Project Approved Form	
1. Project identification	
Project Change nº	1
Date of approval by the Monitoring Committee	2017-05-05
1.0 Code number	EAPA_527/2016
1.1 Acronym	
1.1.1 Acronym	GeoAtlantic
1.1.2 Project email address	
1.2 Programme Priority	
1.2.1 Programme priority	2. Fostering resource efficiency
1.2.2 Programme specific objective	2.1. Fostering renewable energies and energy efficiency
1.2.3 Fields of intervention	Development and promotion of enterprises specialised in providing services contributing to the low carbon economy (1000) , Technology transfer and university-enterprise cooperation (500) , Renewable energy: geothermal (3000) , High efficiency co-generation and district heating (2000) , Environmental measures aimed at reducing and / or avoiding greenhouse gas emissions (2000) , Self-employment (500) , entrepreneurship and business creation (500) , Promoting social entrepreneurship facilitate access to employment (500) , Community-led local development initiatives in urban and rural areas
1.3 Total budget	
1.3.1 ERDF	2,150,602.23€
1.3.2 Partners contribution	716,867.41€
1.3.3 Eligibles costs	2,867,469.64€
1.3.4 Total costs	2,867,469.64€
1.4 Title	**EN:** Boosting local ecosystems for the use of geothermal energy in the communities **ES:** Impulso de ecosistemas locales para el uso de la energía geotérmica en las comunidades **FR:** Stimuler l'environnement local pour le utilisation de l'énergie géothermique dans les territoires **PT:** Estímulo de ecossistemas locais para o uso da energia geotérmica das comunidades
1.5 Project duration	
1.5.1 Start date	2017-09-01
1.5.2 End date	2020-08-31
1.5.3 Project duration in months	36
1.6 Project background	

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1.6.0 Project has started	0
1.6.1 Project based on previous AA projects?	0
1.6.2 If the project is based on previous AA projects, please detail how it builds on from results of such previous projects	**EN:** **ES:** **FR:** **PT:**
1.6.3 Project based on other programmes/policies results?	0
1.6.4 If the project is based on other programmes/policies results, please detail	**EN:** **ES:** **FR:** **PT:**
1.6.5 Have you applied for the same project for another EU funding programmes?	0
1.6.6 If yes, explain which programmes	**EN:** **ES:** **FR:** **PT:**
1.6.7 Have you ever been beneficiaries of the Atlantic Area Programme?	1
1.6.8 If yes, explain which projects	**EN:** Ourense City Council has participated as Lead Partner in ECOINNOVA UPorto has participated as coordinator in NETMAR and MARINE and as partner in PRESPO . CIT has participated as partner in Atlantic Power Cluster , Harvest Atlantic, Marleanet and Arcopol Plus. **ES:** **FR:** **PT:**
1.7 MONITORING COMMITTEE STAGE 2 recommendations if any	**EN:** In connection with the innovative character of the project the most important innovative approach is the combination of elements: the demonstrative projects at each location, based on an analysis of the state of the art. The demos will show new examples of geothermal exploitation with potential for being implemented at a wider scale. The technology transfer will be promoted by means of alliances with the sector. Also the work methodology for energy supply because at each territory the communities will be actively involved, as a way to promote the information and the empowerment of the citizens and agents to access and use this renewable resource. The main outputs will be: mapping of geothermal resources at 3 territories, the setting up of local action groups at each territory linked by means of a transnational network of energy volunteers as well as several workshops and informative seminars aimed to the different actors at local context. Some of the available products will be the portfolio with the technologies with potential to be transferred to energetic companies and online resource centre for promoting geothermal energy for districts and buildings. The main outcomes of the project the demonstration projects in geothermal energy production in different territories will be based

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	on a first analysis supported by transnational experts and adapted to the local resources and features They will be part of a wider strategy for each territorial partner and disseminated. **ES:** **FR:** **PT:**
1.8 MONITORING COMMITTEE STAGE 2 Conditions for approval if any	**EN:** Following the instructions of the Management Authority and since the contribution of each partner for the preparation of the application is not verifiable; the preparation costs have been reduced. The lump sum for preparation costs is now fixed at 16 000 euros. The reduction was applied to each partner except to the Lead Partner, consequently the total budget, the ERDF and co-financing was reduced. The affected tables are: 6.1, 6.3, 6.4 and 6.5. The budget of the Partner Nº 11 European Heat Pump Association was reallocated as Budget spent outside Programme Area on table 6.1. The budget was reallocated accordingly with the new calendar, including a new prevision of the annual budget execution per partner and year on table 6.3. In order to avoid the double funding of services or works linked with the project at the beginning of the project all partners will sign the co-financing letter to declare if it is possible this situation. **ES:** **FR:** **PT:**
1.9 Project documents	
1.9.1 Subsidy contract	
1.9.1.1 Contract date	
1.9.1.2 Contract file	
1.9.2 Partnership agreement	
1.9.2.1 Partnership agreement date	
1.9.2.2 Partnership agreement file	
1.9.3 Project start declaration	
1.9.3.1 Project start declaration date	2017-09-01
1.9.3.2 Project start declaration file	Anx_27969/2017
1.9.4 Proof of Solvability To be provided only by the lead partner (in case of public authority is enough a document justifying the legal status of the entity)	
1.9.4.1 Date	2017-09-22
1.9.4.2 Solvability documents	Anx_20720/2017
1.9.5 Written agreement with Countries outside the Interreg AA eligible area	
1.9.5.1 Document date	
1.9.5.2 Agreement	
2. Project partnership	

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Partner number	Entity	Position	Country	Region	New partner	Suspended
1	Concello de Ourense	1	Spain	Galicia	No	No
2	Fundación Centro Tecnológico de Eficiencia y Sostenibilidad Energética	2	Spain	Galicia	No	No
3	Instituto Tecnológico Y De Energías Renovables	2	Spain	Islas Canarias	No	No
4	Associação de Municipios da Cova da Beira	2	Portugal	Centro	No	No
5	Universidade do Porto	2	Portugal	Norte	No	No
6	Islay Energy Trust	2	United Kingdom	Highlands and Islands	No	No
7	Argyll, Lomond and the Islands Energy	2	United Kingdom	Highlands and Islands	No	No
8	Eden Project	2	United Kingdom	Cornwall and Isles of Scilly	No	No
9	Agence Locale de l'Energie et du Climat	2	France	Aquitaine	No	No
10	Cork Institute of Technology	2	Ireland	Southern and Eastern	No	No
11	European Heat Pump Association	2	Belgium	Bruxelles	No	No
12	Associação das Agências de Energia e Ambiente (Rede Nacional)	3	Portugal	Norte	No	No
13	EDA RENOVÁVEIS, S.A.	2	Portugal	Açores	No	No
14	Secretaria Regional da Energia, Ambiente e Turismo	3	Portugal	Açores	Yes	No
15	Câmara Municipal da Ribeira Grande	3	Portugal	Açores	Yes	No
16	Câmara Municipal da Povoação	3	Portugal	Açores	Yes	No

2.0 Partner number	1
2.1 Position in the partnership	Lead partner

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2.2 Entity	
2.2.1 Organization acronym when applicable	-
2.2.2 Organization name	Concello de Ourense
2.2.3 Organization name in English	Ourense City Council
2.2.4 Department	Servicios generales, Promoción Económica, Sistemas de Información y Cooperación Institucional
2.2.5 Type of organization	Local public organisations
2.2.6 Legal status	Public body
2.2.7 Tax ID	P3205500F
2.2.7.1 VAT recovery	0
2.2.7.2 If YES explain how?	**EN:** **ES:** **FR:** **PT:**
2.2.7.3 VAT statement	Anx_20594/2017
2.2.8 Website	http://www.ourense.gal/
2.2.9 Size of the organization (employees)	715
2.3 Location	
2.3.1 Country	Spain
2.3.2 Sub-Region (NUTS3)	Galicia
2.3.3 City	Ourense
2.3.4 Address	Praza Maior nº1
2.4 Partner profile	
2.4.1 Partner skills	**EN:** The entity is the local government of the municipality of Ourense, the capital of the province of Ourense. Among other it has the competences of sustainable development local policies and urban and community services, as local authority. The municipality has a long experience in thermal resources. **ES:** **FR:** **PT:**
2.4.2 Transnational experience	**EN:** It was lead partner in ECOINNOVA, cofinanced under Atlantic Area 2007-2013. Also it has been partner in 2 cross-border cooperation projects. It has been beneficiary in the URBACT II 2007-2013 “Sustainable Food for Urban Communities. It has project financed under European Funds national programmes. **ES:** **FR:** **PT:**

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2.4.3 Role in the project	**EN:** It will play of LP and territorial partner, testing the methods and innovations for boosting the geothermal energy. With the support of the tech partners, it will be in charge of implementing a demonstration project. It will be the leader in the WP 7 for the local action. **ES:** **FR:** **PT:**
2.4.4 Describe the activities that your organisation is going to implement in the project	**EN:** It will lead and participate in the general tasks for coordination, dissemination and capitalization of the results of the project and in the setting up of dissemination and capitalization tools. In the thematic WPs will participate in the compilation of the information and indicators necessary for the outputs of WP4, following the instructions and with the assistance of the tech partners. It will carry out actions on its territory for the capacity building of the strategic actors in connection with the geothermal resources and to promote the local participation by means of the local action group. By means of WP6 the entity will collaborate with the tech partners to promote alliances with the economic sector in order to consolidate the market of this renewable energy source. It will implement a demonstration project of the use of geothermal resources with the support of the tech partners, which potential to be spread to more districts and communities by the capitalization strategy. **ES:** **FR:** **PT:**
2.5 Contact person	
2.5.1 Name	María Susana Calvo Picos
2.5.2 Email	focupacional.scalvo@ourense.es
2.5.3 Phone	+34988269329
2.5.4 Address	Concello de Ourense, Praza Maior 1.
2.5.5 Post code	32005
2.5.6 City	Ourense
2.5.7 Country	Spain
2.6 Legal representative	
2.6.1 Name	Jesús Vázquez Abad
2.6.2 Email	alcaldia@ourense.gal
2.6.3 Phone	+34988388100
2.6.4 Address	Concello de Ourense, Praza Maior 1.
2.6.5 Post code	32005
2.6.6 City	Ourense
2.6.7 Country	Spain
2.6.8 Date of entering into functions	2015-06-13

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2.6.9 Probative document of the Legal representative	Anx_20595/2017
2.7 Bank account	
2.7.1 IBAN	ES6220805251423041386142
2.7.2 SWIFT	CAGLESMMXXX
2.7.3 Bank	ABANCA Corporación Bancaria S.A.
2.7.4 Bank Account Owner	Concello de Ourense
2.7.5 Bank Account Country	Spain
2.7.6 DTCC Code	
2.7.7 Bank Statement	Anx_20596/2017
2.8 Co-financing declaration	
2.8.1 Document date	2017-09-28
2.8.2 Co-financing declaration	Anx_23312/2017
2.9 State aid declaration	
2.9.1 Date	2017-09-28
2.9.2 State Aid Declaration	Anx_23310/2017
2.0 Partner number	2
2.1 Position in the partnership	Partner
2.2 Entity	
2.2.1 Organization acronym when applicable	EnergyLab
2.2.2 Organization name	Fundación Centro Tecnológico de Eficiencia y Sostenibilidad Energética
2.2.3 Organization name in English	Sustainable Energy Technology Center
2.2.4 Department	Buildings
2.2.5 Type of organization	Research and innovation organisations
2.2.6 Legal status	Not-for-profit private organization
2.2.7 Tax ID	G27719913
2.2.7.1 VAT recovery	0
2.2.7.2 If YES explain how?	**EN:** **ES:** **FR:** **PT:**
2.2.7.3 VAT statement	Anx_27970/2017
2.2.8 Website	www.energylab.es
2.2.9 Size of the organization (employees)	25
2.3 Location	
2.3.1 Country	Spain

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2.3.2 Sub-Region (NUTS3)	Galicia
2.3.3 City	Vigo
2.3.4 Address	R/FONTE DAS ABELLEIRAS, S/N- EDIFICIO CITEXVI. CAMPUS UNIVERSITARIO DE VIGO
2.4 Partner profile	
2.4.1 Partner skills	**EN:** Energy Lab is a non-profit public-private foundation. Its mission involves developing and spreading technologies, products and consumption habits that optimize energy efficiency and sustainability in several sectors such as industrial, tertiary, transport and society in general. **ES:** **FR:** **PT:**
2.4.2 Transnational experience	**EN:** POCTEP_REHABILITA. Role: partner; POCTEP_ENER NATURA. : partner; LIFE_ECORAEE. Role: partner; LIFE_OPERE. Role: partner; SUDOE_ECOAGROAL. Role: leader; SUDOE_GEO-E3P. 2015. Role: partner; SUDOE_GES IN PIME. 2015. Role: partner; SUDOE_TURBOSUDOE. 2016. Role: partner **ES:** **FR:** **PT:**
2.4.3 Role in the project	**EN:** The entity will play the role of technological partner (tech partner) bringing to the project its expertise and advice in developing and spreading technologies, products and consumption habits in connection with geothermal energy. **ES:** **FR:** **PT:**
2.4.4 Describe the activities that your organisation is going to implement in the project	**EN:** It will participate in the general tasks for coordination, dissemination and capitalization of the results of the project. In the thematic WPs will collaborate in the compilation of the information and indicators necessary for the outputs of WP4, following the common methodology of the workgroup. It will bring technical support for the capacity building in connection with the geothermal resources in the territories. It will lead and participate in the WP6 aimed to the technology transfer, to the promotion of alliances with the economic sector in order to consolidate the market of this renewable energy source. It will play the role of tech partner to assist the territorial partners by the implementation of a demonstration project of the use of geothermal resources and in the capitalization strategy. **ES:** **FR:** **PT:**
2.5 Contact person	
2.5.1 Name	Patricia Vázquez Lago
2.5.2 Email	patricia.vazquez@energylab.es

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2.5.3 Phone	+34986120450
2.5.4 Address	R/FONTE DAS ABELLEIRAS, S/N- EDIFICIO CITEXVI. CAMPUS UNIVERSITARIO DE VIGO
2.5.5 Post code	36310
2.5.6 City	Vigo
2.5.7 Country	Spain
2.6 Legal representative	
2.6.1 Name	Manuel Fernández Pellicer
2.6.2 Email	energylab@energylab.es
2.6.3 Phone	+34 986 120 450
2.6.4 Address	R/FONTE DAS ABELLEIRAS, S/N- EDIFICIO CITEXVI. CAMPUS UNIVERSITARIO DE VIGO
2.6.5 Post code	36310
2.6.6 City	Vigo
2.6.7 Country	Spain
2.6.8 Date of entering into functions	2016-03-17
2.6.9 Probative document of the Legal representative	Anx_20602/2017
2.7 Bank account	
2.7.1 IBAN	ES36 2080 5371 2530 4004 7014
2.7.2 SWIFT	CAGLESMMXXX
2.7.3 Bank	ABANCA Corporación Bancaria S.A.
2.7.4 Bank Account Owner	FUNDACION CENTRO TECNOLOXICO DE EFICIENCIA E SOSTENIBILIDADE ENERXETICA
2.7.5 Bank Account Country	Spain
2.7.6 DTCC Code	
2.7.7 Bank Statement	Anx_27971/2017
2.8 Co-financing declaration	
2.8.1 Document date	2017-11-18
2.8.2 Co-financing declaration	Anx_26564/2017
2.9 State aid declaration	
2.9.1 Date	2017-09-18
2.9.2 State Aid Declaration	Anx_20653/2017
2.0 Partner number	3
2.1 Position in the partnership	Partner
2.2 Entity	

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2.2.1 Organization acronym when applicable	ITER
2.2.2 Organization name	Instituto Tecnológico Y De Energías Renovables
2.2.3 Organization name in English	Institute of Technology and Renewable Energy
2.2.4 Department	Environmental Research Division
2.2.5 Type of organization	Public entreprises
2.2.6 Legal status	Public body
2.2.7 Tax ID	A38259115
2.2.7.1 VAT recovery	1
2.2.7.2 If YES explain how?	**EN:** IGIC (Canary Islands Indirect General Tax) recovery through VAT refund claim. **ES:** **FR:** **PT:**
2.2.7.3 VAT statement	Anx_27161/2017
2.2.8 Website	www.iter.es
2.2.9 Size of the organization (employees)	126
2.3 Location	
2.3.1 Country	Spain
2.3.2 Sub-Region (NUTS3)	Islas Canarias
2.3.3 City	Granadilla de Abona, Tenerife
2.3.4 Address	Polígono Industrial de Granadilla, s/n 38600 Granadilla de Abona, Tenerife
2.4 Partner profile	
2.4.1 Partner skills	**EN:** R&D center founded by Tenerife Island Council, included in Tenerife Science and Tech Park. Experience in fostering socioeconomic development and promotion of R&D&i technologies within the fields of Renewables, Environment and ICT.Projects linked to ICT to address challenges such as climate change. **ES:** **FR:** **PT:**
2.4.2 Transnational experience	**EN:** More than 70 Research Projects funded by the European Union, national and international institutions. EU Programmes like: V-VII FP, APAS, JOULE, ALTENER, SAVE, EURO-SOLAR, INTELLIGENT ENERGY, INTERREG. In the field of geothermal research activities in America, Europe and Africa. **ES:** **FR:** **PT:**
2.4.3 Role in the project	**EN:**

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	The entity will play the role of technological partner bringing to the project its expertise and advice in exploring, developing and spreading technologies, products and consumption habits in connection with geothermal energy. **ES:** **FR:** **PT:**
2.4.4 Describe the activities that your organisation is going to implement in the project	**EN:** It will participate in the general tasks for coordination, dissemination and capitalization of the results of the project. In the thematic WPs will collaborate in the compilation of the information and indicators necessary for the outputs of WP4, following the common methodology of the workgroup. It will carry out the analysis of some of the participating territories in which the geothermal energy is still not developed but with potential. It will bring technical support for the capacity building in connection with the geothermal resources in the territories. It will participate in the WP6 aimed to the technology transfer, to the promotion of alliances with the economic sector in order to consolidate the market of this renewable energy source. It will play the role of tech partner to assist the territorial partners by the implementation of a demonstration project of the use of geothermal resources and in the capitalization strategy. **ES:** **FR:** **PT:**
2.5 Contact person	
2.5.1 Name	Nemesio M. Pérez Rodríguez
2.5.2 Email	nperez@iter.es
2.5.3 Phone	+34922747700
2.5.4 Address	Polígono Industrial de Granadilla, s/n
2.5.5 Post code	38600
2.5.6 City	Granadilla de Abona, Tenerife
2.5.7 Country	Spain
2.6 Legal representative	
2.6.1 Name	Manuel Cendagorta-Galarza López
2.6.2 Email	iter@iter.es
2.6.3 Phone	+34922747700
2.6.4 Address	Polígono Industrial de Granadilla, s/n
2.6.5 Post code	38600
2.6.6 City	Granadilla de Abona, Tenerife
2.6.7 Country	Spain
2.6.8 Date of entering into functions	2009-06-04
2.6.9 Probative document of the Legal representative	Anx_20796/2017
2.7 Bank account	

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2.7.1 IBAN	ES3821009169072200044009
2.7.2 SWIFT	CAIXESBBXXX
2.7.3 Bank	CaixaBank
2.7.4 Bank Account Owner	Instituto Tecnológico y de Energías Renovables
2.7.5 Bank Account Country	Spain
2.7.6 DTCC Code	
2.7.7 Bank Statement	Anx_27158/2017
2.8 Co-financing declaration	
2.8.1 Document date	2017-11-14
2.8.2 Co-financing declaration	Anx_26565/2017
2.9 State aid declaration	
2.9.1 Date	2017-09-15
2.9.2 State Aid Declaration	Anx_20652/2017
2.0 Partner number	4
2.1 Position in the partnership	Partner
2.2 Entity	
2.2.1 Organization acronym when applicable	AMCB
2.2.2 Organization name	Associação de Municipios da Cova da Beira
2.2.3 Organization name in English	Municipalities Association of Cova da Beira
2.2.4 Department	Environmental department
2.2.5 Type of organization	Local public organisations
2.2.6 Legal status	Public body
2.2.7 Tax ID	PT 501600396
2.2.7.1 VAT recovery	0
2.2.7.2 If YES explain how?	**EN:** **ES:** **FR:** **PT:**
2.2.7.3 VAT statement	Anx_27986/2017
2.2.8 Website	www.amcb.pt
2.2.9 Size of the organization (employees)	8
2.3 Location	
2.3.1 Country	Portugal
2.3.2 Sub-Region (NUTS3)	Centro
2.3.3 City	Belmonte

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2.3.4 Address	Largo dos Bombeiros Voluntários 6250-088
2.4 Partner profile	
2.4.1 Partner skills	**EN:** The association of municipalities have functions, among others: Environmental Administration; Production of cartography and aerial imagery by drone, Development of regional spatial data infrastructure, collaboration on the creation of Regional Agency for the Energy and Environment. **ES:** **FR:** **PT:**
2.4.2 Transnational experience	**EN:** It is a institution without lucrative ends with experience, human and technical means capable to manage national and international projects, like Interreg IIIC, INTERREG IIIA, POCTEP, Intelligent Energy Europe, Interreg V SUDOE and life. **ES:** **FR:** **PT:**
2.4.3 Role in the project	**EN:** It will play the role of territorial partner, testing the innovations for boosting the geothermal energy. With the support of the tech partners, it will be in charge of implementing a demonstration project in its territory and to carry out local actions to promote the offer of geothermal energy. **ES:** **FR:** **PT:**
2.4.4 Describe the activities that your organisation is going to implement in the project	**EN:** It will participate in the general tasks for coordination, dissemination and capitalization of the results of the project and in the contents of dissemination and capitalization tools. In the thematic WPs will participate in the compilation of the information and indicators necessary for the outputs of WP4, following the instructions and with the assistance of the tech partners. It will carry out actions on its territory for the capacity building of the strategic actors in connection with the geothermal resources and to promote the local participation by means of the local action group. By means of WP6 the entity will collaborate with the tech partners to promote alliances with the economic sector in order to consolidate the market of this renewable energy source. It will implement a demonstration project of the use of geothermal resources with the support of the tech partners, which potential to be spread to more districts and communities by the capitalization strategy. **ES:** **FR:** **PT:**
2.5 Contact person	
2.5.1 Name	Jorge Antunes
2.5.2 Email	jorge.antunes@amcb.pt
2.5.3 Phone	+351275323116

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2.5.4 Address	Largo dos Bombeiros Voluntários
2.5.5 Post code	6250-088
2.5.6 City	Belmonte
2.5.7 Country	Portugal
2.6 Legal representative	
2.6.1 Name	Antonio Pinto Dias Rocha
2.6.2 Email	amcb@amcb.pt
2.6.3 Phone	+351 275 323 116
2.6.4 Address	Largo dos Bombeiros Voluntários
2.6.5 Post code	6250-088
2.6.6 City	Belmonte
2.6.7 Country	Portugal
2.6.8 Date of entering into functions	2017-11-13
2.6.9 Probative document of the Legal representative	Anx_26561/2017
2.7 Bank account	
2.7.1 IBAN	PT50000702100036083000589
2.7.2 SWIFT	BESCPTPL
2.7.3 Bank	Novo Banco
2.7.4 Bank Account Owner	Associaçao Municipios Cova Beira
2.7.5 Bank Account Country	Portugal
2.7.6 DTCC Code	Belmonte
2.7.7 Bank Statement	Anx_27985/2017
2.8 Co-financing declaration	
2.8.1 Document date	2017-11-14
2.8.2 Co-financing declaration	Anx_26563/2017
2.9 State aid declaration	
2.9.1 Date	2017-11-27
2.9.2 State Aid Declaration	Anx_27984/2017
2.0 Partner number	5
2.1 Position in the partnership	Partner
2.2 Entity	
2.2.1 Organization acronym when applicable	UPORTO
2.2.2 Organization name	Universidade do Porto
2.2.3 Organization name in English	University of Porto
2.2.4 Department	Faculty of Engineering|Department of Mechanical Engineering

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2.2.5 Type of organization	Universities and higher education
2.2.6 Legal status	Not-for-profit private organization
2.2.7 Tax ID	PT 501814957
2.2.7.1 VAT recovery	0
2.2.7.2 If YES explain how?	**EN:** **ES:** **FR:** **PT:**
2.2.7.3 VAT statement	Anx_27987/2017
2.2.8 Website	www.fe.up.pt
2.2.9 Size of the organization (employees)	870
2.3 Location	
2.3.1 Country	Portugal
2.3.2 Sub-Region (NUTS3)	Norte
2.3.3 City	Porto
2.3.4 Address	Rua Dr Roberto Frias s/n, 4200-465
2.4 Partner profile	
2.4.1 Partner skills	**EN:** Prestigious Higher Education Institution in Europe. Its Institute Of Science And Innovation In Mechanical And Industrial Engineering is focused on applied Research and Development, Innovation and Technology Transfer activities for the industry, among other field Industrial Energy and Thermal. **ES:** **FR:** **PT:**
2.4.2 Transnational experience	**EN:** In the FP7, FEUP was partner and/or coordinator in a total of 48 projects, including as host institution of two ERC Grants. Under the Horizon 2020 FEUP is already partner in 14 projects funded and is the coordinator of 3 other. Also experience in several transnational and interregional interregs. **ES:** **FR:** **PT:**
2.4.3 Role in the project	**EN:** The entity will play the role of technological partner (tech partner) bringing to the project its expertise and advice in developing and spreading technologies, products and consumption habits in connection with geothermal energy. **ES:** **FR:** **PT:**
2.4.4 Describe the activities that your organisation is going to implement in the project	**EN:** It will participate in the general tasks for coordination, dissemination and capitalization of the results of the project. In the thematic WPs will collaborate

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	in the compilation and methodology design. It will be leader of the WP4, aimed to improvement the knowledge for an energy transition and be an active part in the workgroup. It will bring technical support for the capacity building in connection with the geothermal resources in the territories. It will participate in the WP6 aimed to the technology transfer, to the promotion of alliances with the economic sector in order to consolidate the market of this renewable energy source. It will play the role of tech partner to assist the territorial partners by the implementation of a demonstration project of the use of geothermal resources and in the capitalization strategy. **ES:** **FR:** **PT:**
2.5 Contact person	
2.5.1 Name	Armando Oliveira
2.5.2 Email	acoliv@fe.up.pt
2.5.3 Phone	+351225081768
2.5.4 Address	Rua Dr. Roberto Frias, s/n
2.5.5 Post code	4200-465
2.5.6 City	Porto
2.5.7 Country	Portugal
2.6 Legal representative	
2.6.1 Name	João Bernardo de Sena Esteves Falcão e Cunha
2.6.2 Email	direcao.feup@fe.up.pt
2.6.3 Phone	+351225081400
2.6.4 Address	Rua Dr. Roberto Frias, s/n
2.6.5 Post code	4200-465
2.6.6 City	Porto
2.6.7 Country	Portugal
2.6.8 Date of entering into functions	2014-10-17
2.6.9 Probative document of the Legal representative	Anx_20607/2017
2.7 Bank account	
2.7.1 IBAN	PT50003501960000612573041
2.7.2 SWIFT	CGDIPTPL
2.7.3 Bank	Caixa Geral de Depositos
2.7.4 Bank Account Owner	Conselho de Administraçao da Faculdade de Engenharia da Universidade do Porto
2.7.5 Bank Account Country	Portugal
2.7.6 DTCC Code	Porto
2.7.7 Bank Statement	Anx_20613/2017

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2.8 Co-financing declaration	
2.8.1 Document date	2017-11-14
2.8.2 Co-financing declaration	Anx_26562/2017
2.9 State aid declaration	
2.9.1 Date	2017-09-18
2.9.2 State Aid Declaration	Anx_20616/2017
2.0 Partner number	6
2.1 Position in the partnership	Partner
2.2 Entity	
2.2.1 Organization acronym when applicable	IET
2.2.2 Organization name	Islay Energy Trust
2.2.3 Organization name in English	Islay Energy Trust
2.2.4 Department	-
2.2.5 Type of organization	Civil society and third sector organisations
2.2.6 Legal status	Not-for-profit private organization
2.2.7 Tax ID	961/YZ87990 (HMRC registration number)
2.2.7.1 VAT recovery	1
2.2.7.2 If YES explain how?	**EN:** Islay Energy Trust is VAT registered **ES:** **FR:** **PT:**
2.2.7.3 VAT statement	Anx_27166/2017
2.2.8 Website	www.islayenergytrust.org.uk
2.2.9 Size of the organization (employees)	12
2.3 Location	
2.3.1 Country	United Kingdom
2.3.2 Sub-Region (NUTS3)	Highlands and Islands
2.3.3 City	Bowmore, Isle of Islay
2.3.4 Address	Custom House, Main Street PA43 7JJ Bowmore, Isle of Islay
2.4 Partner profile	
2.4.1 Partner skills	**EN:** Its aims are to develop renewable energy projects for the benefit of the community and reducing the carbon footprint. It has participated in a planned local project for defunct hydro-electric scheme. They surveyed and reported on potential biomass projects as well as a community-owned wind. **ES:** **FR:**

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	PT:
2.4.2 Transnational experience	**EN:** Participation in a LEADER transnational project including Ireland and Denmark regarding community renewable energy projects. It has also worked with international developers in the tidal energy sector. Three of the directors and one staff member have extensive international business experience. **ES:** **FR:** **PT:**
2.4.3 Role in the project	**EN:** It will play the role of territorial partner, testing the innovations for boosting the geothermal energy. With the support of the tech partners and local actors, it will promote a demonstration project in its territory and to carry out local actions to promote the offer of geothermal energy. **ES:** **FR:** **PT:**
2.4.4 Describe the activities that your organisation is going to implement in the project	**EN:** It will participate in the general tasks for coordination, dissemination and capitalization of the results of the project and in the contents of dissemination and capitalization tools. In the thematic WPs will participate in the compilation of the information and indicators necessary for the outputs of WP4, following the instructions and with the assistance of the tech partners. It will carry out actions on its territory for the capacity building of the strategic actors in connection with the geothermal resources and to promote the local participation by means of the local action group. By means of WP6 the entity will collaborate with the tech partners to promote alliances with the economic sector in order to consolidate the market of this renewable energy source. It will promote a demonstration project of the use of geothermal resources with the support of the tech partners, which potential to be spread to more districts and communities by the capitalization strategy. **ES:** **FR:** **PT:**
2.5 Contact person	
2.5.1 Name	George Dean
2.5.2 Email	george.dean@islayenergytrust.org.uk
2.5.3 Phone	+447879433480
2.5.4 Address	Custom House, Main Street
2.5.5 Post code	PA43 7JJ
2.5.6 City	Bowmore, Isle of Islay
2.5.7 Country	United Kingdom
2.6 Legal representative	
2.6.1 Name	Glen Roberts
2.6.2 Email	geunda.young@islayenergytrust.org.uk

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2.6.3 Phone	+441496810873
2.6.4 Address	Custom House, Main Street
2.6.5 Post code	PA43 7JJ
2.6.6 City	Bowmore, Isle of Islay
2.6.7 Country	United Kingdom
2.6.8 Date of entering into functions	2015-11-04
2.6.9 Probative document of the Legal representative	Anx_27164/2017
2.7 Bank account	
2.7.1 IBAN	GB29BOFS80055206001738
2.7.2 SWIFT	BOFSGB21338
2.7.3 Bank	Bank of Scotland
2.7.4 Bank Account Owner	Islay Energy Trust
2.7.5 Bank Account Country	United Kingdom
2.7.6 DTCC Code	
2.7.7 Bank Statement	Anx_27165/2017
2.8 Co-financing declaration	
2.8.1 Document date	2017-12-14
2.8.2 Co-financing declaration	Anx_33399/2017
2.9 State aid declaration	
2.9.1 Date	2017-12-14
2.9.2 State Aid Declaration	Anx_33398/2017
2.0 Partner number	7
2.1 Position in the partnership	Partner
2.2 Entity	
2.2.1 Organization acronym when applicable	ALIENERGY
2.2.2 Organization name	Argyll, Lomond and the Islands Energy
2.2.3 Organization name in English	Argyll, Lomond and the Islands Energy
2.2.4 Department	-
2.2.5 Type of organization	Civil society and third sector organisations
2.2.6 Legal status	Not-for-profit private organization
2.2.7 Tax ID	961/0328908
2.2.7.1 VAT recovery	1
2.2.7.2 If YES explain how?	**EN:** Partial recovery (Pro-rata) **ES:** **FR:**

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	PT:
2.2.7.3 VAT statement	Anx_20614/2017
2.2.8 Website	www.alienergy.org.uk
2.2.9 Size of the organization (employees)	17
2.3 Location	
2.3.1 Country	United Kingdom
2.3.2 Sub-Region (NUTS3)	Highlands and Islands
2.3.3 City	Oban
2.3.4 Address	Lorn House, Albany Street PA37 1SG
2.4 Partner profile	
2.4.1 Partner skills	**EN:** ALIenergy is a facilitator, project manager and programme co-ordinator and we educate, advise and improve access to knowledge and skills so that communities build capacity to participate in renewable energy and energy saving activity. Interface between communities, economy and environment. **ES:** **FR:** **PT:**
2.4.2 Transnational experience	**EN:** REScoop 20-20-20 (Intelligent Energy Europe 2012-15). Use Green Heat project (ESF / ERDF 2010-2012) 18 partners in the renewable heat technologies and promotion and support for renewable heat supply chains. WiseGRID (H2020 2016-) the Steering Group of this 21-partner project. **ES:** **FR:** **PT:**
2.4.3 Role in the project	**EN:** It will play the role of territorial partner, testing the innovations for boosting the geothermal energy. With the support of the tech partners and local actors, it will promote a demonstration project in its territory and to carry out local actions to promote the offer of geothermal energy. **ES:** **FR:** **PT:**
2.4.4 Describe the activities that your organisation is going to implement in the project	**EN:** It will participate in the general tasks for coordination, dissemination and capitalization of the results of the project and in the contents of dissemination and capitalization tools. In the thematic WPs will participate in the compilation of the information and indicators necessary for the outputs of WP4, following the instructions and with the assistance of the tech partners. It will carry out actions on its territory for the capacity building of the strategic actors in connection with the geothermal resources and to promote the local participation by means of the local action group. By means of WP6 the entity will collaborate with the tech partners to promote alliances with the economic sector in order to consolidate the market of this renewable energy source. It

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	will promote a demonstration project of the use of geothermal resources with the support of the tech partners, which potential to be spread to more districts and communities by the capitalization strategy. **ES:** **FR:** **PT:**
2.5 Contact person	
2.5.1 Name	Dr Lynda Mitchell
2.5.2 Email	lynda@alienergy.org.uk
2.5.3 Phone	+441631565183
2.5.4 Address	Lorn House, Albany Street
2.5.5 Post code	PA37 1SG
2.5.6 City	Oban
2.5.7 Country	United Kingdom
2.6 Legal representative	
2.6.1 Name	Ian Macfarlane
2.6.2 Email	ian@macfarlane.one
2.6.3 Phone	+44 1546 603405
2.6.4 Address	Oakbank
2.6.5 Post code	PA30 8EP
2.6.6 City	Ardrishaig
2.6.7 Country	United Kingdom
2.6.8 Date of entering into functions	2014-12-08
2.6.9 Probative document of the Legal representative	Anx_20608/2017
2.7 Bank account	
2.7.1 IBAN	GB55CLYD82661150011377
2.7.2 SWIFT	CLYDGB21611
2.7.3 Bank	Clydesdale Bank
2.7.4 Bank Account Owner	Argyll Lomond & the Islands Energy Agency
2.7.5 Bank Account Country	United Kingdom
2.7.6 DTCC Code	
2.7.7 Bank Statement	Anx_27160/2017
2.8 Co-financing declaration	
2.8.1 Document date	2017-11-14
2.8.2 Co-financing declaration	Anx_26582/2017
2.9 State aid declaration	
2.9.1 Date	2017-09-18

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2.9.2 State Aid Declaration	Anx_20611/2017
2.0 Partner number	8
2.1 Position in the partnership	Partner
2.2 Entity	
2.2.1 Organization acronym when applicable	EP
2.2.2 Organization name	Eden Project
2.2.3 Organization name in English	Eden Project
2.2.4 Department	Policy
2.2.5 Type of organization	Civil society and third sector organisations
2.2.6 Legal status	Not-for-profit private organization
2.2.7 Tax ID	GB 115 1308 61
2.2.7.1 VAT recovery	1
2.2.7.2 If YES explain how?	**EN:** VAt recovery **ES:** **FR:** **PT:**
2.2.7.3 VAT statement	Anx_21151/2017
2.2.8 Website	www.edenproject.com
2.2.9 Size of the organization (employees)	433
2.3 Location	
2.3.1 Country	United Kingdom
2.3.2 Sub-Region (NUTS3)	Cornwall and Isles of Scilly
2.3.3 City	St Blazey
2.3.4 Address	Foundation Building, Bodelva
2.4 Partner profile	
2.4.1 Partner skills	**EN:** The Eden Trust is a science centre and educational charity. The schools' programme hosts over 47,000 school children every year. The FE and HE programme now has 75 students studying degree level courses in Horticulture, Event Management and Performance and Storytelling. 960,000 visitors a year. **ES:** **FR:** **PT:**
2.4.2 Transnational experience	**EN:** EU funded partnership (PLANTS) with Ireland and Greece focusing on the development of new plant-sensing technologies that have the promise to reduce the use or agrochemicals and fertilisers. Also international projects and collaborations with India, Kenya Thailand, South Africa and Seychelles. **ES:**

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	FR: **PT:**
2.4.3 Role in the project	**EN:** It will play the role of territorial partner, testing the innovations for boosting the geothermal energy. With the support of the tech partners and local actors, it will promote a demonstration project in its territory and to carry out local actions to promote the offer of geothermal energy. **ES:** **FR:** **PT:**
2.4.4 Describe the activities that your organisation is going to implement in the project	**EN:** It will participate in the general tasks for coordination, dissemination and capitalization of the results of the project and in the contents of dissemination and capitalization tools. In the thematic WPs will participate in the compilation of the information and indicators necessary for the outputs of WP4, following the instructions and with the assistance of the tech partners. It will carry out actions on its territory for the capacity building of the strategic actors in connection with the geothermal resources and to promote the local participation by means of the local action group. By means of WP6 the entity will collaborate with the tech partners to promote alliances with the economic sector in order to consolidate the market of this renewable energy source. It will promote a demonstration project of the use of geothermal resources with the support of the tech partners, which potential to be spread to more districts and communities by the capitalization strategy. **ES:** **FR:** **PT:**
2.5 Contact person	
2.5.1 Name	Augusta Grand
2.5.2 Email	ggrand@edenproject.com
2.5.3 Phone	+441726811936
2.5.4 Address	Foundation Building, Bodelva
2.5.5 Post code	PL24 2SG
2.5.6 City	St Blazey
2.5.7 Country	United Kingdom
2.6 Legal representative	
2.6.1 Name	Peter John Wroe
2.6.2 Email	pwroe@edenproject.com
2.6.3 Phone	+447769908363
2.6.4 Address	Foundation Building, Bodelva
2.6.5 Post code	PL24 2SG
2.6.6 City	St Blazey
2.6.7 Country	United Kingdom

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2.6.8 Date of entering into functions	2016-12-01
2.6.9 Probative document of the Legal representative	Anx_21153/2017
2.7 Bank account	
2.7.1 IBAN	GB38AIBK23839801262035
2.7.2 SWIFT	AIBKGB2L
2.7.3 Bank	Allied Irish Bank
2.7.4 Bank Account Owner	Eden Project Limited
2.7.5 Bank Account Country	United Kingdom
2.7.6 DTCC Code	
2.7.7 Bank Statement	Anx_27162/2017
2.8 Co-financing declaration	
2.8.1 Document date	2017-11-14
2.8.2 Co-financing declaration	Anx_27163/2017
2.9 State aid declaration	
2.9.1 Date	2017-09-22
2.9.2 State Aid Declaration	Anx_21150/2017
2.0 Partner number	9
2.1 Position in the partnership	Partner
2.2 Entity	
2.2.1 Organization acronym when applicable	ALEC
2.2.2 Organization name	Agence Locale de l'Energie et du Climat
2.2.3 Organization name in English	Locale Energy and Climate Agency
2.2.4 Department	-
2.2.5 Type of organization	Local public organisations
2.2.6 Legal status	Not-for-profit private organization
2.2.7 Tax ID	495 009 441 000 33
2.2.7.1 VAT recovery	0
2.2.7.2 If YES explain how?	**EN:** **ES:** **FR:** **PT:**
2.2.7.3 VAT statement	Anx_20672/2017
2.2.8 Website	www.alec-cub33.fr
2.2.9 Size of the organization (employees)	11
2.3 Location	

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2.3.1 Country	France
2.3.2 Sub-Region (NUTS3)	Aquitaine
2.3.3 City	Bordeaux
2.3.4 Address	30 cours Pasteur
2.4 Partner profile	
2.4.1 Partner skills	**EN:** Assistance to Bordeaux and Gironde territory in energy saving and renewable energy based on its expertise and networks. Decision support and technical help activitites, facilitation and stakeholders relationship, prospective strategies and technical surveillance, awarness and information. **ES:** **FR:** **PT:**
2.4.2 Transnational experience	**EN:** Coordinator of an IEE Project for the creation of 5 local energy agencies in Europe. Partner in 2 Interreg Europe focused on energy efficiency and REN: SERPENTE and VIOLET. Partner of ISudoe Project STOP CO2 focussed on energy efficiency on transport stations buildings in big city centers. **ES:** **FR:** **PT:**
2.4.3 Role in the project	**EN:** It will play the role of territorial partner, testing the innovations for boosting the geothermal energy. With the support of the tech partners and local actors, it will promote a demonstration project in its territory and to carry out local actions to promote the offer of geothermal energy. **ES:** **FR:** **PT:**
2.4.4 Describe the activities that your organisation is going to implement in the project	**EN:** It will participate in the general tasks for coordination, dissemination and capitalization of the results of the project and in the contents of dissemination and capitalization tools. In the thematic WPs will participate in the compilation of the information and indicators necessary for the outputs of WP4, following the instructions and with the assistance of the tech partners. It will carry out actions on its territory for the capacity building of the strategic actors in connection with the geothermal resources and to promote the local participation by means of the local action group. By means of WP6 the entity will collaborate with the tech partners to promote alliances with the economic sector in order to consolidate the market of this renewable energy source. It will promote a demonstration project of the use of geothermal resources with the support of the tech partners, which potential to be spread to more districts and communities by the capitalization strategy. **ES:** **FR:** **PT:**
2.5 Contact person	

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2.5.1 Name	Valérie DEGRANGE
2.5.2 Email	valerie.degrange@alec-cub33.fr
2.5.3 Phone	+33556005338
2.5.4 Address	30 cours Pasteur
2.5.5 Post code	33000
2.5.6 City	Bordeaux
2.5.7 Country	France
2.6 Legal representative	
2.6.1 Name	Clément Rossignol-Puech
2.6.2 Email	fr.menethaure@alec-cub33.fr
2.6.3 Phone	+33 (0)556006027
2.6.4 Address	30 cours Pasteur
2.6.5 Post code	33000
2.6.6 City	Bordeaux
2.6.7 Country	France
2.6.8 Date of entering into functions	2014-07-08
2.6.9 Probative document of the Legal representative	Anx_20670/2017
2.7 Bank account	
2.7.1 IBAN	FR7642559000414102000084280
2.7.2 SWIFT	CCOPFRPPXXX
2.7.3 Bank	Credit Cooperatif
2.7.4 Bank Account Owner	AG Locale Energie et Climat
2.7.5 Bank Account Country	France
2.7.6 DTCC Code	
2.7.7 Bank Statement	Anx_27159/2017
2.8 Co-financing declaration	
2.8.1 Document date	2017-11-14
2.8.2 Co-financing declaration	Anx_26580/2017
2.9 State aid declaration	
2.9.1 Date	2017-09-21
2.9.2 State Aid Declaration	Anx_20671/2017
2.0 Partner number	10
2.1 Position in the partnership	Partner
2.2 Entity	
2.2.1 Organization acronym when applicable	CIT

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2.2.2 Organization name	Cork Institute of Technology
2.2.3 Organization name in English	Cork Institute of Technology
2.2.4 Department	Development Office
2.2.5 Type of organization	Research and innovation organisations
2.2.6 Legal status	Public body
2.2.7 Tax ID	IE4773083G
2.2.7.1 VAT recovery	0
2.2.7.2 If YES explain how?	**EN:** **ES:** **FR:** **PT:**
2.2.7.3 VAT statement	Anx_20705/2017
2.2.8 Website	www.cit.ie
2.2.9 Size of the organization (employees)	1500
2.3 Location	
2.3.1 Country	Ireland
2.3.2 Sub-Region (NUTS3)	Southern and Eastern
2.3.3 City	Cork
2.3.4 Address	Institute of Technology, Bishopstown,k Cork Ireland
2.4 Partner profile	
2.4.1 Partner skills	**EN:** Adopting a multi-disciplinary approach, it focuses the research expertise on the following application areas that include: energy management – building energy management , demand side management, intermitency analysis and control. The Institute also operates its own smart micro-grid. **ES:** **FR:** **PT:**
2.4.2 Transnational experience	**EN:** Involved in a wide range of European programmes involving research and transnational cooperation. Interreg projects in all of the eligible cooperation areas. completion master projects on topics: Voltage Rise Mitigation in a Weak Distribution Network due to the Impact of Distributed Generation. **ES:** **FR:** **PT:**
2.4.3 Role in the project	**EN:** The entity will play the role of technological partner (tech partner) bringing to the project its expertise and advice geothermal energy. **ES:** **FR:** **PT:**

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2.4.4 Describe the activities that your organisation is going to implement in the project	**EN:** It will participate in the general tasks for coordination, dissemination and capitalization of the results of the project. In the thematic WPs will collaborate in the compilation and methodology design. It will be leader of the WP5, aimed to developing skills in strategic actors. It will bring technical support for the capacity building in connection with the geothermal resources in the territories. It will participate in the WP6 aimed to the technology transfer, to the promotion of alliances with the economic sector in order to consolidate the market of this renewable energy source. It will play the role of tech partner to assist the territorial partners by the implementation of a demonstration project of the use of geothermal resources and in the capitalization strategy. **ES:** **FR:** **PT:**
2.5 Contact person	
2.5.1 Name	Sreto Boljevic
2.5.2 Email	sreto.boljevic@cit.ie
2.5.3 Phone	+353214335469
2.5.4 Address	Cork Institute of Technology, Bishopstown,k Cork Ireland
2.5.5 Post code	T12 P928
2.5.6 City	Cork
2.5.7 Country	Ireland
2.6 Legal representative	
2.6.1 Name	Orla Flynn
2.6.2 Email	Orla.Flynn@cit.ie
2.6.3 Phone	+353 021 4335305
2.6.4 Address	Rossae Avenue Bishopstawn
2.6.5 Post code	T12 P928
2.6.6 City	Cork
2.6.7 Country	Ireland
2.6.8 Date of entering into functions	2014-06-12
2.6.9 Probative document of the Legal representative	Anx_20700/2017
2.7 Bank account	
2.7.1 IBAN	IE61BOFI90357685002434
2.7.2 SWIFT	BOFIIE2D
2.7.3 Bank	Bank of Ireland
2.7.4 Bank Account Owner	Cork Institute of Technology
2.7.5 Bank Account Country	Ireland
2.7.6 DTCC Code	

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2.7.7 Bank Statement	Anx_28009/2017
2.8 Co-financing declaration	
2.8.1 Document date	2017-11-14
2.8.2 Co-financing declaration	Anx_26581/2017
2.9 State aid declaration	
2.9.1 Date	2017-09-15
2.9.2 State Aid Declaration	Anx_22422/2017
2.0 Partner number	11
2.1 Position in the partnership	Partner
2.2 Entity	
2.2.1 Organization acronym when applicable	EHPA
2.2.2 Organization name	European Heat Pump Association
2.2.3 Organization name in English	European Heat Pump Association
2.2.4 Department	-
2.2.5 Type of organization	Business networks and associations
2.2.6 Legal status	Not-for-profit private organization
2.2.7 Tax ID	BE0599823551
2.2.7.1 VAT recovery	1
2.2.7.2 If YES explain how?	**EN:** The entity submits a VAT declaration for the calculation of the amount to recover. **ES:** **FR:** **PT:**
2.2.7.3 VAT statement	Anx_20708/2017
2.2.8 Website	www.ehpa.org
2.2.9 Size of the organization (employees)	7
2.3 Location	
2.3.1 Country	Belgium
2.3.2 Sub-Region (NUTS3)	Bruxelles
2.3.3 City	Bruxelles
2.3.4 Address	Rue d’Arlon 63-67
2.4 Partner profile	
2.4.1 Partner skills	**EN:** Long experience in energy efficiency, renewable energy and heating and cooling, proper deployment of heat pump technology in the European market.

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	It monitors current EU and National legislation developments and provides technology related knowledge to actors in the policy-making process. **ES:** **FR:** **PT:**
2.4.2 Transnational experience	**EN:** The association has currently 109 members from 22 countries that represent all stages of the HP value chain. EHPA has a proven track record of dissemination and exploitation of EU project results (Heat Road Map Europe, Dryficiency, Repowermap, Green HP etc). **ES:** **FR:** **PT:**
2.4.3 Role in the project	**EN:** The entity will play the role of expert in this kind of technology. The use of our vast network of members and contacts will provide a good basis to cover the information requirements and to integrate the most important stakeholders into the project. **ES:** **FR:** **PT:**
2.4.4 Describe the activities that your organisation is going to implement in the project	**EN:** It will participate in the general tasks for coordination, dissemination and capitalization of the results of the project. In the thematic WPs will collaborate as expert . It will play the role of multiplier and for the promotion of the tested best practices. By means of the action 3.4 it will be carried out an active dissemination At European level including the attend at events: European Geothermal Congress, GeoTHERM Expo& Congress or GeoPower & Heat Summit. **ES:** **FR:** **PT:**
2.5 Contact person	
2.5.1 Name	Vincenzo Belletti
2.5.2 Email	vincenzo.belletti@ehpa.org
2.5.3 Phone	+3224001017
2.5.4 Address	Rue d’Arlon 63-67
2.5.5 Post code	1040
2.5.6 City	Bruxelles
2.5.7 Country	Belgium
2.6 Legal representative	
2.6.1 Name	Thomas Nowak
2.6.2 Email	Thomas.nowak@ehpa.org
2.6.3 Phone	+32 24001017
2.6.4 Address	Rue d’Arlon 63

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2.6.5 Post code	1040
2.6.6 City	Bruxelles
2.6.7 Country	Belgium
2.6.8 Date of entering into functions	2015-03-02
2.6.9 Probative document of the Legal representative	Anx_20702/2017
2.7 Bank account	
2.7.1 IBAN	BE82363147976368
2.7.2 SWIFT	BBRUBEBB010
2.7.3 Bank	ING Belgique S.A.
2.7.4 Bank Account Owner	European Heat Pump Association AISBL
2.7.5 Bank Account Country	Belgium
2.7.6 DTCC Code	
2.7.7 Bank Statement	Anx_20704/2017
2.8 Co-financing declaration	
2.8.1 Document date	2017-11-20
2.8.2 Co-financing declaration	Anx_26584/2017
2.9 State aid declaration	
2.9.1 Date	2017-09-20
2.9.2 State Aid Declaration	Anx_20707/2017
2.0 Partner number	12
2.1 Position in the partnership	Associated partner
2.2 Entity	
2.2.1 Organization acronym when applicable	RNAE
2.2.2 Organization name	Associação das Agências de Energia e Ambiente (Rede Nacional)
2.2.3 Organization name in English	National Energy and Environment Agencies' Network
2.2.4 Department	-
2.2.5 Type of organization	Public-private organisations
2.2.6 Legal status	Not-for-profit private organization
2.2.7 Tax ID	PT509206379
2.2.7.1 VAT recovery	0
2.2.7.2 If YES explain how?	**EN:** **ES:** **FR:** **PT:**
2.2.7.3 VAT statement	

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2.2.8 Website	www.rnae.pt
2.2.9 Size of the organization (employees)	1
2.3 Location	
2.3.1 Country	Portugal
2.3.2 Sub-Region (NUTS3)	Norte
2.3.3 City	Vila Nova de Gaia
2.3.4 Address	Avenida Manuel Violas, 476, Sala 23, São Félix da Marinha
2.4 Partner profile	
2.4.1 Partner skills	**EN:** RNAE was established in 2010 to promote the participation of various Energy Agencies and coordination with entities related to energy and environmental policies, increased participation in actions at local, national and European level, aiming to the efficiency and renewable Energy. **ES:** **FR:** **PT:**
2.4.2 Transnational experience	**EN:** RNAE was established only in 2010 and hadn´t be involved yet in transnational projects. **ES:** **FR:** **PT:**
2.4.3 Role in the project	**EN:** Associate - observer- multiplier **ES:** **FR:** **PT:**
2.4.4 Describe the activities that your organisation is going to implement in the project	**EN:** The entity will be observer and associated to the project. It will collaborate in the dissemination and capitalization of the best practices and technologies tested in the project. **ES:** **FR:** **PT:**
2.5 Contact person	
2.5.1 Name	Nuno Ferreira
2.5.2 Email	nuno.ferreira@rnae.pt
2.5.3 Phone	+351926171751
2.5.4 Address	Avenida Manuel Violas, 476, Sala 23, São Félix da Marinha
2.5.5 Post code	4410-137
2.5.6 City	Vila Nova de Gaia
2.5.7 Country	Portugal

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2.6 Legal representative	
2.6.1 Name	Joaquim José Borges Gouveia
2.6.2 Email	geral@rnae.pt
2.6.3 Phone	+351 223 747 250
2.6.4 Address	Avenida Manuel Violas, 476, Sala 23, São Félix da Marinha
2.6.5 Post code	4410-137
2.6.6 City	Vila Nova de Gaia
2.6.7 Country	Portugal
2.6.8 Date of entering into functions	
2.6.9 Probative document of the Legal representative	
2.7 Bank account	
2.7.1 IBAN	
2.7.2 SWIFT	
2.7.3 Bank	
2.7.4 Bank Account Owner	
2.7.5 Bank Account Country	
2.7.6 DTCC Code	
2.7.7 Bank Statement	
2.8 Co-financing declaration	
2.8.1 Document date	
2.8.2 Co-financing declaration	
2.9 State aid declaration	
2.9.1 Date	
2.9.2 State Aid Declaration	
2.0 Partner number	13
2.1 Position in the partnership	Partner
2.2 Entity	
2.2.1 Organization acronym when applicable	EDA RENOVÁVEIS
2.2.2 Organization name	EDA RENOVÁVEIS, S.A.
2.2.3 Organization name in English	EDA - Renewable Energies
2.2.4 Department	Department of Geothermal Resources
2.2.5 Type of organization	Large enterprises
2.2.6 Legal status	Profit-making private organization
2.2.7 Tax ID	PT512026840
2.2.7.1 VAT recovery	1

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2.2.7.2 If YES explain how?	**EN:** VAT recovery **ES:** **FR:** **PT:**
2.2.7.3 VAT statement	Anx_23309/2017
2.2.8 Website	http://www.edarenovaveis.eda.pt/
2.2.9 Size of the organization (employees)	47
2.3 Location	
2.3.1 Country	Portugal
2.3.2 Sub-Region (NUTS3)	Açores
2.3.3 City	Ponta Delgada
2.3.4 Address	Rua Francisco Pereira Ataíde, 1. 9504-535 Ponta Delgada
2.4 Partner profile	
2.4.1 Partner skills	**EN:** EDA Renováveis is the only Azorean company that focuses on the use and exploitation of renewable resources, including geothermal resources, for electricity production or other purposes. **ES:** **FR:** **PT:**
2.4.2 Transnational experience	**EN:** Transnational projects (EEA Grants Program): a project for the construction of a pilot Geothermal Power Plant on the Island of Terceira; training actions on geothermal energy were taught by the United Nations University, Iceland, under the Geothermal Training Program. **ES:** **FR:** **PT:**
2.4.3 Role in the project	**EN:** It will play the role of territorial partner, testing the innovations for boosting the geothermal energy. With the support of the tech partners and local actors, it will promote a demonstration project in its territory and to carry out local actions to promote the offer of geothermal energy. **ES:** **FR:** **PT:**
2.4.4 Describe the activities that your organisation is going to implement in the project	**EN:** It will participate in the general tasks for coordination, dissemination and capitalization of the results of the project and in the contents of dissemination and capitalization tools. In the thematic WPs will participate in the compilation of the information and indicators necessary for the outputs of WP4, following the instructions and with the assistance of the tech partners. It will carry out actions on its territory for the capacity building of the strategic actors in connection with the geothermal resources and to promote the local

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	participation by means of the local action group. By means of WP6 the entity will collaborate with the tech partners to promote alliances with the economic sector in order to consolidate the market of this renewable energy source. It will promote a demonstration project of the use of geothermal resources with the support of the tech partners, which potential to be spread to more districts and communities by the capitalization strategy. **ES:** **FR:** **PT:**
2.5 Contact person	
2.5.1 Name	Carlos Alberto Bicudo da Ponte
2.5.2 Email	cabponte@eda.pt
2.5.3 Phone	+351296202374
2.5.4 Address	Rua Francisco Pereira Ataíde, 1
2.5.5 Post code	9504-535
2.5.6 City	Ponta Delgada
2.5.7 Country	Portugal
2.6 Legal representative	
2.6.1 Name	Carlos Alberto Bicudo da Ponte
2.6.2 Email	cabponte@eda.pt
2.6.3 Phone	+351296202374
2.6.4 Address	Rua Francisco Pereira Ataíde, 1
2.6.5 Post code	9504-535
2.6.6 City	Ponta Delgada
2.6.7 Country	Portugal
2.6.8 Date of entering into functions	2009-03-25
2.6.9 Probative document of the Legal representative	Anx_20709/2017
2.7 Bank account	
2.7.1 IBAN	PT500010000003286650000196
2.7.2 SWIFT	BBPIPTPL
2.7.3 Bank	BPI
2.7.4 Bank Account Owner	EDA-Electricidade dos Açores S.A.
2.7.5 Bank Account Country	Portugal
2.7.6 DTCC Code	Ponta Delgada
2.7.7 Bank Statement	Anx_20701/2017|Anx_28010/2017
2.8 Co-financing declaration	
2.8.1 Document date	2017-11-14
2.8.2 Co-financing declaration	Anx_26583/2017

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2.9 State aid declaration	
2.9.1 Date	2017-10-06
2.9.2 State Aid Declaration	Anx_23313/2017
2.0 Partner number	14
2.1 Position in the partnership	Associated partner
2.2 Entity	
2.2.1 Organization acronym when applicable	DREn
2.2.2 Organization name	Secretaria Regional da Energia, Ambiente e Turismo
2.2.3 Organization name in English	Regional Secretary of Energy, Environment and Tourism
2.2.4 Department	Direção Regional da Energia da Região Autónoma dos Açores
2.2.5 Type of organization	Regional public organisations
2.2.6 Legal status	Public body
2.2.7 Tax ID	600 085 740
2.2.7.1 VAT recovery	0
2.2.7.2 If YES explain how?	**EN:** **ES:** **FR:** **PT:**
2.2.7.3 VAT statement	
2.2.8 Website	http://www.azores.gov.pt/Portal/pt/entidades/sreat-dre/
2.2.9 Size of the organization (employees)	32
2.3 Location	
2.3.1 Country	Portugal
2.3.2 Sub-Region (NUTS3)	Açores
2.3.3 City	Ponta Delgada
2.3.4 Address	Rua Eng. Deodato Magalhães, 6
2.4 Partner profile	
2.4.1 Partner skills	**EN:** A Direção Regional da Energia é o serviço executivo da Secretaria Regional da Energia, Ambiente e Turismo, sendo responsável pela execução da política energética na Região Autónoma dos Açores com atuação na vertente do desenvolvimento económico, coesão económica e social e da proteção do ambiente. **ES:** **FR:** **PT:**
2.4.2 Transnational experience	**EN:** A DREn tem experiência transnacional, tendo já participado em projetos no âmbito do Programa EEA Grants nomeadamente na monitorização do projeto

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	("GAIa Programme – Geothermal Azores Iceland Programme"). Recentemente a DREn candidatou ao INTERREG Europa com o projeto "RESOR". **ES:** **FR:** **PT:**
2.4.3 Role in the project	**EN:** Associate - observer- multiplier **ES:** **FR:** **PT:**
2.4.4 Describe the activities that your organisation is going to implement in the project	**EN:** The entity will be observer and associated to the project. It will be one of the target of best practices and technologies tested in the project in order to integrate them into the regional energy policy. **ES:** **FR:** **PT:**
2.5 Contact person	
2.5.1 Name	Andreia M. Carreiro
2.5.2 Email	andreia.m.carreiro@azores.gov.pt
2.5.3 Phone	+351296304360
2.5.4 Address	Rua Eng. Deodato Magalhães, 6.
2.5.5 Post code	9500-786
2.5.6 City	Ponta Delgada
2.5.7 Country	Portugal
2.6 Legal representative	
2.6.1 Name	Andreia M. Carreiro
2.6.2 Email	andreia.m.carreiro@azores.gov.pt
2.6.3 Phone	+351296304360
2.6.4 Address	Rua Eng. Deodato Magalhães, 6.
2.6.5 Post code	9500-786
2.6.6 City	Ponta Delgada
2.6.7 Country	Portugal
2.6.8 Date of entering into functions	
2.6.9 Probative document of the Legal representative	
2.7 Bank account	
2.7.1 IBAN	
2.7.2 SWIFT	
2.7.3 Bank	
2.7.4 Bank Account Owner	

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2.7.5 Bank Account Country	
2.7.6 DTCC Code	
2.7.7 Bank Statement	
2.8 Co-financing declaration	
2.8.1 Document date	
2.8.2 Co-financing declaration	
2.9 State aid declaration	
2.9.1 Date	
2.9.2 State Aid Declaration	
2.0 Partner number	15
2.1 Position in the partnership	Associated partner
2.2 Entity	
2.2.1 Organization acronym when applicable	CMRG
2.2.2 Organization name	Câmara Municipal da Ribeira Grande
2.2.3 Organization name in English	Municipal Government of Ribeira Grande
2.2.4 Department	GAAL – Gabinete de Apoio às Associações Locais
2.2.5 Type of organization	Local public organisations
2.2.6 Legal status	Public body
2.2.7 Tax ID	512 013 241
2.2.7.1 VAT recovery	0
2.2.7.2 If YES explain how?	**EN:** **ES:** **FR:** **PT:**
2.2.7.3 VAT statement	
2.2.8 Website	http://www.cm-ribeiragrande.pt/
2.2.9 Size of the organization (employees)	483
2.3 Location	
2.3.1 Country	Portugal
2.3.2 Sub-Region (NUTS3)	Açores
2.3.3 City	Ribeira Grande
2.3.4 Address	Largo Conselheiro Hintze Ribeiro 9600-509 Ribeira Grande
2.4 Partner profile	
2.4.1 Partner skills	**EN:** The local authority has the competencies linked to the promotion and protection of the general interest of the citizens. The competencies are those

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	that law defines for the local authorities, among others: advice, planification, investment, control. **ES:** **FR:** **PT:**
2.4.2 Transnational experience	**EN:** The entity has participated in Interreg IIIB in topics like training, tourism, heritage, environment, risks management, economic development, and SMEs support: FORMAT, INOVATUR, PRISNAT, PERMUTAS, INOVATUR II, PYMETIC. **ES:** **FR:** **PT:**
2.4.3 Role in the project	**EN:** Associate - observer- multiplier **ES:** **FR:** **PT:**
2.4.4 Describe the activities that your organisation is going to implement in the project	**EN:** The entity will be observer and associated to the project. It will be one of the target of best practices and technologies tested in the project in order to integrate them into the local energy policy and planing. **ES:** **FR:** **PT:**
2.5 Contact person	
2.5.1 Name	Miguel Andrade
2.5.2 Email	miguelandrade@cm-ribeiragrande.pt
2.5.3 Phone	+351296470730
2.5.4 Address	Largo Conselheiro Hintze Ribeiro
2.5.5 Post code	9600-509
2.5.6 City	Ribeira Grande
2.5.7 Country	Portugal
2.6 Legal representative	
2.6.1 Name	Alexandre Branco Gaudêncio
2.6.2 Email	alexandregaudencio@cm-ribeiragrande.pt
2.6.3 Phone	+ 351296470730
2.6.4 Address	Largo Conselheiro Hintze Ribeiro
2.6.5 Post code	9600-509
2.6.6 City	Ribeira Grande
2.6.7 Country	Portugal
2.6.8 Date of entering into functions	

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2.6.9 Probative document of the Legal representative	
2.7 Bank account	
2.7.1 IBAN	
2.7.2 SWIFT	
2.7.3 Bank	
2.7.4 Bank Account Owner	
2.7.5 Bank Account Country	
2.7.6 DTCC Code	
2.7.7 Bank Statement	
2.8 Co-financing declaration	
2.8.1 Document date	
2.8.2 Co-financing declaration	
2.9 State aid declaration	
2.9.1 Date	
2.9.2 State Aid Declaration	
2.0 Partner number	16
2.1 Position in the partnership	Associated partner
2.2 Entity	
2.2.1 Organization acronym when applicable	CMP
2.2.2 Organization name	Câmara Municipal da Povoação
2.2.3 Organization name in English	Municipal Government of Povoação
2.2.4 Department	Divisão de Obras Públicas e Particulares
2.2.5 Type of organization	Local public organisations
2.2.6 Legal status	Public body
2.2.7 Tax ID	512 065 047
2.2.7.1 VAT recovery	0
2.2.7.2 If YES explain how?	**EN:** **ES:** **FR:** **PT:**
2.2.7.3 VAT statement	
2.2.8 Website	http://www.cm-povoacao.pt/pvc/
2.2.9 Size of the organization (employees)	96
2.3 Location	
2.3.1 Country	Portugal

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2.3.2 Sub-Region (NUTS3)	Açores
2.3.3 City	Povoação
2.3.4 Address	Praça do Município 2
2.4 Partner profile	
2.4.1 Partner skills	**EN:** The local authority has the competencies linked to the promotion and protection of the general interest of the citizens. The competencies are those that law defines for the local authorities, among others: advice, planification, investment, control. **ES:** **FR:** **PT:**
2.4.2 Transnational experience	**EN:** The entity has participated in several Interreg projects, with a wide experience in transnational cooperation. **ES:** **FR:** **PT:**
2.4.3 Role in the project	**EN:** Associate - observer- multiplier **ES:** **FR:** **PT:**
2.4.4 Describe the activities that your organisation is going to implement in the project	**EN:** The entity will be observer and associated to the project. It will be one of the target of best practices and technologies tested in the project in order to integrate them into the local energy policy and planing. **ES:** **FR:** **PT:**
2.5 Contact person	
2.5.1 Name	Pedro Nuno Melo
2.5.2 Email	pedronunomelo@outlook.com
2.5.3 Phone	+351296550200
2.5.4 Address	Praça do Município 2
2.5.5 Post code	9650-411
2.5.6 City	Povoação
2.5.7 Country	Portugal
2.6 Legal representative	
2.6.1 Name	Pedro Nuno Melo
2.6.2 Email	pedronunomelo@outlook.com
2.6.3 Phone	+351296550200
2.6.4 Address	Praça do Município 2

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2.6.5 Post code	9650-411
2.6.6 City	Povoação
2.6.7 Country	Portugal
2.6.8 Date of entering into functions	
2.6.9 Probative document of the Legal representative	
2.7 Bank account	
2.7.1 IBAN	
2.7.2 SWIFT	
2.7.3 Bank	
2.7.4 Bank Account Owner	
2.7.5 Bank Account Country	
2.7.6 DTCC Code	
2.7.7 Bank Statement	
2.8 Co-financing declaration	
2.8.1 Document date	
2.8.2 Co-financing declaration	
2.9 State aid declaration	
2.9.1 Date	
2.9.2 State Aid Declaration	
3. Brief Summary	
3.1 Brief Summary	**EN:** The project pursues to promote the use of geothermal energy in the communities through the joint development of tools and methodologies that make possible the creation of favourable local ecosystems, both for heat and power. The project will act on the improvement of the knowledge and capacities of the different actors, the support of innovation and technology transfer, as well as the launch of local policies and pilot demonstrations for the use of geothermal energy. **ES:** El proyecto busca promover el uso de la energía geotérmica en las comunidades por medio del desarrollo conjunto de herramientas y metodologías que permitan la puesta en marcha de ecosistemas locales favorables, tanto para energía eléctrica como térmica. Se actuará en la mejora del conocimiento y las capacidades de los distintos actores, el apoyo a la innovación y transferencia de tecnología, así como en la puesta en marcha de políticas locales y demostraciones piloto del uso de la geotermia. **FR:** Le projet vise à promouvoir l'énergie géothermique dans les territoires à travers le développement conjoint d'outils et de méthodologies qui permettront de créer des environnements locaux favorables pour l'électricité et la chaleur. Le projet contribuera à améliorer les connaissances et les compétences des différents acteurs, à soutenir le transfert de technologies et d'innovation, ainsi

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	qu'à engager des politiques locales et des pilotes démonstrateurs d'utilisation de l'énergie géothermique. **PT:** O projeto procura estimular a utilização da energia geotérmica nas comunidades através do desenvolvimento conjunto de ferramentas e metodologias que permitam a criação de ecossistemas locais favoráveis, tanto para a energia elétrica como energia térmica. O projeto atuará na melhoria do conhecimento e das capacidades dos diferentes intervenientes, no apoio à inovação e transferência de tecnologia, bem como no lançamento de políticas locais e demonstrações-piloto que utilizem a energia geotérmica.
3.2 Explain eventual modifications in relation to the submited EOI	**EN:** Not modified **ES:** **FR:** **PT:**
4. Project Description	
4.1 Overall objective	**EN:** The general objective of the project it to develop cooperation methodologies and tools in order to jointly create the necessary conditions to encourage the energy transition in the Atlantic Area by boosting local geothermal resources. The improvement of cooperation between private and public actors and researchers will be pursued through the articulation of the value chain of geothermal energy in the communities and the local territories. With this aim the development of local policy frameworks and support tools will be promoted to encourage the energy transition and the promotion of geothermal energy, as well as the empowerment of the communities and local authorities to provide an effective response from the energy point of view to the threat of climate change and the construction of a new energy model. Another aspect to be acted upon is the increasing of the social acceptance of renewable energy, especially of geothermal energy by local communities as a renewable resource, and from an economic point of view, to raise awareness about the relevance and business opportunities of geothermal energy. By means of this cooperation project an opportunity for the development of a joint strategy will be offered that will allow for the exchange of solutions and innovations between the various agents and stakeholders in the Atlantic Area. **ES:** El objetivo general del proyecto es desarrollar metodologías y herramientas de cooperación a fin de crear conjuntamente las condiciones necesarias para favorecer la transición energética en el Espacio Atlántico a través del impulso de los recursos geotérmicos locales. Se busca mejorar la cooperación entre actores privados, públicos e investigadores a través de la articulación de la cadena de valor de la energía geotérmica en las comunidades y en el territorio local. Para ello se busca impulsar el desarrollo de marcos de políticas locales e instrumentos de apoyo para promover la transición energética y la promoción de la energía geotérmica así como capacitar a comunidades y autoridades locales para dar una respuesta efectiva desde el punto de vista energético a la amenaza que supone el cambio climático y la construcción de un nuevo modelo energético. Otro aspecto sobre el que se actuará es el aumentar la aceptación social de las energías renovables, especialmente de la geotérmica por parte de las comunidades locales como recurso renovable así como desde un punto de vista económico, concienciar acerca de la

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	relevancia y las oportunidades de negocio de la energía geotérmica. Se ofrecerá por medio del proyecto de cooperación una oportunidad para el desarrollo de una estrategia conjunta para poder intercambiar soluciones e innovaciones entre los distintos agentes y stakeholders en el Espacio Atlántico. **FR:** **PT:**
4.2 Common Challenge	
4.2.1 Common Challenge	**EN:** One objective of the Energy Union Strategy is to move further away from an economy driven by fossil fuels. The new Renewable Energy Directive provides the right framework to achieve the binding EU-level target of at least 27% renewable energy by 2030. Many of the changes linked to this transition will take place in cities and municipalities. An ecosystem for the promotion of the energy transition and geothermal energy in local communities of the Atlantic Area is necessary: cooperation between actors; social awareness; empowering consumers to act; economic promotion; demonstrator effect. Only a portion of the potential of geothermal energy is yet in use. Increasing its use and strengthening the geothermal industry will allow for a substantial reduction of CO2 emissions. In combination with technologies, renewable energy sources can meet the heating and cooling demand, which is about half of the final energy demand in Europe. Furthermore it is still necessary to make advances on power production. “A right economic and political environment is needed, to advance research and innovation, to explore, design, finance, build, and operate geothermal energy installations” (EGEC 2015). Geothermal energy is a local source of energy, producing power and heat for cities and rural communities or for uses such as agriculture. It leads towards a decentralized approach, empowers consumers and makes the choice of the energy mix more democratic. **ES:** Uno de los objetivos de la Estrategia de la UE de la Energía es dejar atrás la economía basada en los combustibles fósiles. La nueva directiva sobre energía renovable propone como objetivo vinculante para la UE al menos un 27 % de energía renovable de aquí a 2030. Muchos de los cambios que conllevará esta transición se notarán en ciudades y municipios. En necesario un ecosistema para la promoción y el impulso de la transición energética y la energía geotérmica en las comunidades locales del E.A.: cooperación entre actores; concienciación social; capacitación de los consumidores; promoción económica; efecto demostrador. Sólo una parte del potencial de la energía geotérmica está explotándose. Aumentar su uso y fortalecer la industria geotérmica permitirá una reducción sustancial de las emisiones de CO2. En combinación con las tecnologías, las fuentes renovables pueden suplir la demanda de calor y frío, que es la mitad de la demanda de energía final en Europa. Y todavía queda más por avanzar en producción de energía. “Se precisa un medio económico y político adecuado, para avanzar en investigación, innovación, explorar, diseñar, financiar, construir y poner en marcha instalaciones de energía geotérmica” (EGEC 2015). La geotermia es una fuente local de energía, que produce electricidad y calor para ciudades y comunidades rurales o para usos como la agricultura. Posibilita un enfoque descentralizado, da poder al consumidor y hace la elección de modelo energético más democrático.

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	FR: **PT:**
4.2.2 Explain modifications in relation to the submited EOI	**EN:** Not modified **ES:** **FR:** **PT:**
4.3 What is new?	
4.3.1 What is new?	**EN:** Several partners carry out a research and technology development in the field of energy and, specifically in geothermal energy. They are promoters and developers of innovative projects which can be benchmarks to the participating territories. The case of the Eden Project is a benchmark of the use of renewable energies as a part of its educative and social project and self-provision in the community, compatible with respect and awareness for the environment. Furthermore, geothermal energy, especially in electricity production, is still new in most of the AA regions and a field for prospections. In the participating territories these kinds of projects have not yet been promoted or are only at a preliminary study phase. So the partner network will act as catalyst of innovative solutions for local energy supply based on endogenous renewable resources that reduce the impact on CO2 production. For this, new technologies and the newest advances will be shared in order to find the most adequate solutions for each territory. E.g. ITER will use an innovative technology for geothermal resources exploration in the participating territories. Furthermore a WP is focused on the transfer of technology & research results towards the market, by entrepreneurs, spin-offs, or sector companies. The aim is to use those results and advances on the research field to boost the economic dimension that contributes to the reliable provision of renewable energy services in the communities of the AA. **ES:** Varios socios desarrollan una labor de investigación y desarrollo de tecnología en energía. Son promotores y desarrollan proyectos innovadores que permitirán servir de referentes a los territorios participantes. En el caso de Eden Project, es un referente de aplicación de las energías renovables como parte de su proyecto educativo y social y de auto- suministro en la comunidad, compatible con el respeto y concienciación por el medio ambiente. Por otra parte, la energía geotérmica, especialmente en producción de electricidad, todavía es nueva en gran parte de las regiones del EA y es un campo a explorar. En los territorios participantes todavía no se han impulsado proyectos de este tipo o están en estudio, por lo que la red de socios actuará como catalizador de soluciones innovadoras para el suministro de energía local en base a recursos endógenos renovables y que permiten reducir el impacto en producción de CO2. Para ello se pondrán en común las nuevas tecnologías y los últimos avances para buscar las soluciones más acertadas para cada territorio. ITER usará una tecnología innovadora para explorar los recursos geotérmicos en los territorios participantes. Una de las líneas de acción del Proyecto se enfoca en la transferencia al mercado de tecnologías y resultados de investigación, bien por emprendedores, spin offs o por empresas del sector. Se busca así también utilizar esos resultados y avances en el campo para potenciar la dimensión económica en las comunidades del EA.

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	FR: **PT:**
4.3.2 Explain modifications in relation to the submited EOI	**EN:** The innovative character in the project is clarified and concreted in the Work Plan: The WP 6 “ENER_INNOVATION & BUSINESS” is dedicated exclusively to the technology transfer and to boost new companies in the geothermal energy sector, including the identification of technologies with potential for the AA, and the promotion of alliances for technology transfer to boost geothermal sector in the regions. With this aim the experts and tech partners will set up a work group focused on the innovation in the geothermal energy sector. The project’s cooperation will facilitate the identification the most innovative technologies to be transferred to the market as well as the promotion of new enterprises in the territories to propel an innovative and dynamic sector. Furthermore by means of the action of 4.4, Mapping the geothermal potential, ITER will implement an innovative technology to explore the geothermal resources in the participating territories. **ES:** El carácter innovador se explica y detalla en el contenido del Work Plan: El WP6 “ENER_INNOVATION & BUSINESS” se dedica exclusivamente a la transferencia de tecnología y al impulso de nuevas empresas en el sector de la energía geotérmica, incluyendo la identificación de tecnologías con potencial en el EA, y la promoción de alianzas para al transferencia de tecnología para fortalecer el sector de la geotermia en la región. La cooperación en el proyecto facilitará la identificación de las tecnologías más innovadoras susceptibles de ser transferidas al mercado así como la promoción de nuevas empresas en los territorios para impulsar un sector dinámico e innovador. Además hay que señalar que por medio de la acción 4.4 , Mapping the geothermal potential, ITER utilizará una tecnología innovadora para explotar los recursos geotérmicos existentes en los territorios participantes. **FR:** **PT:**
4.4 Transnational approach	
4.4.1 Transnational approach	**EN:** The main challenge of the project is developing, by means of the joint work of the partners, methodologies and tools that contribute to the exploitation of geothermal energy and to the transition towards a new sustainable energy model in the local communities of the AA. By means of the joint effort of the partners the innovations in order to optimize the exploitation of the potential in the territories will be analysed. The partners have diverse experience in research and development of solutions as well as in their in situ implementation. In the case of the “tech” partners (CIT, CIENER, Energylab, ITER), they have been successfully working on investigating and promoting technologies and installations for renewable energies. The participating territories in Spain, Portugal, France, UK and Ireland have diverse geological features that can be useful as field for study, implementation of new technologies and innovations and the development of pilots. The creation of a common pool of good practices and knowledge is pursued, by using an approach in coherence with the AA Programme and its SO 2.1 and the institutional- social- technological triple dimension. These outputs will be useful both for this sample of territories of the Project and for being transferred to

	other regions in the AA. The participation of EHPA will contribute to the direct link with market actors and providers and to catalyse the results for these and other areas. **ES:** El reto del proyecto es desarrollar, por medio del trabajo conjunto de los socios, metodologías y herramientas que contribuyan al aprovechamiento de la energía geotérmica y la transición hacia un modelo energético sostenible en las comunidades locales del E.A. Por medio del esfuerzo conjunto de los socios se analizarán innovaciones a la hora de optimizar la explotación del potencial en los territorios participantes. Los socios cuentan con distinta experiencia en investigación y desarrollo de soluciones así como en su aplicación sobre el terreno. En el caso de los socios “tech” como CIT, CIENER, Energylab o ITER han trabajado con éxito en investigación y promoción de tecnologías e instalaciones de producción de energía renovable. Los territorios participantes en España, Portugal, Francia, UK e Irlanda, cuentan con diversas características geológicas que permitirán servir de campo de análisis, aplicación de nuevas tecnologías e innovaciones y desarrollo de pilotos. Se pretende crear un banco común de buenas prácticas y conocimientos, aplicando un enfoque coherente con el Programa EA y su SO2.1 y la triple dimensión institucional, social y tecnológica. Estas realizaciones serán utilizables tanto en la muestra de territorios del proyecto como transferibles a otras regiones del E.A. La participación de EHPA contribuirá a vincular directamente con agentes del mercado y a servir catalizador de estas y otras áreas. **FR:** **PT:**
4.4.2 Explain modifications in relation to the submited EOI	**EN:** The programme outlines the need of using a multidimensional approach by improving the institutional, technological, industrial and social framework. The project’s challenge is to develop methodologies and tools by means of cooperation to facilitate in various local communities the energy transition and the utilization of renewable resources. Some territories are pioneer, but other need to learn and be supported by this cooperation. It will be addressed to 3 barriers: the lack of information among consumers, the lack of energy services providers in connection with geothermal (still fewer as solar or wind), and the offer and access to innovations and technologies which can facilitate the optimal exploitation of these resources in regions where are still beginning to move to this new energy model. **ES:** El programa destaca la necesidad de usar un enfoque multidimensional por medio de la mejora del marco institucional, tecnológico, industrial y social. El desafío del Proyecto es desarrollar metodologías y herramientas por medio de la cooperación para facilitar la transición energética y la utilización de fuentes renovables en varias comunidades locales. Algunos territorios son pioneros, pero otros necesitan aprender y ser apoyados por esta cooperación. Se actuará en 3 barreras: la falta de información entre los consumidores, la falta de proveedores de servicios energéticos relacionados con la geotermia (menores que en el caso de la solar o eólica), y en la oferta y acceso a innovaciones y tecnologías que pueden facilitar la explotación óptima de los recursos de las regiones donde todavía se está comenzando el cambio a un nuevo modelo energético. **FR:**

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	PT:
4.5 Cooperation intensity	
4.5.1 Joint development (mandatory)	**EN:** All the outputs and results will be developed by means of cooperation, sharing complementary knowhow and experience. The tech partners will play an important role for the joint elaboration of some products. E.g. WP4 will allow to design the jointly strategy, and their contents, work methodology, best practices, will be agreed and adopted by the partnership. To coordinate common tasks each WP has a leader as well as several Work groups for actions with a more technological component. **ES:** Todas las realizaciones serán desarrolladas por la cooperación, compartiendo saber hacer y experiencia complementarios. Los socios tech jugarán un importante papel para la elaboración conjunta de algunos productos. E.g. WP4 permitirá el diseño de una estrategia conjunta, y sus contenidos y metodología de trabajo, prácticas, serán acordadas y adoptadas por el partenariado. Para coordinar las tareas comunes cada WP tiene un líder y además work groups para acciones con un componente más técnico. **FR:** **PT:**
4.5.2 Joint implementation (mandatory)	**EN:** All partners will participate in the implementation, once agreed and validated the methodologies. The Tech partners acting as experts to carry out the analysis (BENCH), capacity buiding (CAPACITY), innovation transfer (BUSINESS) and technical support (LOCAL ACTION). The local entities and energy agencies will participate by implementing the common strategy in these 4 axis, including those actions address to improve capacities and to demonstrate the use of geothermal energy. **ES:** Todos los socios van a participar en la implementación, una vez acordadas y validadas las metodologías. Los socios tech actuarán como expertos para llevar a cabo el análisis, creación de capacidades, transferencia de tecnología y apoyo técnico. Las entidades locales y agencias de energía participarán en la implementación de la estrategia conjunta en estos 4 ejes, incluyendo aquellas acciones de mejora de capacidades y de demostración del uso de la energía geotérmica. **FR:** **PT:**
4.5.3 Joint staffing (mandatory)	**EN:** The partners are going to assign the internal staff necessary to carry out for the coordination, development and implementation of the common work plan. At the beginning of the project the team that participate in the Steering Committee (action 1.1) and in the work groups will be appointed at each partner and will be actively involved in execution, monitoring and risk management. This Partners' staff can be assisted by external experts and providers when necessary. **ES:** Los socios van a asignar el personal interno necesario para llevar a cabo la coordinación, desarrollo e implementación del programa de trabajo conjunto. Al comienzo el equipo que participará en el comité directivo (acción 1.1) y

	en los grupos de trabajo será designado por cada entidad y se involucrará activamente en la ejecución, seguimiento y gestión de riesgos. El personal de los socios podrá recurrir al apoyo de expertos externos cuando así sea necesario. **FR:** **PT:**
4.5.4 Joint financing (mandatory)	**EN:** All partners will contribute to the co- financing of the Project. Each partner will commit the same rate (25% of its total budget) to finance the project by own or raised funds. **ES:** Todos los socios contribuirán a la cofinanciación del proyecto. Cada socio comprometerá el mismo porcentaje (25% de su presupuesto total) para financiar el proyecto con fondos propios o adquiridos. **FR:** **PT:**
4.5.5 Joint capitalization	**EN:** The project includes in the WP3 the definition of a concrete capitalization and sustainability plan. The document will be agreed by the partners including the assignation of the necessary resources. The strategy will include the involvement of the local community, policy makers and the sector of geothermal. EHPA is partner and will play an active role for dissemination and capitalization of results inside and outside AA. **ES:** El proyecto incluye en el WP3 la definición de un plan de capitalización y sostenibilidad concreto. El documento será acordado por los socios incluyendo la asignación de los recursos necesarios. La estrategia incluirá la implicación de la comunidad local, los decisores políticos y el sector de la geotermia (EHPA es socia y jugará un rol activo para la difusión y capitalización de resultados dentro y fuera del EA. **FR:** **PT:**
4.5.6 Joint enabling of long term effect	**EN:** In the participating territories a local policy framework will be elaborated to create the favourable conditions for the growth of the geothermal exploitation and this energy source production/ consumption. This will include all rules and local policies necessary to promote and exploit the geothermal energy, regulations and tax benefits, public incentives, urban planning regulations. Also the complementarity with other funds and programmes like ERDF. **ES:** En los territorios participantes un marco político local será diseñado para crear condiciones favorables para el crecimiento de la explotación de la geotermia y la producción y consumo de esta fuente de energía. Esto incluirá todas las normas y políticas locales necesarias para promover y explotar la energía geotérmica, normativa y beneficio fiscal, incentivos públicos, planificación urbana. También se estudiará la complementariedad con otros programas y fondos incluido FEDER. **FR:** **PT:**
4.5.7 Others	**EN:**

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	The project will contribute directly to the European strategies to promote a sustainable and intelligent grow, based on endogenous resources of the Atlantic regions. It contributes to the autonomous energy production and to the objective of the Energy Union Strategy to move further away from an economy driven by fossil fuels. It will contribute to the RES Directive and the bioenergy sustainability policy and to achieve the binding EU-level target of at least 27% renewable energy by 2030. **ES:** El proyecto contribuirá directamente las estrategias europeas para promover un crecimiento sostenible e inteligente, basado en recursos endógenos de las regiones atlánticas. Contribuye a la producción de energía autónoma y al objetivo de la Energy Union Strategy, de alejarse de una economía basada en combustibles fósiles. En línea con la Directiva RES y las políticas de sostenibilidad energética para lograr el objetivo de la UE de un mínimo de 27% de suministro energético renovable en 2030. **FR:** **PT:**
4.6 Partnership consistency	
4.6.1 Partnership consistency	**EN:** The local authorities of Ourense and Cova da Beira have interest on the implementation of geothermal energy as a part of their energy policies and climate action plans. Energy agencies with an active role in the promotion and support of initiatives in the field of renewable energy in their territories will participate as well, such as Island Energy Trust in Islay; ALIenergy, in the municipalities of Argyll and Bute or ALEC in the Metropolis of Bordeaux and Gironde. EDA which has joined as partner is one of the most important energy providers in Azores. The Eden Project is a benchmark in making sustainable development projects in Cornwall a reality. These entities involved in the implementation of this energy source in their territories, where it is still insufficiently exploited, are joined on the one hand by technological partners with expertise in the field in order to help find the optimal solutions: CIT, which is working in close collaboration with Cork Council, Energylab, which applies and disseminates technologies for energy sustainability, FEUP, specialized in RES in buildings and ITER in Tenerife, which combines research with the development of pilot projects in the territory. On the other hand, EHPA will act representing a sub- sector of activity in geothermal energy as well as a multiplier. Additionally, the project is supported by the IDAE in Spain and the RNAE in Portugal. **ES:** Las autoridades locales de Ourense y Cova da Beira tienen interés en la implantación de la energía geotérmica como parte de sus políticas energéticas y sus planes de acción por el clima. También participan agencias de energía activas en la promoción y apoyo de iniciativas en el campo de las renovables en sus respectivos territorios, como Island Energy Trust en Islay; ALIenergy, en los municipios Argyll y Bute o ALEC para la Metrópolis de Burdeos y Gironda. EDA se ha unido como socia y es una de las más importantes suministradoras de energía en Azores. El proyecto Eden es un referente en hacer realidad proyectos de desarrollo sostenible en Cornwall. Junto con estos socios implicados en implementar esta fuente de energía en sus territorios, en los que todavía está insuficientemente aprovechada, se suman, por un lado, socios tecnológicos con expertise en el campo para ayudar a encontrar

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	las soluciones óptimas: CIT que trabaja en estrecha relación con el municipio de Cork, Energylab que aplica y difunde tecnologías en sostenibilidad energética, CIENER, especializado en sistemas de energía renovable en edificios y el ITER de Tenerife que combina investigación con el desarrollo de proyectos piloto en el territorio. Asimismo, la EHPA actuará representante de un subsector de actividad dentro de la geotermia y multiplicador. Además el proyecto cuenta con el apoyo de IDAE de España y de la RNAE de Portugal. **FR:** **PT:**
4.6.2 Explain modifications in relation to the submited EOI	**EN:** The transnational approach has been increased. EDA Renovaveis becomes as partner, bringing another region to develop and implement solutions. And the Regional Direction of Energy of Azores Government will participate as associate together with 2 municipalities to spread the best practices in the region. Instead of INEGI (an institute of University of Porto) the University of Porto itself becomes the partner. This change will facilitate the collaboration of the diverse departments like the Faculty of Engineering has more competences in research and training and the INEGI. **ES:** El enfoque transnacional ha sido incrementado. EDA Renovables se convierte en socio, incorporando a otra región para el desarrollo e implementación de las soluciones. La Dirección Regional de la Energía del Gobierno de Azores participará como asociada así como 2 cámaras municipales para extender las mejores prácticas en la región. En lugar de INEGI (instituto adscrito a la Universidad de Oporto) participará esta última como socio. Esto permite la colaboración entre los diversos departamentos de la institución como la Facultad de Ingeniería que tiene competencias en investigación y formación así como el propio INEGI. **FR:** **PT:**
4.7 Main outputs, results in line with the work plan. Synthesis of the work packages. Target groups	
4.7.1 Main outputs and results	**EN:** An output of the Project will be an interactive Tool of Reference to boost geothermal energy and a pool with best practices, methodologies and tools applicable to local communities of the AA. This information will be available in different languages for local actors and the general public to facilitate the knowledge and exploitation of geothermal resources. In order to improve the necessary skills a map of skills and competencies to stimulate geothermal energy and 4 training activities will be carried out in each territory aimed to different groups: policy makers, the general consumer, companies, professionals, farmers, etc. The project will also act in the transfer of technology to the market. The portfolio with the technologies to be transferred to energetic companies will be an output, as well as the services to support local entrepreneurship and SMEs related to geothermal energy. Finally 4 technology transfer experiences to boost innovation in the geothermal energy will be the result. Another work package will be focused on energy planning at local/regional level. A resource centre for promoting geothermal energy for districts and buildings (both for electricity and heating/cooling) with an online Advisory Service will be set up. At the end of the project a public demonstration project will be implemented in each territory and the integration

	of measures in favour geothermal energy in the local policy framework will be achieved. **ES:** Un output del Proyecto será una herramienta interactiva de referencia para potenciar la energía geotérmica y un paquete con buenas prácticas, metodologías y herramientas aplicables a comunidades locales en el EA. Esta información estará disponible en diferentes idiomas para actores locales y público en general para facilitar el conocimiento y explotación de los recursos geotérmicos. Para mejorar los conocimientos necesarios se realizarán un mapa de habilidades y competencias para estimular la energía geotérmica y 4 acciones formativas por territorio, dirigidas a diferentes grupos: decisores políticos, consumidor, empresas, profesionales, agricultores, etc. Se actuará también en la transferencia de tecnología al mercado. Un output será el portfolio de tecnologías para ser transferidas a compañías del sector energético así como los servicios de apoyo a emprendedores y pymes locales para proyectos empresariales relacionados con la geotermia. Como resultado se pondrán en marcha 4 experiencias de transferencia de tecnologías innovadoras. Otro paquete de trabajo se enfocará a la planificación energética a nivel local/regional. Se pondrá en marcha un centro de recursos para promover la energía geotérmica en distritos y edificios (calor, frío, electricidad) con un servicio de asesoramiento online. Al final del proyecto se implementará un proyecto público demostrativo en cada territorio y se logrará un marco político local en favor del aprovechamiento energético de la geotermia. **FR:** **PT:**
4.7.2 Explain modifications in relation to the submited EOI	**EN:** On the Work plan the most relevant outputs and results are concreted in this second phase formular. Some of the most important and with a bigger impact in the objective of fostering the geothermal sector in the AA are: 8 territories with a map of the geothermal potential 4 technology transfer experiences to boost innovation in the geothermal energy promoted. Energy Local policy at 8 territory improved with the results of the project . (changes in policies and processes). Decrease of energy costs for public, private entities Additional capacity of renewable energy production based on geothermal resources(Mw) 2 regional/national policies addressed to use geothermal resources 36 stakeholders involved at a wider level (region/ national) to implement good practices in renewable energy **ES:** n el plan de trabajo del formulario de esta segunda fase se ha podido describir con más detalle las realizacioens y resultados más relevantes. Varios de los más importantes para lograr un gran impacto en el objetivo de fortalecer el sector geotérmico en el EA son: 8 territorios con mapeado de su potencial geotérmico. 4 experiencias de transferencia de tecnología para impulsar la innovación en el sector de la geotermia promovidas. Política energética local en 8 territorios mejorada con los resultados del proyecto (cambios en políticas y procesos) Descenso en el coste energético para entidades públicas y privadas. Capacidad adicional de producción de energía renovable basada en recursos geotérmicos (Mw) 2 políticas regionales/nacionales a las que se dirige para el uso de las fuentes geotermales. 36 partes interesadas implicadas a un nivel más amplio (región, nación) para implementar las buenas prácticas en energía renovable. **FR:**

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	PT:
4.7.3 Who will use the main outputs?	National public organisations, Regional public organisations, Local public organisations, Public Enterprises
4.7.4 Involvement of target groups	**EN:** In each territory a local action group will be set up to involve the local actors during the execution. The participants will be decision makers and technicians from local administrations, energy prescribers (architects, etc.), neighbourhood associations, energy service providers, SMEs and potential prosumers. Each group will have meetings regularly to participate in the design and development of the project. Some information/Training sessions will be implemented as well (5.3, 5.4) At least will be organized 2 events at each territory to raise awareness of the possibility of the more extended use of the geothermal resources at wider level. These may have the form of meetings with representatives of energy providers sector and policy makers at bigger level (regional, national). At European level a delegation (LP, ITER & EHPA) will attend at events (European Geothermal Congress, GeoTHERM Expo& Congress or GeoPower & Heat Summit) to promote the results. **ES:** En cada territorio se creará un grupo de acción local para implicar a los actores locales durante la ejecución. Los participantes serán decisores públicos, y técnicos de administraciones locales, prescriptores energéticos (como arquitectos o constructores) asociaciones de vecinos, proveedores energía, SMEs y prosumers potenciales. Cada grupo tendrá encuentros regularmente para participar en el diseño y desarrollo del proyecto. Se realizarán acciones de información/ formación también (5.3 y 5.4). Como mínimo se organizarán 2 eventos en cada territorio para sensibilizar sobre la posibilidad de un uso más extensivo de la geotermia a un nivel más amplio. Estos pueden tener la forma de encuentros de trabajo con representantes del sector energético y decisores políticos de un nivel más alto (región, estatal). A nivel europeo una delegación de socios asistirá a eventos como European Geothermal Congress, GeoTHERM Expo& Congress or GeoPower & Heat Summit para promover los resultados. **FR:** **PT:**
4.8 Long-term effects	
4.8.1 Long-term effects	**EN:** By means of the project, methodologies and tools will be created that will make easier the transition to a new, sustainable energy model based on endogenous resources. Through its outputs the project will pursue that the main local actors such as public authorities become tractors, making effective impacts in the local energy supply as well as in local energy policies. Considering that around 40% of the energy used in the EU is consumed in buildings, of which 80% is used for heating and cooling, and the project aims to increase the proportion of that supply that is based on geothermal energy. Some pilots will be carried out in the communities with a demonstrative character and as example to be spread to more buildings, installations, greenhouses or districts. Products and knowledge will be disseminated so they can be replicated in other places of the AA. The partner EHPA has shown its interest to disseminate best practices in other regions with potential such as the Baltic Sea or the Mediterranean.

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	Together with the partners other organisations will play an important role as observers and amplifiers of effects in case of the approval of the project. This is the case of the RNAE in Portugal, associated to the project, or the IDAE in Spain, which has showed its interest in collaborating with the project with the signature of a letter of support. Also the Regional Direction of Energy of Azores Government and 2 municipalities to spread the best practices in the region. **ES:** Por medio del proyecto se crearán metodologías y herramientas que faciliten la transición a un modelo energético sostenible y en base a recursos endógenos. Por medio de las realizaciones se busca que los principales actores locales, como son las autoridades públicas, hagan de tractores, logrando resultados efectivos en el suministro energético local así como en las políticas locales de energía. Si se tiene en cuenta que alrededor del 40 % de la energía utilizada en la UE se consume en edificios, y de esta el 80 % se destina a calor/frío, se busca incrementar la proporción. En el marco del proyecto se harán pilotos con carácter demostrativo en las comunidades para que sirvan de ejemplo y se expandan a otros edificios, instalaciones, invernaderos o distritos. Los productos y conocimientos serán difundidos para ser replicados en otros lugares del E.A. En el caso del socio EHPA ha mostrado su interés para replicar las buenas prácticas en otras regiones con potencial como el mar báltico o el mediterráneo. Ademas de los socios otras organizaciones participan con un importante papel como observadores y multiplicadores de efectos en caso de aprobarse el proyecto. Tal es el caso de la RNAE de Portugal, adherida como asociada, y IDAE de España, que ha mostrado su decisión a colaborar con el proyecto por medio de la firma de una carta de apoyo. También la Dirección Regional de la energía de Azores y dos cámaras municipales participarán para extender en la región las prácticas. **FR:** **PT:**
4.8.2 Explain modifications in relation to the submited EOI	**EN:** The Regional Direction of Energy of Azores Government will participate as associate together with 2 municipalities to spread the best practices in the region. **ES:** La Dirección Regional de la Energía del Gobierno de Azores participará como asociada así como 2 cámaras municipales para extender las mejores prácticas en la región. **FR:** **PT:**
4.8.3 The effects are expected for the next 5 or 10 years?	**EN:** The impacts of the Project foreseen for the next 5 years are going to be: At each of the participating territories the use of the geothermal resources will be extended. By means of the demonstration project carried out as part of GEOAtlantic Project together with the local action groups, informative and training actions for citizens and other stakeholders, a better knowledge about the potential of the geothermal resources will be spread. The domestic and SMEs geothermal use (hotels, commercial sector, etc,) for geothermal for heating/cooling and hot water will be increased on 20% in the next 5 years specially in Ourense, Cova da Beira's municipalities, Islay, Argyll, Lomond and the Islands in Scottland, in Cornwall, in Azores and Tenerife. The technological

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	partners and associates will play an important role to promote the results from the GEOAtlantic project to other networks and territories. This will facilitate that lessons learned about the local strategy to promote the local ecosystem at communities as well as about the experience coming from the local demonstration projects carried out can reach other public outside partners once the project is ended. **ES:** **FR:** **PT:**
4.9 Horizontal principles	
4.9.1 Sustainable development (Concrete and real measures to contribute to sustainable development and environment.)	
4.9.1.1 Sustainable development effects	2
4.9.1.2 Description of expected effects	**EN:** The project is directly connected with the sustainable development. It will promote knowledge about the potential of geothermal resources with the aim to increase the exploitation of this renewable source, both for heat/cool or power. This is an essential contribution to the EU's efforts to develop a sustainable, low carbon and resource efficient. The Renewable Energy Directive establishes an overall policy for the production and promotion of energy from renewable sources in the EU. It requires the EU to fulfil at least 20% of its total energy needs with renewables by 2020. **ES:** **FR:** **PT:**
4.9.2 Equal opportunities and non-discrimination (Specific actions foreseen to avoid discrimination and promote equal opportunities)	
4.9.2.1 Equal opportunities effects	2
4.9.2.2 Description of expected effects	**EN:** A code of ethics will be applied by partners in line with the transversal principles of the European Structural and Investment Funds. Within the project's framework, appropriate measures will be taken to avoid any discrimination based on sex, race or ethnic origin, religion or belief, disability, age or sexual orientation during the execution of the actions. Accessibility for people with disabilities will also be taken into account specially in the design and construction of the projects, so any kind of barrier will be avoid in the access or use of the infrastructure. These measures will be approved and implemented at project level through the Code of Ethics, which will be integrated into the Project Management Manual. **ES:** **FR:** **PT:**
4.9.3 Gender equality (Specific actions to ensure equality between men and women)	
4.9.3.1 Gender equality effects	1
4.9.3.2 Description of expected effects	**EN:** Since gender equality is not the central theme of the Project, measures to respect equal opportunities will be introduced in some of the actions to be carried out within the framework of the project. In particular, equality

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	will be addressed in the selection of participants in communication actions (training actions, dissemination seminars,...), encouraging and favouring the participation of the women in both speakers and public. In measures like communication and dissemination the project will seek to include women in the project's images and slogans. At the same time, a balanced presence of men and women in the management and decision-making bodies of the project will also be ensured. **ES:** **FR:** **PT:**
4.10 Atlantic Strategy	
4.10.1 Is the project based on one of the Atlantic strategy specific objectives?	1
4.10.2 If yes, please select one	6

Work page type number	Activity name	Start date	End date
WP Nr. 0 Project Preparation	Preparation	2017-01-01	2017-08-31
WP Nr. 1 Project coordination	Coordination	2017-09-01	2020-08-31
WP Nr. 2 Project Communication	Communication	2017-09-01	2020-08-31
WP Nr. 3 Project Capitalization	Capitalization	2018-01-02	2020-08-31
WP Nr. 4 ENER_BENCH improvement the knowledge to boost local ecosystems for energy transition	ENER_BENCH improvement the knowledge to boost local ecosystems for energy transition	2017-10-01	2020-08-31
WP Nr. 5 ENER_CAPACITY: Developing skills in strategic actors	ENER_CAPACITY: Developing skills in strategic actors	2018-02-01	2018-10-31
WP Nr. 6 ENER_INNOVATION & BUSINESS. Technology transfer & new business for a geothermal energy sector	ENER_INNOVATION & BUSINESS. Technology transfer & new business for a geothermal energy sector	2017-10-01	2020-08-31
WP Nr. 7 ENER_LOCAL ACTION demonstration and tractor initiatives towards energy transition	ENER_LOCAL ACTION demonstration and tractor initiatives towards energy transition	2018-11-01	2020-08-31

WP Nr. 0	Activity	Duration in months	Activity start year and month	Activity end year and month	Activity budget
	Project Preparation	8	2017-01-01	2017-08-31	16,000.00€
Partners' involvement					
Partner responsible		1			
Partner involved		1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16			

This WP includes the tasks for the preparation of the proposal, for the first phase and the second phase.
It includes the preparation of the documents about the work plan, objectives, results, and budget.
The kind of costs to be financed by the project war basically the external service contracted by the LP to partners search, coordination of the consortium, preparation of all the work documents, compilation of the information from the partners and the elaboration of drafts and definitive forms in the application, uploading all the fields on the application of the programme both Expression of Interest and Full Proposal. The total costs for this technical assistance was 10.285,00 €.

WP Nr.1	Activity		Duration in months	Activity start year and month	Activity end year and month	Activity budget
	Project coordination		36	2017-09-01	2020-08-31	279,937.74€
Partners' involvement						
Partner responsible		1				
Partners involved		1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16				

The City of Ourense as Lead Partner (LP) will be the General Coordinator, assigning a Project Manager who will be in charge of the leadership of the actions included as part of this activity. The partnership meetings (mainly face to face, but also by using videoconference) will be a method to monitor and identify deviations in the execution. These meetings will be milestones during the project and their scheme will be: Check of the Dashboard and risk and quality control plan, analysing the progress of the execution in contrast with the estimated values. Agreement on corrective measures; Monitoring of the Communication and Dissemination strategy; advances in the capitalization strategy; tasks for the next semester. In order to prepare these meetings all the partners will send in advance all necessary inputs and deliverables requested by the Project Manager, that will prepare the work documents for each meeting. The Lead Partner will centralized also the information about the financial execution of the project, regularly sent by the partners, in order to control the economic progress and identify possible uneligibilities or under/ over execution and to prepare the certifications and reports to be submitted. The communications with the Programme Authorities will be centralized in the Lead Partner, unless they decide to communicate directly with the partners. The partners will sign a Cooperation Agreement with the obligations and rights with no contradictions with the Grant Agreement to be signed by the Lead Partner on behalf of the partnership with the Management Authority. The Lead partner will contract the technical support necessary to develop the tools and applications for the appropriate management and accounting of the project. The evaluation will be contracted in order to have an objective and technical analysis of the execution and at least an interim and a final evaluation will be carried out.

Concello de Ourense	Internal staff	3
	Jobs to be created	0
	External staff (outsourcing)	0
	Technical resources involved	Technical resources as local authority.
Fundación Centro Tecnológico de Eficiencia y Sostenibilidad Energética	Internal staff	6
	Jobs to be created	0
	External staff (outsourcing)	0
	Technical resources involved	Computer equipment (PCs, laptops, smartphones) available both in the facilities of the entity and in the trips that are made
Instituto Tecnológico Y De Energías Renovables	Internal staff	4
	Jobs to be created	0
	External staff (outsourcing)	0
	Technical resources involved	own technical resources which are portable instrumentation of great utility for geochemical exploration applied to hidden geothermal resources as well as a geochemical laboratory with a wide and varied instrumentation such as ICP-OES, ICP-MS, QMS, IRMS, microGC, etc, to perform a full characterization

		of the chemical and isotopic signatures of terrestrial fluids (gases and waters). It also has proven a wide experience in water and gas surveys for geothermal explotarion in a wide variety of geological environments.
Associação de Municipios da Cova da Beira	Internal staff	1
	Jobs to be created	0
	External staff (outsourcing)	1
	Technical resources involved	Technical resources of the local municipalites association
Universidade do Porto	Internal staff	0,23
	Jobs to be created	1
	External staff (outsourcing)	0
	Technical resources involved	technical resources owned by the departments which will participate in the project
Islay Energy Trust	Internal staff	0,5
	Jobs to be created	1,5
	External staff (outsourcing)	1
	Technical resources involved	Input from directors (10 volunteers) where available
Argyll, Lomond and the Islands Energy	Internal staff	1
	Jobs to be created	0
	External staff (outsourcing)	0.2
	Technical resources involved	Technical resources of the partner
Eden Project	Internal staff	0.9
	Jobs to be created	1
	External staff (outsourcing)	0.
	Technical resources involved	Venue hire and event organization, Community engagement, Business leadership and network, Publicity and PR expertise, Deep geothermal demonstration well project, Heat network project, Mine-water survey plan
Agence Locale de l'Energie et du Climat	Internal staff	0.5
	Jobs to be created	0.3
	External staff (outsourcing)	-
	Technical resources involved	Office and informatic resources owned by partner to implement the activities,
Cork Institute of Technology	Internal staff	2
	Jobs to be created	2
	External staff (outsourcing)	0
	Technical resources involved	Cork Institute of Technology technical resources owned by the partner will be available for the project implementation
European Heat Pump Association	Internal staff	1
	Jobs to be created	1
	External staff (outsourcing)	0
	Technical resources involved	Office equipment to implement the activities
Associação das Agências de Energia e Ambiente (Rede Nacional)	Internal staff	1
	Jobs to be created	0
	External staff (outsourcing)	0
	Technical resources involved	Office equipment to collaborate as associate in the activities
EDA RENOVÁVEIS, S.A.	Internal staff	0.33
	Jobs to be created	0
	External staff (outsourcing)	necessary subcontracted external companies staff
	Technical resources involved	technical and office equipment
Secretaria Regional da Energia, Ambiente e Turismo	Internal staff	0.2
	Jobs to be created	0
	External staff (outsourcing)	0
	Technical resources involved	Office equipment to collaborate as associate in the activities
Câmara Municipal da Ribeira Grande	Internal staff	0.2
	Jobs to be created	0
	External staff (outsourcing)	0
	Technical resources involved	Office equipment to collaborate as associate in the activities
Câmara Municipal da Povoação	Internal staff	0.2
	Jobs to be created	0
	External staff (outsourcing)	0
	Technical resources involved	Office equipment to collaborate as associate in the activities

Please describe actions (max. 6) and deliverables within the Activity (the system must allow create a maximum of 6 actions).				
Action nr. 1	Action title: Flowchart and General coordination, partnership meetings		Start date: 09-2017	End date: 08-2020
	Action description: At the beginning of the Project the team which participates during the project and the members of the workgroups will be assigned by each partner, as a flowchart of the project staff. The LP will act as General Coordinator, assigning a Project Manager who will be in charge of the internal communication and general management of the whole project. The main tools for internal communication will be email, video conferences, and face to face meetings, foreseen with a regularity of 4-6 months.			
Deliverables	Outputs title:	Outputs description:	Indicators: OA1#8	Target:
	Expected results title: Partnership meetings	Expected results description: Partnership face to face meetings		
Action nr. 2	Action title: Financial management and audits		Start date: 09-2017	End date: 08-2020

Please describe actions (max. 6) and deliverables within the Activity (the system must allow create a maximum of 6 actions).				
	Action description: This action will be carried out by all the partners in order to manage the Budget and the accounting related with the Project. The LP will act as general coordinator of the whole budget execution, including their control and monitoring, and the partners will send regularly information. The Project Leader will develop the dashboard and procedures guidelines for the whole partnership, with detail of indicators, sub-contracts, calendar. It includes the first level control audit by each partner.			
Deliverables	Outputs title: Costs certifications	Outputs description: Audited Costs certifications at least one per year	Indicators: OA2#4	Target:
	Expected results title:	Expected results description:		
Action nr. 3	Action title: Risk management, monitoring and control		Start date: 09-2017	End date: 08-2020
	Action description: The Lead Partner will elaborate and present the Risk management and control plan to the rest of the partners. In this document the potential risks and preventive and corrective measures will be described for each action of the project, on the basis of the dashboard of the work plan. It will include mechanisms for the quality control, like inquiries to final users and qualitative indicators. At each partnership meeting the plan will be monitored and checked in order to detect deviations.			
Deliverables	Outputs title: Plan for the Risk management, monitoring and control	Outputs description: Plan for the Risk management, monitoring and control	Indicators: 0#	Target:
	Expected results title:	Expected results description:		
Action nr. 4	Action title: Progress and Final Reporting		Start date: 01-2018	End date: 08-2020
	Action description: The reporting about the project will follow the instructions and template provided by the Programme Authorities during their implementation. This can be accessed and submitted through the Programme website. Projects must submit a Progress Report twice a year. At the end of the project will be elaborated the Final report following the instructions of the Programme. The LP will be in charge of the elaboration of these common reports with the inputs of the partners.			
Deliverables	Outputs title: Reports	Outputs description: Progress and Final Report	Indicators: OA2#6	Target:
	Expected results title:	Expected results description:		
Action nr. 5	Action title: External evaluation		Start date: 09-2017	End date: 08-2020
	Action description: The LP will contract the evaluation service to carry out an objective and technical analysis and assess of the whole execution of the project. The provider will be an experienced evaluator and will carry out at least an interim and a final evaluation. Different techniques for the evaluation of the execution and its quality will be combined, especially to evaluate from the perspective of the final users, environmental, local communities and the contrast of cooperation and European added value.			
Deliverables	Outputs title: Evaluation reports	Outputs description: Evaluation reports interim and final	Indicators: OA2#2	Target:
	Expected results title:	Expected results description:		

WP Nr.2	Activity	No	Duration in months	Activity start year and month	Activity end year and month	Activity budget
	Project Communication		36	2017-09-01	2020-08-31	170,295.78€
Partners' involvement						
Partner responsible	1					
Partners involved	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16					

The objectives of the Communication and Dissemination strategy of the project are giving information and raise awareness among the target groups concerning the objectives of the Project. The main ways to reach their objective will be information, increasing of awareness and by their active involvement during the execution of the project .The target groups are the citizens, neighbourhood organizations and companies; research institutions; the public or private providers of energy and the local and regional public authorities. Together with this first level targets, the project will reach also other agents by means of the Capitalization Strategy (activity 3). At the beginning of the Project the Communication and Dissemination Plan will be developed and evaluated during the execution. The LP will be the leader of the activity, with the active involvement of the rest of the partners to reach all the target groups at each country and to carry out the actions. The tools to be used will combine internet, dissemination materials and public events. At each territory will be set up a local group to empower communities and local authorities to provide an effective response from the energy point of view to the climate change threat.

Please describe actions (max. 6) and deliverables within the Activity (the system must allow create a maximum of 6 actions).				
Action nr. 1	Action title: Communication and Dissemination Plan		Start date: 10-2017	End date: 08-2020
	Action description: The Communication and Dissemination Plan will concrete the actions, indicators, calendar, connections with the rest of the work programme. Also it will include the Project's logo and slogans and templates for publicity materials, integrated with the image of the Programme. The plan will be integrated in the Dash board of the Project (Activity 1) and its execution will be also monitored and evaluated, with the assessment of the outputs and results achievement.			
Deliverables	Outputs title: Communication and Dissemination Plan	Outputs description: Communication and Dissemination Plan with the strategy to reach the target groups of the Project	Indicators: 0#1	Target:
	Expected results title:	Expected results description:		
Action nr. 2	Action title: Project's website and social networks		Start date: 10-2017	End date: 08-2020
	Action description: The Project will have a website with information, available in all the languages of the partners, with information about the project, including news, documents and guides. There will be a space for the Interactive Tool of geothermal energy sector (WP4) and other products. Together with the website, the project will have profiles in social networks. LP will contract the development and maintenance. All partners will send updated information.			
Deliverables	Outputs title: Website and profiles in Internet	Outputs description: 1 website and 4 profiles in social networks	Indicators: 0#	Target:
	Expected results title: visits to the website	Expected results description: 1500 visits to the website per year		
Action nr. 3	Action title: Local action groups		Start date: 10-2017	End date: 08-2020
	Action description: In each territory a local action group will be set up to involve the local actors during the execution. These groups can be established ad hoc or by involvement of already existing groups. The participants will be decision makers and technicians from local administrations, energy prescribers (architects, etc.), neighbourhood associations, energy service providers, SMEs and potential prosumers. Each group will have meetings regularly to participate in the design and development of the project			

Please describe actions (max. 6) and deliverables within the Activity (the system must allow create a maximum of 6 actions).				
Deliverables	Outputs title:	Outputs description:	Indicators: PI05#160	Target:
	Expected results title: Local actors that participate in the project	Expected results description: 8 territories *20 local agents (society, economic actors, etc.) = 160		
Action nr. 4	Action title: Public presentation seminars		Start date: 10-2017	End date: 08-2020
	Action description: During the whole execution of the project some public events (coinciding with the partners meeting) will take place. At least will be one per year (2017, 2018, 2019, 2020). The first one in Ourense will be addressed to the presentation of the project, the other events in 2018, 2019 in other locations to present the progress and the tools of the project. The final event in 2020 will be focused in the presentation of the final results and capitalisation actions.			
Deliverables	Outputs title: Dissemination events	Outputs description: Dissemination events	Indicators: PI04#4	Target:
	Expected results title: Participants in the events of the project	Expected results description: 320 participants in the project's events		
Action nr. 5	Action title: Local dissemination materials (posters, flyers, etc.)		Start date: 10-2017	End date: 08-2020
	Action description: Following the same model and the image of the project at each territory will be edited at least a flyer and posters to give information about the project, actions and objectives. At each place for the tractor public demonstration project to be implemented a poster will be shown, so these pilots actions can be cleared connected with the transnational cooperation project and the support of the Atlantic Area Interreg Programme.			
Deliverables	Outputs title: posters, flyers	Outputs description: 800 posters, flyers	Indicators: 0#	Target:
	Expected results title:	Expected results description:		
Action nr. 6	Action title: Final results publication- Layman report		Start date: 04-2020	End date: 08-2020
	Action description: At the end of the project a layman report will be published. The LP will be in charge of the redaction in English. This publication is aimed both general public, non- specialist audience and serves to inform decision- makers and non-technical parties about the description of actions and practices, results of the project, including photos and graphics, summary of indicators, and conclusions. It will be online edition and distributed to stakeholder at regional, national and European level.			
Deliverables	Outputs title: Final results publication- Layman report	Outputs description: Final publication with the description of actions and practices, results of the project, to be distributed to non-technical parties	Indicators: OA3#1	Target:
	Expected results title: Distribution of the final report	Expected results description: 500 entities will received the digital publication		

WP Nr.3	Activity	No	Duration in months	Activity start year and month	Activity start end and month	Activity budget
	Capitalization		32	2018-01-02	2020-08-31	125,112.42€
Partners' involvement						
Partner responsible		1				
Partners involved		1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16				

Describe how the capitalization strategy will be implemented during the project life-time including an explanation of how partners will be involved (who will do what).

The capitalization strategy of this project is mainly focused in the establishment a comprehensive and integrated policy for fostering the geothermal energy in the Atlantic territories. The results of the actions and test will be shared and disseminated to reach other territories and spread the use of geothermal resources in more areas. The leader of the activity will be the LP, with the collaboration of the partners to enrich the strategy and deliverables with the inputs and lessons learnt from each participant territory. Promote the transfer and valorization of the project, its products and instruments generated in the project for their implementation by other local realities will be carried out some tools and tasks by the partnership. One of the tools will be an online portfolio with the products and recordings of all training activities and a video on a pilot advice program will be made accessible. Also by each local agents and policy makers involved in the project will decide about the liabilities, all necessary regulations, as well as the synergies with other policies in the cities to guarantee the sustainability of results (ERDF integrated development strategies, smart cities strategy, etc.). This capitalization strategy will begin by the start of the project in order to full fill and enrich with the progress of the project and with the inputs coming from the monitoring and evaluation results at each partnership meeting (permanent point at agenda).

By means of the WP2 and WP3 the partnership will carry out some actions to spread the outputs and results: - A layman report will be published (2.6), aimed to inform decision-makers and non-technical parties about the description of actions and practices. It will be online edition and distributed to stakeholders at regional, national and European level. - An online portfolio of resources and products (3.2) will be published As a way to make available all the products and resources created by the project a microsite will be developed at the end of the project as a portfolio of geothermal techniques and methods and results and lessons learnt. - Public events will take place (2.4) to present the progress and the results of the project. The final event in 2020 will be focused in the presentation of the final results and other public and private institutions will be invited. - At least will be organized 2 events (3.4) at each territory to 2 events at each territory to raise awareness of the possibility of the more extended use of the geothermal resources at wider level. These may have the form of meetings with representatives of energy providers sector and policy makers at bigger level (regional, national). - At European level a delegation (LP, ITER & EHPA) will attend at events like European Geothermal Congress Furthermore each partner will play an active role to spread and disseminate the experience and results in networks in which they participate.

Please describe actions (max. 6) and deliverables within the Activity (the system must allow create a maximum of 6 actions).				
Action nr. 1	Action title: Capitalisation and Sustainability Plan		Start date: 01-2018	End date: 08-2020
	Action description: At the beginning of the project the LP will elaborate a document to concrete the steps, targets, calendar to guarantee the sustainability and capitalisation of the best practices as well as to reach more entities and entities outside the partnership. It will be contrasted and monitored, as well as enriched at each meeting. It will include who makes what, which resources must be assigned, external factors which may implement a role and other targets for capitalisation beyond partnership.			
Deliverables	Outputs title: Capitalisation and Sustainability Plan	Outputs description: Capitalisation and Sustainability Plan	Indicators: 0#	Target:
	Expected results title:	Expected results description:		
Action nr. 2	Action title: Online portfolio of resources and products		Start date: 11-2019	End date: 08-2020
	Action description: As a way to make available all the products and resources created by the project a microsite will be developed at the end of the project as a portfolio of geothermal techniques and methods and results and lessons learnt. This action is aimed to transfer all			

Please describe actions (max. 6) and deliverables within the Activity (the system must allow create a maximum of 6 actions).				
	instruments and initiatives promoted in the project. In addition, recordings of all training activities and a video on a pilot advice program will be made accessible. The product will be developed by the LP.			
Deliverables	Outputs title: Microsite with the portfolio of products and resources	Outputs description: Microsite with the portfolio of products and resources	Indicators: PI04#1	Target:
	Expected results title:	Expected results description:		
Action nr. 3	Action title: Network of energy volunteers		Start date: 09-2019	End date: 08-2020
	Action description: In order to consolidate and spread the results of the demo actions this action is destined to provide information on local energy alternatives for end users and agents of the value chain (companies, technicians, etc.) on energy saving opportunities and the geothermal energy alternative for decision-making in the field of energy efficiency. This will be made by a network of energy volunteers, local information providers and advisers, promoted by the local action group (2.3).			
Deliverables	Outputs title:	Outputs description:	Indicators: PI05#4000	Target:
	Expected results title: Entities and people that are informed about innovations of the project	Expected results description: 8*500 Entities and people that are informed about innovations of the project		
Action nr. 4	Action title: Actions for transferring the results		Start date: 09-2019	End date: 08-2020
	Action description: At least will be organized 2 events at each territory to raise awareness of the possibility of the more extended use of the geothermal resources at wider level.These may have the form of meetings with representatives of energy providers sector and policy makers at bigger level (regional, national). At European level a delegation (LP, ITER EHPA) will attend at events: European Geothermal Congress, GeoTHERM Expo; Congress or GeoPower; Heat Summit.			
Deliverables	Outputs title: Meetings with regional and national actors	Outputs description: 16 meetings with regional and national actors in connection with energy production	Indicators: PI03#8 PI04#16	Target:
	Expected results title: Number of policies, strategies and operational instruments produced	Expected results description: 2 regional/national policies addressed to use geothermal resources		
Action nr. 5	Action title: Integration of the results at the policy level		Start date: 05-2019	End date: 08-2020
	Action description: At each participant territory the local policy framework that create favorable conditions for the growth of the geothermal exploitation will be developed and implemented. This will include all rules and local policies necessary to promote and exploit the geothermal energy use, regulations and tax benefits, public incentives, urban planning regulations. Also the complementarity with other funds and programmes like ERDF.			
Deliverables	Outputs title:	Outputs description:	Indicators: CO30#30	Target:
	Expected results title: Number of policy, strategy and operational instruments produced	Expected results description: Energy Local policy at each territory improved with the results of the project . (changes in policies and processes)		

WP Nr. 4	Activity	No	Duration in months	Activity start year and month	Activity end year and month	Activity budget
	ENER_BENCH improvement the knowledge to boost local ecosystems for energy transition		35	2017-10-01	2020-08-31	471,991.44€
Partners' involvement						
Partner responsible	5					
Partners involved	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16					

This WP is aimed to improve the knowledge of initiatives to boost local ecosystems for energy transition and the promotion of geothermal energy available locally in the AA. It will be carried out at the beginning of the project's execution, with the active involvement of all partners. As a starting point it is necessary to be aware and disseminate good practices of local initiatives (buildings, districts, power plants, hot houses, etc.) that have led to a transformation in specific territories by incorporating initiatives related to the utilization of geothermal energy (heating/ cooling and electricity). These experiences will be catalysed through an Interactive Tool of Benchmark Initiatives for the promotion of the geothermal energy sector. Initiatives from local authorities and initiatives to promote the energy transition of local communities will be analysed. It includes study visits to successful and innovative experiences. This analysis will allow identifying success stories regarding methodologies, tools, services and initiatives that enable and catalyse the emergence of local groups and help them to develop energy plans that promote the development of a local territory's geothermal energy. The relevant outputs and results will be an interactive Tool of Reference Initiatives to boost geothermal energy. A specific work group will be set up by partners and external collaborators to manage quality and risks an order to monitor progress and plans.

Please describe actions (max. 4) and deliverables within the Activity (the system must allow create a maximum of 4 actions).				
Action nr. 1	Action title: Analysis of the state of the art and successful practices		Start date: 10-2017	End date: 06-2018
	Action description: This action is aimed to compile of information about practices of local initiatives (buildings, districts, power plants, hot houses, etc.) that have led to a transformation in specific territories in the utilization of geothermal energy (heating/ cooling and electricity), both in the Atlantic Area or in other European regions. Under the leadership of UPorto and cooperation of the rest of partners for gathering the information following the same inquiry and metholodogy.			
Deliverables	Outputs title: Document with the forms of successful practices compiled	Outputs description: Document with the forms of successful practices compiled	Indicators: PI02#1	Target:
	Expected results:	Expected results description:		
Action nr. 2	Action title: Interactive Tool of Reference Initiatives to boost geothermal energy		Start date: 01-2018	End date: 10-2018
	Action description: As a product an interactive tool of reference initiatives will be made in order to treat data and make easily available all the information compiled. This action will include the development of an online data base, the introduction of data, with different functionalities to report or consult and the maintenance. LP will be in charge of the software development with the inputs coming from all the partners (act.4.1).			

Please describe actions (max. 4) and deliverables within the Activity (the system must allow create a maximum of 4 actions).				
Deliverables	Outputs title: Interactive Tool of Reference Initiatives to boost geothermal energy	Outputs description: Interactive Tool of Reference Initiatives to boost geothermal energy	Indicators: PI02#1	Target:
	Expected results:	Expected results description:		
Action nr. 3	Action title: Study visits to successful and innovative experiences		Start date: 02-2018	End date: 03-2018
	Action description: On the basis of the information compiled some examples will be identified to be organized an study visit by a delegation of the partnership. This action will include the contact with the promoters of those relevant initiatives, the coordination of the agenda and the travelling to the those territories, inside outside AA, whose initiatives could be interesting to learn more about them and are suitable for the AA participant territories.			
Deliverables	Outputs title:	Outputs description:	Indicators: 0#	Target:
	Expected results: 2 Study visits to successful and innovative experiences	Expected results description: 2 Study visits to successful and innovative experiences		
Action nr. 4	Action title: Mapping the geothermal potential		Start date: 10-2017	End date: 10-2018
	Action description: Under the leadership of ITER and its exploration methodology, and with collaboration of the rest of partners a jointly analysis of 3 territories in terms of geothermal potential for heat/cool and energy production will be carried out. It will be based in the previous studies made about the physical characteristics of these territories and other Geothermal maps, completing those other data necessary with this innovative technology.			
Deliverables	Outputs title:	Outputs description:	Indicators: PI01#3	Target:
	Expected results: 3 territories with a map of the geothermal potential	Expected results description: 3 territories with a map of the geothermal potential		
Action nr. 5	Action title: Work group on the jointly strategy for booting geothermal energy		Start date: 10-2017	End date: 10-2018
	Action description: To monitor all the progress and to identify those more suitable methodologies, tools, services and initiatives, based on the results and conclusions of the other actions, a work group will be set up, with online contact and meetings coinciding with meetings at WP1. Each tech partner will adviser in charge of 1 or 2 territories. It will enable and develop energy plans to implement at each local territory to boost the geothermal energy.			
Deliverables	Outputs title:	Outputs description:	Indicators: 0#	Target:
	Expected results:	Expected results description:		

WP Nr. 5	Activity	No	Duration in months	Activity start year and month	Activity end year and month	Activity budget
	ENER_CAPACITY: Developing skills in strategic actors		9	2018-02-01	2018-10-31	313,118.00€
Partners' involvement						
Partner responsible		10				
Partners involved		1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16				

This WP "ENER_CAPACITY" is aimed to the development of those skills necessary for the promotion of energy transition in local communities focused on the key stakeholders that can facilitate the energy model transition. Especially More technical skills so energy companies can provide services that take advantage of geothermal energy opportunities.

Under the leadership of Cork Institute of Technology a programme for training and advice at different levels will be elaborated. It will identify skills in the local academic and research environment with the aim of improving the skills of energy consumers/suppliers (prosumers) in the territory. Afterwards a call with publicity will be carried out at each territory to recruit participants by each partner.

At each territory will be offered training resources aimed at training the different agents related to local ecosystems for the promotion of renewable energy.

Training of decision makers and technicians from local administrations

Training for energy prescribers (architects, etc.)

Training for neighborhood associations

Training for energy service providers

Training for SMEs and potential prosumers

A joint programme will be agreed and agreed at the partnership meeting as well as those target groups participants. In order to avoid risks to implement the actions the programme will be also introduce and recruit with the support of each local action group. At the end at least 4 actions by each territory will be carried out.

Please describe actions (max. 4) and deliverables within the Activity (the system must allow create a maximum of 4 actions).				
Action nr. 1	Action title: Elaboration of the Programme for training and advice		Start date: 02-2018	End date: 06-2018
	Action description: Under the leadership of CIT a joint programme for training and advice will be concreted. It will be aimed to those strategic groups that can facilitate the transition to a new energy model in the local communities in the Atlantic Area. It will include the diverse skills necessary to know and aware about the geothermal potential in a practical format adapted to the general characteristics of each group (SMEs, energy providers,…)			
Deliverables	Outputs title: Document with the joint Programme for training and advice	Outputs description: Programme for training and advice	Indicators: 0#	Target:
	Expected results:	Expected results description:		
Action nr. 2	Action title: Call for participants and dissemination of the training actions		Start date: 05-2018	End date: 08-2018
	Action description: A simultaneous publicity campaign aimed to recruit the different agents to participate in the training actions will be carried out at each local territory. It will be made adapted to the programme designed at 5.1. At least at each territory will be planed 4 training actions, for diverse targets: general consumer, SMEs, energy provider, energy prescribers and decision makers. Each territorial partner will be in charge of its campaign.			
Deliverables	Outputs title: Publicity campaigns about the training actions	Outputs description: 8 publicity campaigns about the training actions	Indicators: PI04#8	Target:
	Expected results:	Expected results description:		
Action nr. 3	Action title: Training actions for the capacity building at local ecosystems		Start date: 09-2018	End date: 09-2018
	Action description: At each territory will be offered training resources aimed at training the different agents related to local ecosystems for the promotion of renewable energy: decision makers and technicians from local administrations, energy prescribers (architects, etc.),			

Please describe actions (max. 4) and deliverables within the Activity (the system must allow create a maximum of 4 actions).				
	neighbourhood associations, energy service providers, SMEs and potential prosumers. These actions will be in charge of territorial partners under the coordination of the LP. Trainers from tech partners and experts as subcontractor			
Deliverables	Outputs title: Training actions in each territory	Outputs description: 4 Training actions in each territory	Indicators: 0#480	Target:
	Expected results: local agentes with capacities built	Expected results description: 8*4*15 local agentes trained (SMEs, citizens, instititucions)		
Action nr. 4	Action title: Training resources for local capacity building in geothermal energy		Start date: 09-2018	End date: 10-2018
	Action description: 4 Kits for capacity building in geothermal energy will be made. They will include methodology, content and resources for each target group: general consumer, SMEs, energy provider, energy prescribers and decision makers. CIT will be in charge of their elaboration. They will include the improvement and lessons learnt after implementation of the actions. They will be available on the website in digital files in EN to facilitate to reach more public; each partner may translate into its language.			
Deliverables	Outputs title: Kits training resources for capacity building in geothermal energy	Outputs description: 4 Kits training resources for capacity building in geothermal energy for 4 key target groups	Indicators: PI04#1	Target:
	Expected results:	Expected results description:		

WP Nr. 6	Activity	No	Duration in months	Activity start year and month	Activity end year and month	Activity budget
	ENER_INNOVATION & BUSINESS. Technology transfer & new business for a geothermal energy sector		35	2017-10-01	2020-08-31	505,496.00€
Partners' involvement						
Partner responsible	2					
Partners involved	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16					

This WP is aimed to support another "ecosystem" which is key for boosting a geothermal energy supply in the AA. With this objective the actions to be implemented are addressed to gain competencies and capacities for facilitating research and technology transfer in order to strengthen the chain of the geothermal energy sector in the AA.
It will include also the entrepreneurship in the geothermal energy sector as a part of this WP to guarantee a supply.
The WP will be led by Energylab, with the support of the other technological partners.
A first action will be the identification of technologies with potential for the implementation in the participating territories, taking into account the resources and potential as well as the existing energy infrastructure. A portfolio of research results and technologies will be made.
Enhancing entrepreneurship associated with the geothermal energy value chain to strengthen pools of local energy companies/prosumers (installation, facility maintenance, etc.) that provide services to consumers and local businesses.
At the same time alliances and links with the technological and research centres and technological providers will be established, to facilitate the transfer to the market and the implementation at the different communities by technology transfer pilot actions.
A work group will be set up integrated by the experts of technological partners, aimed to guarantee the management and good quality of the actions.

Please describe actions (max. 4) and deliverables within the Activity (the system must allow create a maximum of 4 actions).				
Action nr. 1	Action title: Identification of technologies with potential for the AA		Start date: 10-2017	End date: 03-2018
	Action description: This action is aimed to the identification of technologies with potential for the implementation in the AA territories, taking into account the resources and potential as well as the existing energy infrastructure. Energylab will be in charge of this action with the support of the rest of tech partners to identify research results and technology which are already tested but not yet introduced at AA energy market.			
Deliverables	Outputs title: Portfolio of available technologies with potential to be transferred to market	Outputs description: Portfolio of available technologies with potential to be transferred to market	Indicators: PI02#1	Target:
	Expected results:	Expected results description:		
Action nr. 2	Action title: Alliances for technology transfer to boost geothermal sector		Start date: 04-2018	End date: 08-2020
	Action description: This action is aimed to the creation of alliances and links with the technological and research centres and technological providers, to facilitate the transfer to the market and the implementation at the different communities of technology transfer pilot actions. This action will be led by the LP with the collaboration of the tech partners. It will include the contact and collaboration with those technology suppliers already identified in the action 6.1			
Deliverables	Outputs title:	Outputs description:	Indicators: 0#	Target:
	Expected results: technology transfer experiences into the market of energy services	Expected results description: 4 technology transfer experiences promoted by the Project		
Action nr. 3	Action title: Fostering of entrepreneurship in the geothermal sector in AA		Start date: 04-2018	End date: 08-2020
	Action description: As a way to foster the geothermal energy sector this action is aimed to the creation of new companies for exploitation of the resources and the energy services provision. Entrepreneurship may be associated with the geothermal energy value chain: installation, facility maintenance, etc. that provide services to consumers and local businesses. It will consist in workshops and advise services for entrepreneurs at each territory, coordinated by the LP.			
Deliverables	Outputs title: Actions to support local entrepreneurship about geothermal energy business	Outputs description: Actions to support local entrepreneurship about geothermal energy business	Indicators: 0#8	Target:
	Expected results: Entrepreneurs in the sector of geothermal energy	Expected results description: 80 entrepreneurs who received advise and coaching		
Action nr. 4	Action title: Work group for innovation in the geothermal energy sector		Start date: 10-2017	End date: 08-2020
	Action description: To monitor all the progress and to monitor the process of transfer of technologies and support for entrepreneurship, a work group will be set up. The group will be made up by Energylab and the tech partners staff, in order to check the progress of the work plan in this WP, including the consolidation of the alliance and the coordination of the services for the SMEs and entrepreneurs. The face to face meetings will coincide with the partnership meetings.			

Please describe actions (max. 4) and deliverables within the Activity (the system must allow create a maximum of 4 actions).				
Deliverables	Outputs title: Face to face and online meetings	Outputs description: Face to face and online meetings	Indicators: OA1#8	Target:
	Expected results:	Expected results description:		

WP Nr. 7	Activity	No	Duration in months	Activity start year and month	Activity end year and month	Activity budget
	ENER_LOCAL ACTION demonstration and tractor initiatives towards energy transition		22	2018-11-01	2020-08-31	985,518.26€
Partners' involvement						
Partner responsible	1					
Partners involved	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16					

This WP is aimed to powering frameworks for geothermal energy boosting from the local administration and fostering demonstration and tractor initiatives towards energy transition. It will be led by the LP with the role of coordinator and each partner will be in charge of implementing a demonstrative project on its territory.
A technical support group for the Promotion of Local Energy Plans made up by the experts and technical partners. It will act as a technical support for those entities that will implement the demo actions during the whole implementation. It will identify synergies with other plans and initiatives in the territories and foster renewable energy mix for the sustainability of the demos. It will be made in narrow connection with the WP3 for capitalisation of results. This technical group will be in charge of the evaluation of the pilots to be implemented in order to guarantee a permanent quality and risks management as well.
Development and monitoring of demostrative projects in public buildings and installations. Each territorial partner will choose a building or district or infraestructure where they will implement a demonstrative project in order to be an example of the potential of the use of geothermal sources in the local community. To carry out this action the inputs from the other WPs will be taken into account, especially: 4.1, 4.4, 6.2

Please describe actions (max. 4) and deliverables within the Activity (the system must allow create a maximum of 4 actions).				
Action nr. 1	Action title: Technical support group for the Promotion of Local Energy Plans		Start date: 11-2018	End date: 08-2020
	Action description: Set up of a technical support group for the Promotion of Local Energy Plans made up by the experts and technical partners. It will act as a technical support for those entities that will implement the demo actions during the whole implementation. It will identify synergies with other plans and initiatives in the territories and fostering of renewable energy mix for the sustainability of the demos. It will be made in narrow connection with the WP3 for capitalisation of results.			
Deliverables	Outputs title:	Outputs description:	Indicators: 0#	Target:
	Expected result: Technical monitoring of the geothermal plans	Expected result description: Technical monitoring of the geothermal plans		
Action nr. 2	Action title: Implementation and monitoring of geothermal demonstrative projects		Start date: 11-2018	End date: 08-2020
	Action description: At each territory a demonstrative project will be implemented. Each territorial partner will select a location (building, installation, district..) and what (power, cool/heat) with the investment in equipment/infrastructure and external services necessary to implement the pilot. To carry out this action the inputs from the other WPs will be used in order to choose that experience that can be a model to be disseminated and integrated in more buildings/ districts in the future.			
Deliverables	Outputs title:	Outputs description:	Indicators: 0#	Target:
	Expected result: demostrative projects for the use of geothermal resources	Expected result description: 7 demostrative projects for the use of geothermal resources		

Please describe actions (max. 4) and deliverables within the Activity (the system must allow create a maximum of 4 actions).

6. BUDGET

6.1 Financing Plan by Partner

Partners	Programme Funding			Partner Contribution	External Contribution		Total Budget	Total Budget %	Part of Budget spent outside Programme Area		Other Fundings				Total Costs
	ERDF	Co-Financing Rate	ERDF %		Public Contribution	Private Contribution			Budget	% of Total	European Investiment Bank	Revenues generated by the project	Others	Total	
Partner n.º 1 - Concello de Ourense	327026.25€	75%		109008.75	0	0	436,035.00€		0	0.00%	0	0	0	0.00€	436,035.00€
					n.a.	n.a.			n.a.		n.a.	n.a.	n.a.		
Partner n.º 2 - Fundación Centro Tecnológico de Eficiencia y Sostenibilidad Energética	137506.89€	75%		45835.63	0	0	183,342.52€		0	0.00%	0	0	0	0.00€	183,342.52€
					n.a.	n.a.			n.a.		n.a.	n.a.	n.a.		
Partner n.º 3 - Instituto Tecnológico Y De Energías Renovables	159376.71€	75%		53125.57	0	0	212,502.28€		0	0.00%	0	0	0	0.00€	212,502.28€
					n.a.	n.a.			n.a.		n.a.	n.a.	n.a.		
Partner n.º 4 - Associação de Municipios da Cova da Beira	150039.21€	75%		50013.07	0	0	200,052.28€		0	0.00%	0	0	0	0.00€	200,052.28€
					n.a.	n.a.			n.a.		n.a.	n.a.	n.a.		
Partner n.º 5 - Universidade do Porto	150173.70€	75%		50057.90	0	0	200,231.60€		0	0.00%	0	0	0	0.00€	200,231.60€
					n.a.	n.a.			n.a.		n.a.	n.a.	n.a.		
Partner n.º 6 - Islay Energy Trust	225594.21€	75%		75198.07	0	0	300,792.28€		0	0.00%	0	0	0	0.00€	300,792.28€
					n.a.	n.a.			n.a.		n.a.	n.a.	n.a.		
Partner n.º 7 - Argyll, Lomond and the Islands Energy	225594.21€	75%		75198.07	0	0	300,792.28€		0	0.00%	0	0	0	0.00€	300,792.28€
					n.a.	n.a.			n.a.		n.a.	n.a.	n.a.		

Partners	Programme Funding			Partner Contribution	External Contribution		Total Budget	Total Budget %	Part of Budget spent outside Programme Area		Other Fundings				Total Costs
	ERDF	Co-Financing Rate	ERDF %		Public Contribution	Private Contribution			Budget	% of Total	European Investiment Bank	Revenues generated by the project	Others	Total	
Partner n.º 8 - Eden Project	212694.21€	75%		70898.07	0	0	283,592.28€		0	0.00%	0	0	0	0.00€	283,592.28€
					n.a.	n.a.			n.a.		n.a.	n.a.	n.a.		
Partner n.º 9 - Agence Locale de l'Energie et du Climat	163239.21€	75%		54413.07	0	0	217,652.28€		0	0.00%	0	0	0	0.00€	217,652.28€
					n.a.	n.a.			n.a.		n.a.	n.a.	n.a.		
Partner n.º 10 - Cork Institute of Technology	149919.21€	75%		49973.07	0	0	199,892.28€		0	0.00%	0	0	0	0.00€	199,892.28€
					n.a.	n.a.			n.a.		n.a.	n.a.	n.a.		
Partner n.º 11 - European Heat Pump Association	76344.21€	75%		25448.07	0	0	101,792.28€		101519.52	99.73%	0	0	0	0.00€	101,792.28€
					n.a.	n.a.			n.a.		n.a.	n.a.	n.a.		
Partner n.º 12 - Associação das Agências de Energia e Ambiente (Rede Nacional)	0.00€	75%		0	0	0	0.00€		0		0	0	0	0.00€	0.00€
Partner n.º 13 - EDA RENOVÁVEIS, S.A.	173094.21€	75%		57698.07	0	0	230,792.28€		0	0.00%	0	0	0	0.00€	230,792.28€
					n.a.	n.a.			n.a.		n.a.	n.a.	n.a.		
Partner n.º 14 - Secretaria Regional da Energia, Ambiente e Turismo	0.00€	75%		0	0	0	0.00€		0		0	0	0	0.00€	0.00€
Partner n.º 15 - Câmara Municipal da Ribeira Grande	0.00€	75%		0	0	0	0.00€		0		0	0	0	0.00€	0.00€
Partner n.º 16 - Câmara Municipal da Povoação	0.00€	75%		0	0	0	0.00€		0		0	0	0	0.00€	0.00€
Total	2,150,602.2	75.00%		716,867.41€	0.00€	0.00€	2,867,469.64€		101,519.52€	3.54%	0.00€	0.00€	0.00€	0.00€	2,867,469.64€

6.2 Budget explanation

6.2.1 Explain the budget preparation methodology (main assumptions and justifications)	The partners have drawn up the Budget taking into account cost effectiveness, efficiency and scale economies in order to achieve the project's objectives and results. The main assumptions to build the budget breakdown are: responsibilities of each partner in the different WPs and actions of the project; capacity of each partner to carry out the activities using their own human resources and expertise; project requirements in order to obtain the established outputs and results.
6.2.2 Explain the partners involvement in the preparation of the budget	The partners have provided particular information for the preparation of the budget: number of people, labour costs and personnel dedications necessary for carrying out the activities, and cost estimates for external services. Also the initial draw up and final revision of each individual budget in collaboration with the Lead Partner and the final review of the overall budget to optimise project costs and achieve maximum effectiveness and efficiency.
6.2.3 If applicable, explain the investment budget (under budget lines: equipment/small infrastructures and works):	In the WP7 ENER_LOCAL ACTION demonstration and tractor initiatives towards energy transition will be carried out. Based on the results of the previous WPs the network of partners will implement in 7 participating territories demonstration projects. The partners involved are Concello de Ourense, AMCB, Islay Energy Trust, Alienergy, Eden Project, ALEC and EDA Renovaveis. To carry out the demonstration projects the partner will make investment in the application of the optimal geothermal technology to produce heating/cooling or electricity at public places. To implement the project it is foreseen budget to buy equipment and a small infrastructure to install the necessary exploitation installation. The projects will be part of the transnational network, with the support of the technical partners by action 7.1 Technical support group for the Promotion of Local Energy Plans. The investment will propierty of these territorial partners and its use will not change after project's ending.
6.2.4 Explain how the value for money will be ensured, i.e. how do you will reach the most advantageous combination of cost, quality and sustainability to meet project achievements?	Value for money will be ensured considering each time the optimal use of resources to achieve the intended outcomes. The project will be regularly monitored and it will be part of the Risk management, monitoring and control (a.1.3). The measures to obtain the best balance between the "three E's" are: economy: the partners will try to spend less and competitive processes will be established in the project's procurement procedures, especially for subcontracting. Cost control will be mandatory. Effectiveness: ensuring that at all times, the project is really focused on the expected results and on the impact, which will be part of the monitoring and evaluation of the project. Efficiency: making sure the project is focused on outcomes ensuring synergies of partner's work, and making an optimal use of the resources assigned to the project.
6.2.5 Complementary information	n.a.

6.3 Budget Plan per Partner, Work Package and Year

Partners	Year														Total
	2017	%	2018	%	2019	%	2020	%	2021	%	2022	%	2023	%	
Partner n.º 1 - Concello de Ourense	72174.22	16.55%	122942.28	28.20%	126690.38	29.06%	114228.12	26.20%	0	0.00%	0	0.00%	0	0.00%	436,035.00€
Partner n.º 2 - Fundación Centro Tecnológico de Eficiencia y Sostenibilidad Energética	21154.54	11.54%	76948.23	41.97%	41092.47	22.41%	44147.28	24.08%	0	0.00%	0	0.00%	0	0.00%	183,342.52€
Partner n.º 3 - Instituto Tecnológico Y De Energías Renovables	24635.88	11.59%	103146	48.54%	42278	19.90%	42442.40	19.97%	0	0.00%	0	0.00%	0	0.00%	212,502.28€
Partner n.º 4 - Associação de Municipios da Cova da Beira	5139.52	2.57%	39312	19.65%	77936.76	38.96%	77664	38.82%	0	0.00%	0	0.00%	0	0.00%	200,052.28€

Partners	Year														Total
	2017	%	2018	%	2019	%	2020	%	2021	%	2022	%	2023	%	
Partner n.º 5 - Universidade do Porto	17007.12	8.49%	100592.58	50.24%	43849.65	21.90%	38782.25	19.37%	0	0.00%	0	0.00%	0	0.00%	200,231.60€
Partner n.º 6 - Islay Energy Trust	16846.68	5.60%	115366	38.35%	83408	27.73%	85171.60	28.32%	0	0.00%	0	0.00%	0	0.00%	300,792.28€
Partner n.º 7 - Argyll, Lomond and the Islands Energy	13479.28	4.48%	85230	28.34%	108050	35.92%	94033	31.26%	0	0.00%	0	0.00%	0	0.00%	300,792.28€
Partner n.º 8 - Eden Project	21810.68	7.69%	130564	46.04%	68628	24.20%	62589.6	22.07%	0	0.00%	0	0.00%	0	0.00%	283,592.28€
Partner n.º 9 - Agence Locale de l'Energie et du Climat	10928.68	5.02%	85755	39.40%	64593	29.68%	56375.6	25.90%	0	0.00%	0	0.00%	0	0.00%	217,652.28€
Partner n.º 10 - Cork Institute of Technology	12632	6.32%	111068.56	55.56%	37156.6	18.59%	39035.12	19.53%	0	0.00%	0	0.00%	0	0.00%	199,892.28€
Partner n.º 11 - European Heat Pump Association	8061.92	7.92%	45182	44.39%	23746	23.33%	24802.36	24.37%	0	0.00%	0	0.00%	0	0.00%	101,792.28€
Partner n.º 12 - Associação das Agências de Energia e Ambiente (Rede Nacional)	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0.00€
Partner n.º 13 - EDA RENOVÁVEIS, S.A.	14431.66	6.25%	70839.51	30.69%	69817.84	30.25%	75703.27	32.80%	0	0.00%	0	0.00%	0	0.00%	230,792.28€
Partner n.º 14 - Secretaria Regional da Energia, Ambiente e Turismo	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0.00€
Partner n.º 15 - Câmara Municipal da Ribeira Grande	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0.00€
Partner n.º 16 - Câmara Municipal da Povoação	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0.00€
Total	238,302.18€	8.31%	1,086,946.16€	37.91%	787,246.70€	27.45%	754,974.60€	26.33%	0.00€	0.00%	0.00€	0.00%	0.00€	0.00%	2,867,469.64€

6.4 Line Budget plan by partner and budget line

Partners	Budget Line														Total
	PREPARION COSTS	STAFF FLAT RATE	STAFF	%	OFFICE AND ADMINISTRATIVE	%	TRAVEL AND ACCOMODATION	%	EXTERNAL EXPERTISE AND SERVICES	%	EQUIPMENT	%	SMALL INFRASTRUCTURE AND WORKS	%	
Partner n.º 1 - Concello de Ourense	10285.30	0	122000	27.98%	18300	4.20%	4850	1.11%	194599.70	44.63%	28000	6.42%	58000	13.30%	436,035.00€
Partner n.º 2 - Fundación Centro Tecnológico de Eficiencia y Sostenibilidad Energética	519.51	0	108998.48	59.45%	16349.77	8.92%	20074.76	10.95%	37400	20.40%	0	0.00%	0	0.00%	183,342.52€
Partner n.º 3 - Instituto Tecnológico Y De Energías Renovables	519.52	0	120000	56.47%	18000	8.47%	22582.76	10.63%	23400	11.01%	28000	13.18%	0	0.00%	212,502.28€

Partners	Budget Line														Total
	PREPARION COSTS	STAFF FLAT RATE	STAFF	%	OFFICE AND ADMINISTRATIVE	%	TRAVEL AND ACCOMODATION	%	EXTERNAL EXPERTISE AND SERVICES	%	EQUIPMENT	%	SMALL INFRASTRUCTURE AND WORKS	%	
Partner n.º 4 - Associação de Municipios da Cova da Beira	519.52	1	33255.46	16.62%		0.00%	6727.30	3.36%	70550	35.27%	24000	12.00%	65000	32.49%	200,052.28€
Partner n.º 5 - Universidade do Porto	519.51	0	118225.50	59.04%	17733.83	8.86%	8352.76	4.17%	39400	19.68%	16000	7.99%	0	0.00%	200,231.60€
Partner n.º 6 - Islay Energy Trust	519.52	0	180000	59.84%	27000	8.98%	17272.76	5.74%	43000	14.30%	8000	2.66%	25000	8.31%	300,792.28€
Partner n.º 7 - Argyll, Lomond and the Islands Energy	519.52	0	150000	49.87%	22500	7.48%	12272.76	4.08%	25500	8.48%	9000	2.99%	81000	26.93%	300,792.28€
Partner n.º 8 - Eden Project	519.52	0	120000	42.31%	18000	6.35%	8672.76	3.06%	64400	22.71%	12000	4.23%	60000	21.16%	283,592.28€
Partner n.º 9 - Agence Locale de l'Energie et du Climat	519.52	0	130000	59.73%	19500	8.96%	5232.76	2.40%	46400	21.32%	16000	7.35%	0	0.00%	217,652.28€
Partner n.º 10 - Cork Institute of Technology	519.52	0	118000	59.03%	17700	8.85%	22672.76	11.34%	18000	9.00%	23000	11.51%	0	0.00%	199,892.28€
Partner n.º 11 - European Heat Pump Association	519.52	0	60000	58.94%	9000	8.84%	12272.76	12.06%	20000	19.65%	0	0.00%	0	0.00%	101,792.28€
Partner n.º 12 - Associação das Agências de Energia e Ambiente (Rede Nacional)	0	0	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0.00€
Partner n.º 13 - EDA RENOVÁVEIS, S.A.	519.52	0	37602.4	16.29%	5640.36	2.44%	12870.65	5.58%	135093.35	58.53%	39066	16.93%	0	0.00%	230,792.28€
Partner n.º 14 - Secretaria Regional da Energia, Ambiente e Turismo	0	0	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0.00€
Partner n.º 15 - Câmara Municipal da Ribeira Grande	0	0	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0.00€
Partner n.º 16 - Câmara Municipal da Povoação	0	0	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0.00€
Total	16,000.00€	1,298,081.84€	1,298,081.84€	45.27%	189,723.96€	6.62%	153,854.79€	5.37%	717,743.05€	25.03%	203,066.00€	0.00%	289,000.00€	10.08%	2,867,469.64€

6.5 Budget plan by partner and workpackage

Partners	Work Package																		Total
	WP0-Project Preparation	%	WP1-Project Coordination	%	WP2-Communication	%	WP3-Capitalization	%		%		%		%		%		%	
Partner n.º 1 - Concello de Ourense	10285.30	2.36%	82074	18.82%	49124	11.27%	24496	5.62%	38294	8.78%	24029.70	5.51%	36030	8.26%	171702	39.38%			436,035.00€
Partner n.º 2 - Fundación Centro Tecnológico de Eficiencia y Sostenibilidad Energética	519.51	0.28%	38143.28	20.80%	9651.88	5.26%	4404.12	2.40%	30459.83	16.61%	23654.48	12.90%	39338.16	21.46%	37171.26	20.27%			183,342.52€

Partners	Work Package																		Total
	WP0-Project Preparation	%	WP1-Project Coordination	%	WP2-Communication	%	WP3-Capitalization	%		%		%		%		%		%	
Partner n.º 3 - Instituto Tecnológico Y De Energías Renovables	519.52	0.24%	13882.76	6.53%	5060	2.38%	6480	3.05%	72960	34.33%	31080	14.63%	33120	15.59%	49400	23.25%			212,502.28€
Partner n.º 4 - Associação de Municipios da Cova da Beira	519.52	0.26%	12872.76	6.43%	10200	5.10%	9600	4.80%	11700	5.85%	14400	7.20%	15360	7.68%	125400	62.68%			200,052.28€
Partner n.º 5 - Universidade do Porto	519.51	0.26%	14091.95	7.04%	5019.19	2.51%	6398.37	3.20%	58142.91	29.04%	24315.12	12.14%	54630.25	27.28%	37114.30	18.54%			200,231.60€
Partner n.º 6 - Islay Energy Trust	519.52	0.17%	18412.76	6.12%	22420	7.45%	14420	4.79%	47400	15.76%	31340	10.42%	50480	16.78%	115800	38.50%			300,792.28€
Partner n.º 7 - Argyll, Lomond and the Islands Energy	519.52	0.17%	19222.76	6.39%	13350	4.44%	10850	3.61%	36500	12.13%	22700	7.55%	26150	8.69%	171500	57.02%			300,792.28€
Partner n.º 8 - Eden Project	519.52	0.18%	17032.76	6.01%	11160	3.94%	6480	2.28%	83400	29.41%	31320	11.04%	34080	12.02%	99600	35.12%			283,592.28€
Partner n.º 9 - Agence Locale de l'Energie et du Climat	519.52	0.24%	14902.76	6.85%	16370	7.52%	9250	4.25%	30940	14.22%	23940	11.00%	45930	21.10%	75800	34.83%			217,652.28€
Partner n.º 10 - Cork Institute of Technology	519.52	0.26%	20586.76	10.30%	4114	2.06%	6388	3.20%	40568	20.29%	58852	29.44%	24426	12.22%	44438	22.23%			199,892.28€
Partner n.º 11 - European Heat Pump Association	519.52	0.51%	14752.76	14.49%	14280	14.03%	18060	17.74%	12080	11.87%	17940	17.62%	15180	14.91%	8980	8.82%			101,792.28€
Partner n.º 12 - Associação das Agências de Energia e Ambiente (Rede Nacional)	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %			0.00€
Partner n.º 13 - EDA RENOVÁVEIS, S.A.	519.52	0.23%	13962.43	6.05%	9546.71	4.14%	8285.93	3.59%	9546.7	4.14%	9546.7	4.14%	130771.59	56.66%	48612.7	21.06%			230,792.28€
Partner n.º 14 - Secretaria Regional da Energia, Ambiente e Turismo	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %			0.00€
Partner n.º 15 - Câmara Municipal da Ribeira Grande	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %			0.00€
Partner n.º 16 - Câmara Municipal da Povoação	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %			0.00€
Total	16,000.00€	0.56%	279,937.74€	9.76%	170,295.78€	5.94%	125,112.42€	4.36%	471,991.44€	16.46%	313,118.00€	10.92%	505,496.00€	17.63%	985,518.26€	34.37%			2,867,469.64€

6.6 Complementary information

6.6.1 In Kind Contribution			
Partners	Budget	% of Total Budget	Explanation
Partner n.º 1 - Concello de Ourense			
Partner n.º 2 - Fundación Centro Tecnológico de Eficiencia y Sostenibilidad Energética			
Partner n.º 3 - Instituto Tecnológico Y De Energías Renovables			

6.6.1 In Kind Contribution			
Partners	Budget	% of Total Budget	Explanation
Partner n.º 4 - Associação de Municipios da Cova da Beira			
Partner n.º 5 - Universidade do Porto			
Partner n.º 6 - Islay Energy Trust			
Partner n.º 7 - Argyll, Lomond and the Islands Energy			
Partner n.º 8 - Eden Project			
Partner n.º 9 - Agence Locale de l'Energie et du Climat			
Partner n.º 10 - Cork Institute of Technology			
Partner n.º 11 - European Heat Pump Association			
Partner n.º 12 - Associação das Agências de Energia e Ambiente (Rede Nacional)			
Partner n.º 13 - EDA RENOVÁVEIS, S.A.			
Partner n.º 14 - Secretaria Regional da Energia, Ambiente e Turismo			
Partner n.º 15 - Câmara Municipal da Ribeira Grande			
Partner n.º 16 - Câmara Municipal da Povoação			

6.6.2 Physical Investment						
ID	Name of the organization	Investment Title	Investment Budget	Technical Description and justification	Investment requirements	Ownership and durability

Output Indicators

Outputs	Work Package
	Target value
Internal project meetings and events	16
Project reports	12
Project reports	489
Number of participants in actions for the dissemination and capitalisation of results	4160
Number of actions for the dissemination and capitalisation of results	30
Project newsletters and other information documents	1
Number of policy, strategy and operational instruments produced	8
Additional capacity of renewable energy production	30
Number of technical and scientific publications produced	3
Number of case studies and pilot actions implemented	3

Reports Delivering Chronogram

Year	Reports	With payment claim / Without payment claim	Date expected to be deliver	Total amount expected to be claim
2018	1º Half Report		2018-03-01	
2018	2º Half Report		2018-09-01	
2019	1º Half Report		2019-03-01	
2019	2º Half Report		2019-09-01	
2020	1º Half Report		2020-03-01	
2020	2º Half Report		2020-09-01	