalities with renewable energy plants</p> <p>Contact Persons: Persons to whom employment derives, members of cooperatives and public officials</p>
<b>CATEGORY OF DATA</b>	<p>Gender, Age, Place of Birth, Marital status data, Family data, Nationality</p> <p>Income, Economic Data (wage/salary)</p> <p>Photograph/Voice</p> <p>Characteristics of accommodation/residence</p> <p>Hobbies and lifestyle, Membership of clubs and associations</p> <p>Training, qualifications, Professional experience</p> <p>Category/level, Worker history</p> <p>Income, revenues, investments, assets ONG membership</p>

	Membership of professional colleges or associations
<b>RECIPIENTS OF DISCLOSURES OR TRANSFERS</b>	--
<b>DELETION DATE</b>	31/12/2020 (in application of criteria established in the project general agreement)
<b>SECURITY MEASURES</b>	<p>Implemented security measures correspond to what is set out in Appendix 2 (Security Measures) of Royal Decree of 8th January, regulating the National Security Framework in the area of Electronic Administration.</p> <p>Technical and organisational measures will comply with the security level required by the applicable regulations.</p> <p>The information indicated in this form, irrespective of the platform, will be stored in:</p> <ul style="list-style-type: none"> <li>- hard disks separate from the project consortium's virtual communication networks and which will be safeguarded in secure places;</li> <li>- secure servers with high level protocols and access to which is exclusively limited to personnel in possession of due authorisation;</li> <li>- print information will be filed in compliance with the required security measures and with limited access measures;</li> </ul> <p>All this information will be easily identifiable and only accessible by authorised PEARLS project personnel.</p>
<b>RIGHTS OF INTERESTED PARTIES</b>	Access, rectification, cancellation, limitation of treatment, opposition, data portability, withdrawal of consent (when applicable), redress before the lead supervisory authority
<b>SOURCE OF DATA</b>	<p>The data subject him/herself or his/her legal representative</p> <p>Sources available to the public</p> <p>Lists of people belonging to professional groups</p> <p>The media</p> <p>Public records</p> <p>Private bodies</p> <p>Public administrations</p>

**Appendix G Written Guarantee by PEARLS Project Coordinator****TO WHOM IT MAY CONCERN**

Ethics requirements for the Planning and Engagement Arenas for Renewable Energy Landscapes Project H2020 – MSCA – RISE – 2017 – 778039 – PEARLS will comply with the conditions listed below:

- 1) We have been informed of all the requirements necessary for the processing of personal data to be carried out in compliance with what is laid down in the GDPR and pledge compliance with same.
- 2) We have been informed of all the requirements necessary for the processing of Humans data to be carried out in compliance with what is laid down in the EC and pledge compliance with same.
- 3) The security measures that will be applied are appropriate for maintaining data confidentiality, integrity, availability and resilience in accordance with the description submitted to the DPO and EC.
- 4) All participating persons who collect and process personal data are expressly authorised and will have to sign a confidentiality commitment that will be safeguarded at the European Social Science Laboratory.

In accordance with these requirements, the persons responsible for the PEARLS Project undertake to follow the indications of the DPO and EC at the University of Seville concerning the necessary technical and organisational measures for the protection of the fundamental right to data protection. For this the analysis and identification of the processing has been performed with the application of the principles laid down in Art. 5 of the GDPR:

- Establishment of the lawful and explicit purpose.
- Identification of the legitimising bases.
- Minimisation of personal data use and of the retention period.
- Accuracy of data which are to be processed.
- Acting with transparency and loyalty towards the data subject, for which an informative provision and an informed consent form have been prepared.
- Application of the following security measures:

The data compiled during the project (audio and video recordings, photographs, transcriptions, signed consent forms) will be stored securely (on external hard disks or in encrypted and password-protected virtual clouds) and will only be transferred from one partner to another when necessary, also in compliance with security protocols.

Any data that can identify participants will be stored separately from other project data. Secrecy will be requested in group activities and discussions.

Participants will be informed of the formats in which information will be recorded (audio recordings, video recordings, photographs) and that all the data are confidential and anonymous.

The data will be stored throughout the PEARLS Project implementation plan and will be destroyed six months after its conclusion.

For all these reasons human and data processing are in compliance with what is laid down in the GDPR and the EC. In any event, and should it transpire, any change that may occur in this respect will be communicated.

**Dr. María-José Prados**

**Professor in Human Geography**

**Coordinator of the PEARLS Project**

## Appendix H Non-disclosure agreement PEARLS

**NON-DISCLOSURE AGREEMENT****University of Seville**

This Nondisclosure Agreement (the "Agreement") is entered into by and between the University of Seville with its European Social Research Lab ("The Company") and \_\_\_\_\_, located at Avda. Ciudad Jardín 20,22 41005 Sevilla (Spain) ("The Recipient") for the purpose of preventing the unauthorized disclosure of Confidential Information as defined below.

The Parties hereby agree as follows:

1. For purposes of this Agreement, "Confidential Information" shall mean any and all non public information the Company has disclosed or may disclose to the Recipient, including but not limited to, security related information such as security procedures, crisis management plan and procedures, layouts of facilities, CCTV recordings, customer profiles, details of operations, and, other information such as software not yet known to the public, clients or prospective clients, internal communications, events, or meetings, or any other research, development, marketing, transactions, regulatory affairs, discoveries, inventions, methods, processes, articles, materials, algorithms, formulas, specifications, designs, drawings, data, strategies, plans, prospects, know-how and ideas, whether tangible or intangible, and including all copies, analyses and other derivatives thereof.

2. The Recipient agrees:

(i) not to disclose any Confidential Information or any information derived therefrom to any third person; in particular, no name of people, companies, and facilities will appear on any project report;

(i) to keep the Company's Confidential Information confidential and take all the reasonable precautions to protect the confidentiality of such Confidential Information with the same degree of care with which it protects the confidentiality of its own confidential information, but in no event with less than a reasonable degree of care, and

(iii) not to use any Confidential Information for any purpose whatsoever except to advance the legitimate research interests of the PEARLS project.

3. All right, title, and interest in and to the Confidential Information shall remain with Company or its licensors. Nothing in this Agreement is intended to grant any rights to Recipient under any patents, copyrights, trademarks, or trade secrets of Company.

\_\_\_\_\_(Signature)

\_\_\_\_\_(Typed or Printed Name)

\_\_\_\_\_(Date)



Appendix I Flyer with detailed information about the project

About PEARLS, MSCA-RISE-2017-778039

As an active key actor for REL. In the spatial planning and social innovation arena, the PEARLS project will reinforce people's commitment to secure, clean and efficient energy. REL are regarded as spaces where renewable energies change people's relationships with energy and landscape perception. Despite all efforts, resistance to REL lingers on in Europe, while the reasons for strong social acceptance in Mediterranean and South American countries are still unknown.

PEARLS' main goal is to develop applied knowledge through questions as to how to increase public engagement in support of sustainable renewable energy systems through planning processes. The project's results will transform policy-making and strategic initiatives involving people in places where energy resources are relevant and local communities do not benefit from the opportunities that networking offers. By means of secondments, staff exchange and collaborative research, the project will investigate national legal bases; will develop methodologies for social innovation; and will explore tools stemming from the Social Sciences in different European regions. The allocation of MSCA-RISE funds to reinforcing research and staff exchange enables resources, knowledge and experience to be shared between the academic and non-academic sectors.

Why is this project needed?

The PEARLS research and innovation project acquires relevance in the context of a globally dominant policy discourse on transition to a low-carbon economy. The Energy Challenge compels the reinforcement of public engagement in support of renewable energies. This is often formulated in a manner that pays scant attention to the effects that idiosyncratic cultural approaches have upon energy behaviour and public participation, and the ways that they can further contribute to the sustainable implementation of renewable energies.

The overarching objective of this Project is to bring together an international and inter-sector network of organisations to work on a joint research programme that will contribute to the Pan-European Energy Challenge by identifying renewable energy best practices. Project partners will exchange skills and knowledge that prepare the ground for key advances in spatial planning and social innovation, while strengthening collaborative research among different countries and sectors.

The PEARLS Project focuses on principles that can be applied to European strategies on public engagement with renewable energy aimed at preventing climate change and global warming. Despite academia's unyielding support for the development and implementation of renewable energies, public acceptance is often hampered by the Not in My Back Yard viewpoint and their effects on landscape quality. The project faces up to these challenges by developing joint instruments in the fields of spatial planning and social innovation in Southern European countries. These countries are critical examples of a significant availability of natural resources for the generation of renewable energies, where, nevertheless, little attention is paid to public participation during planning processes. In order to reinforce knowledge and expertise, new advancements will be made in approaches such as Please in My Back Yard, Place Attachment, and Territorial Impact Assessment.



Contact

web: <http://pearlproject.org/>  
 e-mail: [eusoelab@us.es](mailto:eusoelab@us.es)  
 Address: European Social Research Lab., Avenida de Ciudad Jardín 20-22 1, 41005 Sevilla-SPAIN

SPAIN

MARÍA-JOSÉ PRADOS. USE (Project Coordinator) [mjprados@us.es](mailto:mjprados@us.es)  
 CARLOS ROJO. CLANER. [carlos.rojo@claner.es](mailto:carlos.rojo@claner.es)  
 MICHELLE GHISLANZONI. TERRITORIA. [mg@territoria.es](mailto:mg@territoria.es)

PORTUGAL

ANA DELICADO. ICSUL. [ana.delicado@ics.ulisboa.pt](mailto:ana.delicado@ics.ulisboa.pt)  
 MARC RECHTER. ENERCOUTIM. [mrechter@enercouthim.eu](mailto:mrechter@enercouthim.eu)  
 ANA RITA ANTUNES. COOPERINICO. [arantunes@cooperinico.org](mailto:arantunes@cooperinico.org)

ITALY

ROSSANO ALBATICI. UNITN. [rossano.albatici@unitn.it](mailto:rossano.albatici@unitn.it)

GREECE

EVA LOUVOGEORGAKI. AUTH. [elouvog@civil.auth.gr](mailto:elouvog@civil.auth.gr)  
 VASILIKI CHARALAMPOPOULOU. GSH. [b.charalampo@geosystems-hellas.gr](mailto:b.charalampo@geosystems-hellas.gr)

AHÍ MANTOUZA. AKKT Engineering. [mantouza@consortis.gr](mailto:mantouza@consortis.gr)

GEORGIOS TSAKOURIS. TSAKOURIS. [info@tsakouris.com](mailto:info@tsakouris.com)

ISRAEL

NAAMA TESCHNER. BGU. [naamate@bgu.ac.il](mailto:naamate@bgu.ac.il)  
 DANIEL MADAR. SP Interface. [danielm@sp-interface.com](mailto:danielm@sp-interface.com)

About MSCA-RISE

MARIE SKŁODOWSKA-CURIE RESEARCH AND INNOVATION STAFF EXCHANGE

MSCA Actions foster innovation, research-business cooperation and include a strong international component. They are based on the principle of mobility and researchers can receive funding on the condition that they move from one country to another to acquire new knowledge and develop their research careers.

MSCA thrive on being open to all domains of research and innovation addressed under the Treaty on the Functioning of the European Union. These are chosen freely by the applicants in a wholly bottom-up way.

PLANNING AND ENGAGEMENT ARENAS FOR RENEWABLE ENERGY LANDSCAPES  
 H2020-MSCA-RISE-2017 – 778039-PEARLS



UNDERSTANDING

regional diversity for further advancements on low carbon economy

REINFORCING

people's commitment to secure, clean and efficient energy as actors in spatial planning and social innovation in Renewable Energy Landscapes (REL), driving the vision and experience of Mediterranean countries to the rest of Europe



Why Renewable Energy Landscapes (REL)?



Renewable Energy Landscapes (REL) are recognised as spaces where the use of renewable power sources transforms people's relationships with energy and their perceptions of the landscape. Whilst the social benefits of REL are widely acknowledged across Europe, in Southern European countries and Israel there is still insufficient knowledge to garner strong social support.

PEARLS will focus on the wealth of renewable energy resources in these countries and on attaining the deeper involvement of citizens with REL. This project will radically transform the extent and depth of scientific knowledge on how to best implement REL across Europe, and extend these landscapes to other Mediterranean territories that form part of the participant countries' networks. It will set a milestone as to how REL are theorised, studied and addressed and provide crucial support to the Pan-European Energy Challenge. PEARLS will achieve all of this by establishing an international, inter-sector and multidisciplinary collaboration network consisting of universities and research centres in close cooperation with non-academic sectors in five countries. PEARLS will also innovate in knowledge-gathering and innovation exchange methods among academics, public officials, policy-makers, planners, businesses and citizens, thus forging a new generation of scholars and technicians.

The project results will provide a unified knowledge base and innovative support for harnessing the ample REL, analytical insights and resources in Southern Europe and Israel for their international impact. Deliverables will be in the shape of working reports, video channels, platforms, websites, toolkits, best practices, training materials, methodological guidelines, seminars, key-actor mapping, indicators, statements, courses, exhibitions, as well as scientific papers and academic journals or books.

Collaborative Work Packages

WP1 PEARLS Interaction Platform

MSCA Actions foster innovation, research-business cooperation and include a strong international component. They are based on the principle of mobility and researchers can receive funding on the condition that they move from one country to another to acquire new knowledge and develop their research careers.

WP2 Sustainable Implementation: Policies and Practices

To facilitate a better understanding of legal frameworks and instruments energy policy, land use planning and landscape practice regulations and daily practice in the implementation of renewable energy landscapes.

WP3 Social Behaviour towards Renewable Energies

The project will delve into people's behaviour towards the Energy Challenge, identify barriers and bring sustainable technologies for renewable energy landscape development closer to people.

WP4 Social Behaviour towards Renewable Energies

To transfer the knowledge on the spatial planning of renewable energy resources and decision-making methods, together with the development of methodologies for enhancing active public participation in sustainable energy planning.

WP5 Social Innovation and Public Engagement

To reinforce the social dimension of renewable energy development by fostering knowledge sharing between businesses and CSOs involved in RE planning and implementation and academic institutions that carry out research on energy-related social issues.

WP6 PEARLS Project Management

In charge of secondment organisation, management and execution, project effectiveness, efficiency and justification, as well as ensuring international multi-sector exchange for all consortium members.

WP7 Ethics Requirements

As there are some activities in which Third Countries are involved, PEARLS will apply Horizon2020 ethical standards and guidelines regardless of the country in which the research is carried out. No materials will be imported into the EU or exported from the EU to a Third Country.

Who is undertaking PEARLS?

The PEARLS consortium consists of thirteen academic and non-academic entities in Portugal, Spain, Italy, Greece and Israel, as well as three more bodies from Spain, the United Kingdom and Italy that will provide support as an Advisory Board. All the participating organisations have been selected for their diverse, complementary experience and expertise in planning and public engagement in renewable energy in Southern European countries and Israel. All enjoy high international profiles in the Mediterranean Basin and have a proven ability to 'go the extra mile'.

Key Facts

Start date: 01/07/2018  
 End date: 30/06/2022  
 Budget: 405.000 €  
 Participants: 5 academic organizations and 7 non-academic \*  
 Advisory Board: 1 academic and 2 non-academic \*

CONSORTIUM PARTNERSHIP



ADVISORY BOARD



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Work Packages Interaction



## IV. PEARLS Consortium

1		<b>USE</b> C/ S Fernando 4, Sevilla 41004 Spain	Contact: María-José Prados
2		<b>CLANER</b> C/ Pierre Laffitte nº6 Edificio CITTIC TECNOLÓGICO DE AN, Málaga 29590 Spain	Contact: Carlos Rojo Jiménez
3		<b>Territoria</b> C/ Cruz Roja nº10 piso 1 pta b Sevilla 41008 Spain	Contact: Michela Ghislanzoni
4		<b>ICSUL</b> Avda Prof Anibal de Bettencourt 9, Lisboa 1600 189, Portugal	Contact: Ana Delicado
5		<b>ENERCOUTIM</b> Centro de Artes e Oficios, Rua Das Tinas 1 esq, Alcoutim 8970 064, Portugal	Contact: Marc Rechtel
6		<b>COOPERNICO</b> Praca Duque de Terceira 24 4 Andar 24 Lisboa 1200 161 Portugal	Contact: Ana Rita Antunes
7		<b>UNITN</b> Via Calepina 14, Trento 38122, Italy	Contact: Rossano Albatici
8		<b>AUTH</b> University Campus Administration Bureau, Thessaloniki 54124 Greece	Contact: Eva Loukogeorgaki
9		<b>GSH</b> Gkonosati 88A, Metamorfofi, Athina 14452 Greece	Contact: Vasiliki Charalampopoulou
10		<b>AKKT</b> Vasileos Georgiou, 15 Thessaloniki 54640 Greece	Contact: Ahí Mantouza
11		<b>TSAKOUMIS</b> Vasileos Georgiou 15, Thessaloniki 54640 Greece	Contact: Georgios Tsakoumis
12		<b>Ben-Gurion University of the Negev</b> P.O.B. 653 Beer-Sheva 8410501 Israel	Contact: Na'ama Teschner
13		<b>SP Interface</b> 8 Nave Matz St, Rehovot 7624416 Israel	Contact: Daniel Madar