

Project Approved Form	
1. Project identification	
Project Change n°	2
Date of approval by the Monitoring Committee	
1.0 Code number	EAPA_87/2016
1.1 Acronym	
1.1.1 Acronym	SEA-TRACES
1.1.2 Project email address	
1.2 Programme Priority	
1.2.1 Programme priority	Innovation
1.2.2 Programme specific objective	1.1. Enhancing innovation capacity through corporation to foster competitiveness
1.2.3 Fields of intervention	(1000) , (5000) , (2000) , (1000) , (500) , (500)
1.3 Total budget	
1.3.1 ERDF	2,645,181.31€
1.3.2 Partners contribution	897,223.19€
1.3.3 Eligibles costs	3,542,404.50€
1.3.4 Total costs	3,558,468.50€
1.4 Title	<p>EN: Smart Traceability and Labeling ToolBox for a Sustainable Seafood Production</p> <p>ES: Herramientas inteligentes de trazabilidad y etiquetado para una producción pesquera sostenible</p> <p>FR: Outils intelligents de traçabilité et d'étiquetage pour la production durable de produits de la mer</p> <p>PT: Ferramentas inteligentes de rastreabilidade e rotulagem para uma produção sustentável de pescado</p>
1.5 Project duration	
1.5.1 Start date	2018-01-01
1.5.2 End date	2021-06-30
1.5.3 Project duration in months	42
1.6 Project background	
1.6.0 Project has started	0
1.6.1 Project based on previous AA projects?	1
1.6.2 If the project is based on previous AA projects, please detail how it builds on from results of such previous projects	<p>EN: LABELFISH detected seafood traceability and labeling(T&L) issues in AA:lack of harmonized control tools and consumers' awareness,reluctance of industry.SEA-TRACES will develop SOPs and tools to combat fraud;involve</p>

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	<p>consumers to overcome the weakness on T&L and stakeholders to use ICT systems for T&L</p> <p>ES:</p> <p>FR:</p> <p>PT:</p>
1.6.3 Project based on other programmes/policies results?	1
1.6.4 If the project is based on other programmes/policies results, please detail	<p>EN:</p> <p>The project is based partially on a wide experience of partners with previous framework programme Projects dealing with fish species or stock identification studies. It also takes into consideration EU food labeling policy and EC 1379/2013 requiring new information in seafood products from 12-2014.</p> <p>ES:</p> <p>FR:</p> <p>PT:</p>
1.6.5 Have you applied for the same project for another EU funding programmes?	0
1.6.6 If yes, explain which programmes	<p>EN:</p> <p>N.A.</p> <p>ES:</p> <p>FR:</p> <p>PT:</p>
1.6.7 Have you ever been beneficiaries of the Atlantic Area Programme?	1
1.6.8 If yes, explain which projects	<p>EN:</p> <p>LABELFISH (Partners 1-5), BIOTECMAR (Partners 2,3,6), MARMED (Partner 1), PRESPO (Partner 2), NETALGAE (Partner 3)</p> <p>ES:</p> <p>FR:</p> <p>PT:</p>
1.7 MONITORING COMMITTEE STAGE 2 recommendations if any	<p>EN:</p> <p>ES:</p> <p>FR:</p> <p>PT:</p>
1.8 MONITORING COMMITTEE STAGE 2 Conditions for approval if any	<p>EN:</p> <p>1) Differences between SEA-TRACES and LABELFISH have been explicitly remarked in Section 4.3.1, together with the main new deliverables and impacts. Differences have also been highlighted in the description of WPs, stating the innovative aspects of SEA-TRACES. 2) As it is now stated in WP4, WP5 and section 4.9, the competency of fighting against fraud in seafood products lies with control authorities. SEA-TRACES outcomes will provide these actors with all the tools, knowledge and skills to implement effective control plans on ST&L. The involvement of such authorities in the project (P17, P18 and P19) will ensure the uptake of SEA-TRACES outcomes. 3) Further explanations about the allocation of budget have been included in Section 6.2.5. The revision of the budget has been addressed resulting in a slight reduction of the Lead Partner's budget. Also, preparation costs have</p>

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been reduced as requested by the AAP. 4) WP3 has been fully reviewed to highlight the fact that capitalization of results is addressed in every WP and centralized in WP3. It's been highlighted throughout the proposal that capitalization is directed to AA regions control laboratories (WP4 and WP5), consumers (WP6) and stakeholders, focusing in artisanal fisheries and bivalves culture (WP7). All of them have a connection with actions in improved WP3. New approaches have been included to improve their scope and impact, such as including meetings with seafood producers organizations and contact with the CoR.

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

2017-09-20

1.9.3.2 Project start declaration file

Anx_21561/2017

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

2017-10-02

1.9.4.2 Solvability documents

Anx_22413/2017

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

Partner number	Entity	Position	Country	Region	New partner	Suspended
1	Agencia Estatal Consejo Superior de Investigaciones Científicas	1	Spain	Galicia	No	No
2	Instituto Português do Mar e da Atmosfera, I.P.	2	Portugal	Lisboa	No	No
3	Indigo Rock Marine Research Station	2	Ireland	Southern and Eastern	No	No

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Partner number	Entity	Position	Country	Region	New partner	Suspended
4	The University of Salford	2	United Kingdom	Greater Manchester	No	No
5	Max Rubner-Institut	2	Germany	DEF02 Kiel, Kreisfreie Stadt (Schleswig – Holstein)	No	No
6	Muséum National D' Histoire Naturelle	2	France	Bretagne	No	No
7	The University Court of the University of Aberdeen	2	United Kingdom	North Eastern Scotland (UKM50, Aberdeen and Aberdeenshire)	No	No
8	Exporsado, Comércio e indústria de productos do mar	2	Portugal	Lisboa	No	No
9	Consello Regulador do Mexillón de Galicia	2	Spain	Galicia	No	No
10	Fundación AZTI – AZTI Fundazioa	2	Spain	País Vasco	No	No
11	Xunta de Galicia	3	Spain	Galicia	No	No
12	Marine Stewardship Council	3	United Kingdom	London	No	No
13	Sea-Fisheries Protection Authority	3	Ireland	Border, Midland and Western	No	No
14	Department for Environment, Food and Rural Affairs (DEFRA)	3	United Kingdom	London	No	No
15	Keohane Seafoods	3	Ireland	Southern and Eastern	No	No
16	Ministerio de Agricultura y Pesca, Alimentación y Medio Ambiente	3	Spain	Comunidad de Madrid	Yes	No
17	Centro Investigación y Control de Calidad. Agencia Española Consumo, Seguridad Alimentaria y Nutrición	3	Spain	Comunidad de Madrid	Yes	No

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Partner number	Entity	Position	Country	Region	New partner	Suspended
18	European Commission, Directorate General Joint Research Centre	3	Belgium	Arrondissement of Turnhout	Yes	No
19	Service Commun des Laboratoires	3	France	Bouches-du-Rhône	Yes	No
20	Liverpool John Moores University	2	United Kingdom	Merseyside	Yes	No

2.0 Partner number	1
2.1 Position in the partnership	Lead partner
2.2 Entity	
2.2.1 Organization acronym when applicable	CSIC
2.2.2 Organization name	Agencia Estatal Consejo Superior de Investigaciones Científicas
2.2.3 Organization name in English	State Agency Higher Council for Scientific Research
2.2.4 Department	Instituto de Investigaciones Marinas (IIM-CSIC)
2.2.5 Type of organization	Research and innovation organisations
2.2.6 Legal status	Public body
2.2.7 Tax ID	Q2818002D
2.2.7.1 VAT recovery	1
2.2.7.2 If YES explain how?	EN: Pro-rata VAT method. Yearly calculation of the VAT recovery, the figure in 2016 was 72%. ES: FR: PT:
2.2.7.3 VAT statement	Anx_21566/2017
2.2.8 Website	https://www.iim.csic.es/
2.2.9 Size of the organization (employees)	15059
2.3 Location	
2.3.1 Country	Spain
2.3.2 Sub-Region (NUTS3)	Galicia
2.3.3 City	Vigo
2.3.4 Address	C/ Eduardo Cabello, no.6, Vigo (Spain)
2.4 Partner profile	
2.4.1 Partner skills	EN: IIM-CSIC has experience in RTD activities, participation and coordination of EU projects. IIM-CSIC led AAP Labelfish, dealing with seafood traceability

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	<p>and labeling. IIM-CSIC has expertise in analytical techniques for identification and authentication of fish species and seafood chemical analysis</p> <p>ES: FR: PT:</p>
2.4.2 Transnational experience	<p>EN: IIM-CSIC has led from 1990 the following EU funded projects: FAIR CT-97-3061 (DNAIS) (1997); BEFAIR LIFE (2005); INTERREG Atlantic Area Programme (INTERREG IVB) 2011-1/163 (LABELFISH) (2012); LIFE13 ENV/ES/000131 (iSEAS) (2014). Also participated in: 5 FP projects, 1 innovative action, 5 Interreg.</p> <p>ES: FR: PT:</p>
2.4.3 Role in the project	<p>EN: Proposal Coordinator, Lead Partner of the project and WP leader of WP0, WP1 and WP2. CSIC participates in all the project activities and Management bodies.</p> <p>ES: FR: PT:</p>
2.4.4 Describe the activities that your organisation is going to implement in the project	<p>EN: IIM-CSIC will participate in: Coordination of overall project, WP leader in WP0, WP1 and WP2. Also IIM-CSIC will chair AB, R&QC and SC. Strong involvement in WP3, establishment of agreement with JRC, creation of network and stakeholders. Development of reliable standardized authentication methods for the control of traceability and labelling (WP4). Participation in WP5, specifically in A5.1 and 5.2, providing resources, designing of FISH FIT, participation in A5.4. Participation in the organization of consumers association workshop, and also industry-consumer, to design a common strategy to improve knowledge about traceability and labeling (WP6). Analysis of current situation of traceability and labeling of seafood products in Spain (WP7). Participation in the organization of the work on evaluation of strategies for creating value in the seafood sector based on improvements on labeling and traceability performance in Galicia (WP7).</p> <p>ES: FR: PT:</p>
2.5 Contact person	
2.5.1 Name	Carmen González Sotelo
2.5.2 Email	carmen@iim.csic.es
2.5.3 Phone	+34986231930
2.5.4 Address	C/ Eduardo Cabello, no.6
2.5.5 Post code	36208
2.5.6 City	Vigo
2.5.7 Country	Spain

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2.6 Legal representative	
2.6.1 Name	Jesús Marco de Lucas
2.6.2 Email	vicyt@csic.es
2.6.3 Phone	+34915681568
2.6.4 Address	C/ Serrano, 117
2.6.5 Post code	28006
2.6.6 City	Madrid
2.6.7 Country	Spain
2.6.8 Date of entering into functions	2017-12-13
2.6.9 Probative document of the Legal representative	Anx_21567/2017 Anx_2217/2018
2.7 Bank account	
2.7.1 IBAN	ES07 9000 0001 2002 2000 0047
2.7.2 SWIFT	ESPBESMM
2.7.3 Bank	Banco de España
2.7.4 Bank Account Owner	Agencia Estatal Consejo Superior de Investigaciones Científicas
2.7.5 Bank Account Country	Spain
2.7.6 DTCC Code	
2.7.7 Bank Statement	Anx_21569/2017
2.8 Co-financing declaration	
2.8.1 Document date	2017-09-20
2.8.2 Co-financing declaration	Anx_21565/2017
2.9 State aid declaration	
2.9.1 Date	2017-09-15
2.9.2 State Aid Declaration	Anx_21568/2017
2.0 Partner number	2
2.1 Position in the partnership	Partner
2.2 Entity	
2.2.1 Organization acronym when applicable	IPMA
2.2.2 Organization name	Instituto Português do Mar e da Atmosfera, I.P.
2.2.3 Organization name in English	Portuguese Institute for Sea and Atmosphere, P.I.
2.2.4 Department	Departamento do Mar e Recursos Marinhos
2.2.5 Type of organization	Research and innovation organisations
2.2.6 Legal status	Public body
2.2.7 Tax ID	510265600
2.2.7.1 VAT recovery	1

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2.2.7.2 If YES explain how?	EN: Pro-rata VAT method. Partner can recover the 11% of the VAT based on a pro-rata method. ES: FR: PT:
2.2.7.3 VAT statement	Anx_27037/2017 Anx_21574/2017
2.2.8 Website	https://www.ipma.pt
2.2.9 Size of the organization (employees)	417
2.3 Location	
2.3.1 Country	Portugal
2.3.2 Sub-Region (NUTS3)	Lisboa
2.3.3 City	Lisboa
2.3.4 Address	Instituto Português do Mar e da Atmosfera, I.P. Rua Alfredo Magalhães Ramalho, 6. Lisbon
2.4 Partner profile	
2.4.1 Partner skills	EN: IPMA has a dedicated quality control laboratory for analysis of seafood products and is equipped to perform studies on labeling and traceability of seafood products. Qualification in traceability of seafood products has been validated through participation in four EU projects on this subject. ES: FR: PT:
2.4.2 Transnational experience	EN: IPMA has a long experience in national and international projects in cooperation with Universities and research institutions. Under the European Regional Development Fund, participated in project PRESPO (coordinator) and as partner in projects BIOTECMAR, ECOAQUA, MAIA, SEAFARI, MARMED and LABELFISH. ES: FR: PT:
2.4.3 Role in the project	EN: Full Partner, member of AB and leader of WP3 for Capitalization of results. IPMA ensures the implementation of research activities dedicated to the improvement of value creation in the seafood sector and development of harmonized techniques for the control of genetic traceability and labeling. ES: FR: PT:
2.4.4 Describe the activities that your organisation is going to implement in the project	EN: Participation in: Organisation of a Travelling Exhibition and dissemination activities in Portugal (WP2). Coordination of actions for capitalization of results (WP3) and member of AB. Development of reliable standardized

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	<p>authentication methods for control of traceability and labeling (WP4). Participation in the development of FISH FIT identification tool (WP5). Participation in transnational consumers survey and organization of Seafood Industry Associations and Consumers meeting (WP6). Analysis of current situation of traceability and labeling of seafood products in Portugal (WP7). Development and socio-economic evaluation of strategies for creating value in the seafood sector based on improvements on labeling and traceability performance (WP7). IPMA also guarantees the follow up and management of the activities in which it participates (WP1).</p> <p>ES: FR: PT:</p>
2.5 Contact person	
2.5.1 Name	Rogério da Silva Oliveira Mendes
2.5.2 Email	rogerio@ipma.pt
2.5.3 Phone	+351213027036
2.5.4 Address	Instituto Português do Mar e da Atmosfera, I.P. Rua Alfredo Magalhães Ramalho, 6
2.5.5 Post code	1495-006
2.5.6 City	Lisbon
2.5.7 Country	Portugal
2.6 Legal representative	
2.6.1 Name	Jorge Miguel Alberto Miranda
2.6.2 Email	miguel.miranda@ipma.pt
2.6.3 Phone	+351218447010
2.6.4 Address	Instituto Português do Mar e da Atmosfera, I.P. Rua C do Aeroporto de Lisboa
2.6.5 Post code	1749 – 077
2.6.6 City	Lisboa
2.6.7 Country	Portugal
2.6.8 Date of entering into functions	2013-01-17
2.6.9 Probative document of the Legal representative	Anx_21573/2017
2.7 Bank account	
2.7.1 IBAN	PT50078101120112001238154
2.7.2 SWIFT	IGCPPTPL
2.7.3 Bank	AGÊNCIA DE GESTÃO DA TESOURARIA E DA DÍVIDA PÚBLICA
2.7.4 Bank Account Owner	Instituto Português do Mar e da Atmosfera, I.P.
2.7.5 Bank Account Country	Portugal
2.7.6 DTCC Code	Lisboa
2.7.7 Bank Statement	Anx_21570/2017 Anx_28724/2017

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2.8 Co-financing declaration	
2.8.1 Document date	2017-09-07
2.8.2 Co-financing declaration	Anx_21572/2017
2.9 State aid declaration	
2.9.1 Date	2017-09-15
2.9.2 State Aid Declaration	Anx_21571/2017
2.0 Partner number	3
2.1 Position in the partnership	Partner
2.2 Entity	
2.2.1 Organization acronym when applicable	INDIGO
2.2.2 Organization name	Indigo Rock Marine Research Station
2.2.3 Organization name in English	Indigo Rock Marine Research Station
2.2.4 Department	Marine Station
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	CHY18827
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_21580/2017 Anx_21576/2017
2.2.8 Website	www.indigorock.org
2.2.9 Size of the organization (employees)	5
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	Gearhies, Bantry
2.4 Partner profile	
2.4.1 Partner skills	EN: Research focussed on fish, shellfish and algal aquaculture, industry requirements or environmental monitoring. INDIGO performs pre-commercial research for aquaculture industry, having skills in transforming research into commercial reality, being intermediary between academia and end-users. ES: FR: PT:

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2.4.2 Transnational experience	<p>EN: INDIGO coordinated one Atlantic INTERREG project before (Netalgae) and has been a partner in two others (Biotecmar and Labelfish). In addition, INDIGO was a partner in “Ecofish” funded by the NPP INTERREG programme.</p> <p>ES: FR: PT:</p>
2.4.3 Role in the project	<p>EN: Full Partner of the project and leader of WP7 on strategies to create value from the results thus ensuring the long term sustainability of the project outputs. INDIGO will be heavily involved with engaging with consumers and other stakeholders through actions for dissemination and capitalization.</p> <p>ES: FR: PT:</p>
2.4.4 Describe the activities that your organisation is going to implement in the project	<p>EN: Follow up of activities participated and involvement in SC (WP1). Collaboration in dissemination actions (WP2), including Travelling Exhibition; participation in the design of logo, website and audiovisual material; dissemination; publication of press releases and collaboration with social media. Involvement in the development of consumers survey and participation in Meetings (WP6). Coordination of WP7 on the implementation of strategies for creating value and capitalization of the outcomes beyond the partnership and project’s lifetime (WP3). Evaluation of traceability and labeling in Ireland; assessment of case study with Irish Associated Partner (FML); development of new electronic tools to open up commercialization channels and transfer the solution on a pilot action; economic assessment on problems and benefits of traceability and labeling and evaluation of potential impact of developed strategies on Irish fishing communities.</p> <p>ES: FR: PT:</p>
2.5 Contact person	
2.5.1 Name	Julie Maguire
2.5.2 Email	jmaguire@bmrs.ie
2.5.3 Phone	+3532729180
2.5.4 Address	Gearhies, Bantry
2.5.5 Post code	P75 AX07
2.5.6 City	Cork
2.5.7 Country	Ireland
2.6 Legal representative	
2.6.1 Name	Daniel Tierney
2.6.2 Email	dtierney@iol.ie
2.6.3 Phone	+3532534002

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2.6.4 Address	Indigo Rock, Gearhies, Bantry
2.6.5 Post code	P75 AX07
2.6.6 City	Cork
2.6.7 Country	Ireland
2.6.8 Date of entering into functions	2018-12-11
2.6.9 Probative document of the Legal representative	Anx_18291/2019 Anx_18292/2019 Anx_21579/2017 Anx_21581/2017
2.7 Bank account	
2.7.1 IBAN	IE63 AIBK 9360 1407 5300 81
2.7.2 SWIFT	AIBKIE2D
2.7.3 Bank	ALLIED IRISH BANK, P.L.C.
2.7.4 Bank Account Owner	INDIGO ROCK MARINE RESEARCH CENTRE LTD.
2.7.5 Bank Account Country	Ireland
2.7.6 DTCC Code	
2.7.7 Bank Statement	Anx_21578/2017
2.8 Co-financing declaration	
2.8.1 Document date	2017-09-15
2.8.2 Co-financing declaration	Anx_21577/2017
2.9 State aid declaration	
2.9.1 Date	2017-09-15
2.9.2 State Aid Declaration	Anx_21575/2017
2.0 Partner number	4
2.1 Position in the partnership	Partner
2.2 Entity	
2.2.1 Organization acronym when applicable	USAL
2.2.2 Organization name	The University of Salford
2.2.3 Organization name in English	The University of Salford
2.2.4 Department	School of Environment and Life Sciences
2.2.5 Type of organization	Universities and higher education
2.2.6 Legal status	Public body
2.2.7 Tax ID	GB712463556
2.2.7.1 VAT recovery	0
2.2.7.2 If YES explain how?	EN: ES: FR: PT:

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2.2.7.3 VAT statement	Anx_21606/2017
2.2.8 Website	http://www.salford.ac.uk/
2.2.9 Size of the organization (employees)	2325
2.3 Location	
2.3.1 Country	United Kingdom
2.3.2 Sub-Region (NUTS3)	Greater Manchester
2.3.3 City	Salford
2.3.4 Address	Peel Building, The Crescent
2.4 Partner profile	
2.4.1 Partner skills	<p>EN: Biodiversity assessment; environmental management; Conservation of living resources, with particular emphasis on wild exploited biota. Molecular Genomics; Fisheries Science; Stock Identification; Seafood Traceability; environmental DNA.</p> <p>ES:</p> <p>FR:</p> <p>PT:</p>
2.4.2 Transnational experience	<p>EN: P.I. with 20 years of experience in scientific research, working in three different European countries. Involved in EU FP7, H2020, Interreg AA, European Science Foundation projects, ICES WGs. Supervised 10 postdocs, 15 PhD students (11 completed). Currently hosting a Marie Skłodowska Curie Fellow.</p> <p>ES:</p> <p>FR:</p> <p>PT:</p>
2.4.3 Role in the project	<p>EN: Full Partner with primary involvement to coordinate WP4 (Methods for the Control of Labeling and Traceability), which will involve developing, optimising and standardising techniques for Commercial Designation, Production Method, Durability and Catch area.</p> <p>ES:</p> <p>FR:</p> <p>PT:</p>
2.4.4 Describe the activities that your organisation is going to implement in the project	<p>EN: Follow up of activities participated and coordinated by USAL (WP1), involvement in the Steering Committee (SC). Collaboration in all dissemination actions (WP2), including the organization of a Travelling Exhibition in U.K., participation in the design of the logo, website and audiovisual material; scientific dissemination in conferences and publications on technical journals; publication of press releases and collaboration with social media. Participation in actions 1 and 2 for Capitalization of project outcomes (WP3): pilot implementation of the Virtual Reference Center and creation of SEA-TRACES network of expertise Coordination of WP4 actions for the development, validation and implementation of analytical methods for seafood authentication. Participation in every action of the WP5, including the building</p>

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	of databases and design of the FISH FIT tool. Organization of a training workshop about species authentication methods. ES: FR: PT:
2.5 Contact person	
2.5.1 Name	Stefano Mariani
2.5.2 Email	s.mariani@salford.ac.uk
2.5.3 Phone	+441612956913
2.5.4 Address	Peel Building, The Crescent
2.5.5 Post code	M5 4WT
2.5.6 City	Salford
2.5.7 Country	United Kingdom
2.6 Legal representative	
2.6.1 Name	Julie Charge
2.6.2 Email	j.charge@salford.ac.uk
2.6.3 Phone	+441612953634
2.6.4 Address	Maxwell Building, 43 The Crescent
2.6.5 Post code	M5 4WT
2.6.6 City	Salford
2.6.7 Country	United Kingdom
2.6.8 Date of entering into functions	2014-12-01
2.6.9 Probative document of the Legal representative	Anx_21609/2017
2.7 Bank account	
2.7.1 IBAN	GB43 LOYD 3095 4265 0500 60
2.7.2 SWIFT	LOYDGB21004
2.7.3 Bank	LLOYDS BANK PLC
2.7.4 Bank Account Owner	THE UNIVERSITY OF SALFORD
2.7.5 Bank Account Country	United Kingdom
2.7.6 DTCC Code	
2.7.7 Bank Statement	Anx_27284/2017 Anx_21610/2017
2.8 Co-financing declaration	
2.8.1 Document date	2017-09-14
2.8.2 Co-financing declaration	Anx_21607/2017
2.9 State aid declaration	
2.9.1 Date	2017-09-14
2.9.2 State Aid Declaration	Anx_21608/2017

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2.0 Partner number	5
2.1 Position in the partnership	Partner
2.2 Entity	
2.2.1 Organization acronym when applicable	MRI
2.2.2 Organization name	Max Rubner-Institut
2.2.3 Organization name in English	Max Rubner Institute
2.2.4 Department	Safety and Quality of Milk and Fish (MF)
2.2.5 Type of organization	Research and innovation organisations
2.2.6 Legal status	Public body
2.2.7 Tax ID	DE 811 393 840
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_22414/2017
2.2.8 Website	https://www.mri.bund.de/de/home/
2.2.9 Size of the organization (employees)	635
2.3 Location	
2.3.1 Country	Germany
2.3.2 Sub-Region (NUTS3)	DEF02 Kiel, Kreisfreie Stadt (Schleswig – Holstein)
2.3.3 City	Kiel
2.3.4 Address	Hermann-Weigmann-Straße 1
2.4 Partner profile	
2.4.1 Partner skills	EN: MRI research focuses on consumer health protection in the nutrition sector, advising Federal Ministry of Food and Agriculture in the area. MF Dept. has extensive expertise in fish authentication. U.Schröder participates in national working groups (BLE and DIN) to deal with standardization of methods ES: FR: PT:
2.4.2 Transnational experience	EN: MF-Scientists are present in national and international committees (CODEX, WEFTA) and working groups dealing with fish quality and authentication. Participation in international traceability projects as Fish Tracenet and Labelfish guarantees involvement in international development of new methods ES: FR:

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	PT:
2.4.3 Role in the project	<p>EN: MRI is a Full Partner (FP) with leadership role in the WP5. MF was partner in a national project (AutoMAT 2013-2015) in developing and establishing new fish species database. Experiences made can be valuable for forthcoming tasks in that WP. MRI will also take part in other different WP (see 2.4.4).</p> <p>ES: FR: PT:</p>
2.4.4 Describe the activities that your organisation is going to implement in the project	<p>EN: Follow up of activities participated and involvement in Steering Committee (WP1) Collaboration in WP2: design of logo, website and audiovisual material; organization of German Travelling Exhibition; workshops, conferences and scientific publications; press releases. Participation in Capitalization actions 1 and 2, with pilot launch of VRCSA (WP3). Participation in WP4 actions for: improvement of DNA-extraction-methods; development of fast and improved methods (qPCR and Microarray) for main seafood species; validation of SOP; geographic origin determination of fish and/or mussel species with stable isotopes analysis (J. Molkentin); implementation of validated SOPs in control labs. Coordination of WP5: development of reference databases (tissue bank and DNA sequences); standardized methods collection; implementation of FISH FIT tool; organization of training workshop on developed techniques. Collaboration in WP6 survey and meetings.</p> <p>ES: FR: PT:</p>
2.5 Contact person	
2.5.1 Name	Ute Schröder
2.5.2 Email	ute.schroeder@mri.bund.de
2.5.3 Phone	+494038905271
2.5.4 Address	Hermann-Weigmann-Straße 1
2.5.5 Post code	24103
2.5.6 City	Kiel
2.5.7 Country	Germany
2.6 Legal representative	
2.6.1 Name	Prof. Dr. Pablo Steinberg (President) or Dr. Ralf Greiner (Deputy of the President)
2.6.2 Email	president@mri.bund.de
2.6.3 Phone	+ 497216625201
2.6.4 Address	Haid- und –Neu-Straße 9
2.6.5 Post code	76131
2.6.6 City	Karlsruhe
2.6.7 Country	Germany

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2.6.8 Date of entering into functions	2017-05-01
2.6.9 Probative document of the Legal representative	Anx_22685/2017
2.7 Bank account	
2.7.1 IBAN	DE08750000000075001007
2.7.2 SWIFT	MARKDEF1750
2.7.3 Bank	Deutsche Bundesbank Filiale Regensburg
2.7.4 Bank Account Owner	Bundeskasse Weiden
2.7.5 Bank Account Country	Germany
2.7.6 DTCC Code	
2.7.7 Bank Statement	Anx_21630/2017
2.8 Co-financing declaration	
2.8.1 Document date	2017-09-21
2.8.2 Co-financing declaration	Anx_22684/2017 Anx_19614/2018
2.9 State aid declaration	
2.9.1 Date	2017-09-13
2.9.2 State Aid Declaration	Anx_21631/2017
2.0 Partner number	6
2.1 Position in the partnership	Partner
2.2 Entity	
2.2.1 Organization acronym when applicable	MNHN
2.2.2 Organization name	Muséum National D' Histoire Naturelle
2.2.3 Organization name in English	National Museum of Natural History
2.2.4 Department	Service des stations marines
2.2.5 Type of organization	Universities and higher education
2.2.6 Legal status	Public body
2.2.7 Tax ID	FR 62 180 044 174
2.2.7.1 VAT recovery	1
2.2.7.2 If YES explain how?	EN: VAT is recoverable when the expenses are made within the research activity ES: FR: PT:
2.2.7.3 VAT statement	Anx_21637/2017
2.2.8 Website	http://www.mnhn.fr/
2.2.9 Size of the organization (employees)	2000 (450 researchers)

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2.3 Location	
2.3.1 Country	France
2.3.2 Sub-Region (NUTS3)	Bretagne
2.3.3 City	Concarneau
2.3.4 Address	Place de la Croix BP 225
2.4 Partner profile	
2.4.1 Partner skills	<p>EN: F.Denis (P.I. from MHNH) is specialized in the specific and populational identification of benthic marine organisms using molecular tools to genetically define the structure and the geographic boundaries of the populations of molluscs and crustaceans along the Atlantic Ocean and Mediterranean coasts</p> <p>ES: FR: PT:</p>
2.4.2 Transnational experience	<p>EN: F. Denis has developed many international collaborations after participating in two European programs (BIOTECMAR and GENERA). She already has worked with some SEA-TRACES partners in the BIOTECMAR program (INTERREG IV B No. 2008-1/032) and collaborated with different south Mediterranean institutes</p> <p>ES: FR: PT:</p>
2.4.3 Role in the project	<p>EN: Full partner of the project with important involvement in the identification of genetic markers of the populational segregation for the traceability of the geographical origin of species of mollusks and crustaceans caught and marketed along the Atlantic coast.</p> <p>ES: FR: PT:</p>
2.4.4 Describe the activities that your organisation is going to implement in the project	<p>EN: Reporting results through publications and conferences, press releases and dissemination activities in France, Travelling Exhibition (WP2) Participation in capitalization of results (WP3) and extrapolation of outcomes to other Atlantic regions. Development of molecular tools to assess the levels of genetic variability of mollusks species. Determination of markers for population-based identification to adjust standard procedures of geographical tags (WP4). Exchange of expertise, organization of a training workshop for specific techniques on geographic origin and participation in the common reference electronic tool FISH FIT and the VRCSA platform (WP5 and WP3). Participation in the transnational survey on consumers' concerns and transnational meetings (WP6). Study the impact of traceability system at the economic level in a typical fish market in France. Participation in the development of alternative marketing tools (WP7).</p> <p>ES: FR: PT:</p>

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2.5 Contact person	
2.5.1 Name	Françoise Denis
2.5.2 Email	francoise.denis@univ-lemans.fr
2.5.3 Phone	+33298504286
2.5.4 Address	Place de la Croix BP 225
2.5.5 Post code	29182
2.5.6 City	Concarneau
2.5.7 Country	France
2.6 Legal representative	
2.6.1 Name	Bruno David
2.6.2 Email	bruno.david@mnhn.fr
2.6.3 Phone	+33140793000
2.6.4 Address	57 Rue Cuvier
2.6.5 Post code	75005
2.6.6 City	Paris
2.6.7 Country	France
2.6.8 Date of entering into functions	2015-09-01
2.6.9 Probative document of the Legal representative	Anx_21635/2017 Anx_21636/2017
2.7 Bank account	
2.7.1 IBAN	FR76 1007 1750 0000 0010 0529 797
2.7.2 SWIFT	TRPUFRP1
2.7.3 Bank	DRFIP - Direction Régionale des Finances Publiques
2.7.4 Bank Account Owner	AC MUSEUM NATIONAL D'HISTOIRE NATURELLE
2.7.5 Bank Account Country	France
2.7.6 DTCC Code	
2.7.7 Bank Statement	Anx_21638/2017 Anx_27036/2017
2.8 Co-financing declaration	
2.8.1 Document date	2017-09-20
2.8.2 Co-financing declaration	Anx_21640/2017
2.9 State aid declaration	
2.9.1 Date	2017-09-20
2.9.2 State Aid Declaration	Anx_21639/2017
2.0 Partner number	7
2.1 Position in the partnership	Partner
2.2 Entity	

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2.2.1 Organization acronym when applicable	UABERDEEN
2.2.2 Organization name	The University Court of the University of Aberdeen
2.2.3 Organization name in English	The University Court of the University of Aberdeen
2.2.4 Department	School of Geosciences, Department of Geography
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	GB267329044
2.2.7.1 VAT recovery	1
2.2.7.2 If YES explain how?	<p>EN: The organisation is entitled to recover VAT based on national legislation for activities implemented in the project. VAT charges can be only recovered from HMRC in respect of taxable supplies. Any VAT incurred on expenditure relating to funding which is outside the scope of UK VAT cannot be recovered</p> <p>ES: FR: PT:</p>
2.2.7.3 VAT statement	Anx_21681/2017
2.2.8 Website	http://www.abdn.ac.uk/
2.2.9 Size of the organization (employees)	3000
2.3 Location	
2.3.1 Country	United Kingdom
2.3.2 Sub-Region (NUTS3)	North Eastern Scotland (UKM50, Aberdeen and Aberdeenshire)
2.3.3 City	Aberdeen
2.3.4 Address	Elphinstone Road. Aberdeen
2.4 Partner profile	
2.4.1 Partner skills	<p>EN: UAb Aberdeen maintains skills in coastal policy & governance; marine resource management; stakeholder engagement across industry, government and communities; analysis of societal values and behaviors and eco-labeling assessments.</p> <p>ES: FR: PT:</p>
2.4.2 Transnational experience	<p>EN: Substantial transnational experience in European/International marine policy research. WP leader in EU projects on marine resources & society (SPICOSA 2006-2009; KNOWSEAS 2009-2012; IDREEM 2012-2015); engaged in current marine policy, resource and socio-economic research in China, Peru and Australia</p> <p>ES: FR:</p>

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	PT:
2.4.3 Role in the project	EN: Full partner of the project. UAberdeen will be main responsible for the delivery of WP6 which engages consumers, consumer groups and industry to determine strategies for improved local economic development and innovation; participates in WP7 (Strategies for creating value) and horizontal WPs. ES: FR: PT:
2.4.4 Describe the activities that your organisation is going to implement in the project	EN: Follow up of activities participated by UAberdeen (WP1) Organization and participation in dissemination actions (WP2). Participation in capitalization of results (WP3), being especially important the involvement in Action 3 on Coordinated action of Consumer Associations, and Action 4 for the extrapolation of developed Traceability and Labeling Systems in other Atlantic regions (case studies from Scotland). Coordination of every action of WP6, concretely in: 1)Coordination of the preparation, execution and assessment of results from the transnational survey on consumer concerns and preferences. Field work for validating survey results and coordination of the production of deliverables. 2)Organization of the Consumer associations' transnational meeting. 3)Participation in the Seafood Industry Associations and Consumers Meeting, to be organized by IPMA in Portugal. Participation in WP7 assessing case studies on eco-labels on seafood industry. ES: FR: PT:
2.5 Contact person	
2.5.1 Name	Tavis Potts
2.5.2 Email	tavis.potts@abdn.ac.uk
2.5.3 Phone	+441224273837
2.5.4 Address	University of Aberdeen. School of Geosciences. Elphinstone Road. Aberdeen
2.5.5 Post code	AB24 3UF
2.5.6 City	Aberdeen
2.5.7 Country	United Kingdom
2.6 Legal representative	
2.6.1 Name	Elizabeth Rattray
2.6.2 Email	e.rattray@abdn.ac.uk
2.6.3 Phone	+441224274369
2.6.4 Address	Acting Director, Research and Innovation, University Office, King's College, University of Aberdeen
2.6.5 Post code	AB24 3FX
2.6.6 City	Aberdeen
2.6.7 Country	United Kingdom

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2.6.8 Date of entering into functions	2015-08-31
2.6.9 Probative document of the Legal representative	Anx_21679/2017
2.7 Bank account	
2.7.1 IBAN	GB68 BOFS 8005 1459 2504 21
2.7.2 SWIFT	BOFSGB21353
2.7.3 Bank	Bank of Scotland
2.7.4 Bank Account Owner	University of Aberdeen
2.7.5 Bank Account Country	United Kingdom
2.7.6 DTCC Code	
2.7.7 Bank Statement	Anx_21680/2017 Anx_27283/2017 Anx_27285/2017
2.8 Co-financing declaration	
2.8.1 Document date	2017-09-18
2.8.2 Co-financing declaration	Anx_21678/2017
2.9 State aid declaration	
2.9.1 Date	2017-09-18
2.9.2 State Aid Declaration	Anx_21677/2017
2.0 Partner number	8
2.1 Position in the partnership	Partner
2.2 Entity	
2.2.1 Organization acronym when applicable	Exporsado
2.2.2 Organization name	Exporsado, Comércio e indústria de productos do mar
2.2.3 Organization name in English	Exporsado, Trade and Industry of Seafood Products Lda
2.2.4 Department	--
2.2.5 Type of organization	Small and medium enterprises
2.2.6 Legal status	Profit-making private organization
2.2.7 Tax ID	502163437
2.2.7.1 VAT recovery	1
2.2.7.2 If YES explain how?	EN: Through refund request, addressed to the Portuguese authorities ES: FR: PT:
2.2.7.3 VAT statement	Anx_23037/2017 Anx_23190/2017
2.2.8 Website	http://ostrasportuguesas.com/
2.2.9 Size of the organization (employees)	8

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2.3 Location	
2.3.1 Country	Portugal
2.3.2 Sub-Region (NUTS3)	Lisboa
2.3.3 City	Setubal
2.3.4 Address	Parque Empresarial Sado Internacional. Armazem D-24, E.N. 10 - Pontes
2.4 Partner profile	
2.4.1 Partner skills	<p>EN: EXPORSADO is and industrial aquaculture company whose activity is focused on the production of high quality oysters. EXPORSADO is specialized in the development of the so called Portuguese oyster (C. Angulata), through its entire value chain, from hatchery to final consumer</p> <p>ES: FR: PT:</p>
2.4.2 Transnational experience	<p>EN: The transnational experience of the company is related with the international trade of the Portuguese oyster produced, which is currently exported to France</p> <p>ES: FR: PT:</p>
2.4.3 Role in the project	<p>EN: Partner of the project belonging to the traditional aquaculture sector for the development of Pilot actions aimed to implement innovative labeling and traceability systems.</p> <p>ES: FR: PT:</p>
2.4.4 Describe the activities that your organisation is going to implement in the project	<p>EN: Participation in the follow up and management of the activities in which EXPORSADO participates (WP1). Participation in dissemination activities in Portugal (WP2). Participation in WP4 for the authentication of Portuguese oyster. Participation in workshops to be organized in WP6, especially in Seafood Industry Associations and Consumers Meeting (Action 3) as end-user of project outcomes. Implementation of a pilot action for implementing and testing new traceability and labeling schemes (WP7). The pilot action would be implemented at very small-scale and recommendations from WP6 studies and workshops would be applied for the label creation. A theoretical assessment of the potential socio-economic impact will be carried out. Production of a roadbook on implementation of innovative labeling and traceability schemes for creating value in aquaculture products (WP7). Evaluate and promote the applicability of results beyond project's lifetime and partnership (WP3).</p> <p>ES: FR: PT:</p>
2.5 Contact person	
2.5.1 Name	Pedro Ferreira/Nuno Ferreira

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2.5.2 Email	nuno.ferreira@exporsado.pt
2.5.3 Phone	+351265098782
2.5.4 Address	Parque Empresarial Sado Internacional Armazem D-24 E.N. 10 - Pontes
2.5.5 Post code	2910 – 835
2.5.6 City	Setúbal
2.5.7 Country	Portugal
2.6 Legal representative	
2.6.1 Name	Eric Marissal (administrator)/Paulo Silva (administrator)/Pedro Ferreira
2.6.2 Email	grainoceaninternational@gmail.com
2.6.3 Phone	+351265098782
2.6.4 Address	Parque Empresarial Sado Internacional. Armazem D-24. E.N. 10 - Pontes
2.6.5 Post code	2910 – 835
2.6.6 City	Setúbal
2.6.7 Country	Portugal
2.6.8 Date of entering into functions	2017-06-19
2.6.9 Probative document of the Legal representative	Anx_22709/2017 Anx_540/2018 Anx_539/2018
2.7 Bank account	
2.7.1 IBAN	PT50 0035 0774 00143210830 66
2.7.2 SWIFT	CGDIPTPL
2.7.3 Bank	Caixa Geral de Depósitos, S.A.
2.7.4 Bank Account Owner	EXPORSADO COMERCIO INDUSTRIA PRODUTOS MAR,LDA
2.7.5 Bank Account Country	Portugal
2.7.6 DTCC Code	Setúbal
2.7.7 Bank Statement	Anx_22574/2017 Anx_33787/2017 Anx_23199/2017
2.8 Co-financing declaration	
2.8.1 Document date	2017-09-21
2.8.2 Co-financing declaration	Anx_23191/2017
2.9 State aid declaration	
2.9.1 Date	2017-10-09
2.9.2 State Aid Declaration	Anx_23192/2017
2.0 Partner number	9
2.1 Position in the partnership	Partner
2.2 Entity	
2.2.1 Organization acronym when applicable	DOPMexillonGalicia
2.2.2 Organization name	Consello Regulador do Mexillón de Galicia

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2.2.3 Organization name in English	Regulatory Council of Mussel from Galicia
2.2.4 Department	R&D
2.2.5 Type of organization	Public-private organisations
2.2.6 Legal status	Public body
2.2.7 Tax ID	Q-8655621-D
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_21693/2017
2.2.8 Website	http://www.mexillondeg Galicia.org/
2.2.9 Size of the organization (employees)	21
2.3 Location	
2.3.1 Country	Spain
2.3.2 Sub-Region (NUTS3)	Galicia
2.3.3 City	Vilagarcía de Arousa, Pontevedra
2.3.4 Address	Avenida da Mariña 25
2.4 Partner profile	
2.4.1 Partner skills	EN: Consello Regulador has been set up for Galician mussel producers, purifying and processing companies. It is responsible for defense, promotion and control of the PDO Mussel from Galicia. R&D department plays an important role in the detection of fraud in mussel products by molecular biological methods ES: FR: PT:
2.4.2 Transnational experience	EN: Participation in European projects: 1) HAB-BUOY [FP5-LIFE QUALITY, Q5CR-2002-71699; 2) GESTINMER [LIFE Program, LIFE ENV04/ES/000239]; 3) EUROSHELL [FP-KBBE, 312025]. Consello Regulador do Mexillón de Galicia is a founding member of the European Molluscs' Producers Association (AEPM-EMPA) since 1999 ES: FR: PT:
2.4.3 Role in the project	EN: Full partner of the project participating in all WPs. Partner will collaborate in WP4 and WP5 (methods for the control of labeling and traceability of mussel from Galicia). Implementation of case study in WP7 and potential for extrapolating results to other mussel associations in the Atlantic Area. ES: FR:

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2.4.4 Describe the activities that your organisation is going to implement in the project	EN: Mussel from Galicia is an emblematic seafood product with the quality mark PDO, but still affected by food fraud and lack of traceability along value chain. Partner participation includes: Follow up of participated activities (WP1). Dissemination activities in Spain (WP2) and capitalization of results to extend methods and outcomes to other European Mussel Producer Associations (WP3). Development of analytical methods and tools for the authentication of Mussels from Galicia (WP4, WP5) through: 1)Improvement of single-step Trio-PCR to identify mussel species; 2)Geographic genetic markers and validation for processed mussels. Participation in consumers survey and workshops (WP6). Traceability and labeling evaluation across mussel value chain to identify bottlenecks and implementation of a case study. Transnational scope (WP7) ES: FR: PT:
2.5 Contact person	
2.5.1 Name	Mª de los Ángeles Longa Portabales
2.5.2 Email	angeles.longa@mexillondeg Galicia.org
2.5.3 Phone	+34986507416
2.5.4 Address	Avenida da Mariña 25
2.5.5 Post code	36600
2.5.6 City	Vilagarcía de Arousa
2.5.7 Country	Spain
2.6 Legal representative	
2.6.1 Name	Francisco Antonio Alcalde García
2.6.2 Email	info@mexillondeg Galicia.org
2.6.3 Phone	+34 986507416
2.6.4 Address	Avenida da Mariña 25
2.6.5 Post code	36600
2.6.6 City	Vilagarcía de Arousa, Pontevedra
2.6.7 Country	Spain
2.6.8 Date of entering into functions	2015-02-27
2.6.9 Probative document of the Legal representative	Anx_21689/2017
2.7 Bank account	
2.7.1 IBAN	ES47 2080 5039 9030 4000 3292
2.7.2 SWIFT	CAGLESMMXX
2.7.3 Bank	ABANCA
2.7.4 Bank Account Owner	CONSELLO REGULADOR DO MEXILLON DE GALICIA

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2.7.5 Bank Account Country	Spain
2.7.6 DTCC Code	
2.7.7 Bank Statement	Anx_21690/2017
2.8 Co-financing declaration	
2.8.1 Document date	2017-09-20
2.8.2 Co-financing declaration	Anx_21692/2017
2.9 State aid declaration	
2.9.1 Date	2017-09-20
2.9.2 State Aid Declaration	Anx_21691/2017
2.0 Partner number	10
2.1 Position in the partnership	Partner
2.2 Entity	
2.2.1 Organization acronym when applicable	AZTI
2.2.2 Organization name	Fundación AZTI – AZTI Fundazioa
2.2.3 Organization name in English	AZTI Foundation
2.2.4 Department	Food Research
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	G48939508
2.2.7.1 VAT recovery	1
2.2.7.2 If YES explain how?	EN: VAT is recovered through the quarterly VAT declaration ES: FR: PT:
2.2.7.3 VAT statement	Anx_21703/2017
2.2.8 Website	http://www.azti.es/es/
2.2.9 Size of the organization (employees)	234
2.3 Location	
2.3.1 Country	Spain
2.3.2 Sub-Region (NUTS3)	País Vasco
2.3.3 City	Derio
2.3.4 Address	Parque Tecnológico de Bizkaia. Astondo Bidea, edif. 609
2.4 Partner profile	
2.4.1 Partner skills	EN: AZTI offers innovative new or improved products solutions to the food industry where prime quality, food safety and identity, respecting environment and

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	<p>consumers. Official lab accredited under ISO 17025, within the Spanish network of MAPAMA to assure quality, safety and identity of seafood products</p> <p>ES: FR: PT:</p>
2.4.2 Transnational experience	<p>EN: AZTI has a broad transnational experience due to its participation in several European programmes. It is worth highlighting the participations in 12 INTERREG Territorial Cooperation Programme 2007-2013, 11 projects H2020, 8 LIFE Environment Programme 2007-2020 and the FP7 Project Foodintegrity</p> <p>ES: FR: PT:</p>
2.4.3 Role in the project	<p>EN: Full Partner and Member of the Advisory Board. Application of denomination of origin in traditional seafood, development of rapid DNA methodologies for authentication of fish species and geographic denominations, experience in accreditation under ISO 17025, access to DNA and tissue database</p> <p>ES: FR: PT:</p>
2.4.4 Describe the activities that your organisation is going to implement in the project	<p>EN: Critical assessment of project results (WP1). Demonstrate to producers, industry and consumers the importance of producing high quality seafood product and of labeling and traceability to increase transparency deterring IUU, fraud and mislabeling. Participation in dissemination actions and project workshops (WP2, WP6, WP7). Implementation of a very interesting case study in Basque Country focused on important traditional fisheries that produce high quality seafood products very appreciated by the final consumer. Evaluation of socio-economic impact and sharing to the Atlantic Area as a successful flagship (WP7). Development of methodologies and tools to identify fish species and populations based on DNA (WP4, WP5). It is worth mentioning previous work on isothermal amplification to authenticate fish species and metabarcoding for geographical origin. Participation in actions for capitalization of results and pilot launch of the VRCSA (WP3 and WP5).</p> <p>ES: FR: PT:</p>
2.5 Contact person	
2.5.1 Name	Miguel Ángel Pardo
2.5.2 Email	mpardo@azti.es
2.5.3 Phone	+34946574000
2.5.4 Address	Parque Tecnológico de Bizkaia. Astondo Bidea, edif. 609
2.5.5 Post code	48160
2.5.6 City	Derio
2.5.7 Country	Spain

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2.6 Legal representative	
2.6.1 Name	Rogelio Pozo Carro
2.6.2 Email	rpozo@azti.es
2.6.3 Phone	+34 670934884
2.6.4 Address	Txatxarramendi ugarteia, z/g
2.6.5 Post code	48395
2.6.6 City	Sukarrieta
2.6.7 Country	Spain
2.6.8 Date of entering into functions	2009-06-19
2.6.9 Probative document of the Legal representative	Anx_21701/2017
2.7 Bank account	
2.7.1 IBAN	ES02 0081 5095 2000 0139 7642
2.7.2 SWIFT	BSABESBB
2.7.3 Bank	BANCO SABADELL
2.7.4 Bank Account Owner	Fundación AZTI - AZTI Fundazioa
2.7.5 Bank Account Country	Spain
2.7.6 DTCC Code	
2.7.7 Bank Statement	Anx_21702/2017
2.8 Co-financing declaration	
2.8.1 Document date	2017-09-11
2.8.2 Co-financing declaration	Anx_21700/2017
2.9 State aid declaration	
2.9.1 Date	2017-09-11
2.9.2 State Aid Declaration	Anx_21699/2017
2.0 Partner number	11
2.1 Position in the partnership	Associated partner
2.2 Entity	
2.2.1 Organization acronym when applicable	Xunta de Galicia
2.2.2 Organization name	Xunta de Galicia
2.2.3 Organization name in English	Galician Government
2.2.4 Department	Dirección Xeral de Pesca, Acuicultura e Innovación Tecnolóxica. Consellería do Mar
2.2.5 Type of organization	Regional public organisations
2.2.6 Legal status	Public body
2.2.7 Tax ID	S1511001H

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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.xunta.gal/
2.2.9 Size of the organization (employees)	70
2.3 Location	
2.3.1 Country	Spain
2.3.2 Sub-Region (NUTS3)	Galicia
2.3.3 City	Santiago de Caompostela
2.3.4 Address	San Caetano, s/n
2.4 Partner profile	
2.4.1 Partner skills	EN: Responsible for coordinating regional competencies and actions in: fisheries management and aquaculture; processors and trading industries; stats and registers of seafood production and trade; promoting competitiveness and quality of Galician products. Creator of the certification mark PescadeRías. ES: FR: PT:
2.4.2 Transnational experience	EN: Dirección Xeral de Pesca, Acuicultura e Innovación Tecnolóxica is responsible for the inter-agency and external cooperation on fishery and aquaculture issues, in accordance with the Galician Fisheries policy, European Union and National basic regulations. ES: FR: PT:
2.4.3 Role in the project	EN: Associated Partner (AP) providing information on case studies and pilot actions to be implemented in the Galician region. ES: FR: PT:
2.4.4 Describe the activities that your organisation is going to implement in the project	EN: Attendance to project meetings and dissemination events (WP1 and WP2). Contributing knowledge, data and inputs on Galician case study and pilot action for creating value in WP7 (Actions 2 and 3). Providing information for the evaluation of the overall economic impact of the created value in WP7, Action 4. Evaluate and promote the applicability of results beyond project's lifetime. ES: FR:

Project Approved Form	
	PT:
2.5 Contact person	
2.5.1 Name	Antonio Rodríguez Fernández
2.5.2 Email	antonio.rodriguez.fernandez@xunta.es
2.5.3 Phone	+34981540016
2.5.4 Address	San Caetano, s/n
2.5.5 Post code	15701
2.5.6 City	Santiago de Compostela
2.5.7 Country	Spain
2.6 Legal representative	
2.6.1 Name	Mercedes Rodríguez Moreda
2.6.2 Email	sxmar.cmrmm@xunta.gal
2.6.3 Phone	+34 981540016
2.6.4 Address	Edif. Adm. San Caetano s/n
2.6.5 Post code	15781
2.6.6 City	Santiago de Compostela
2.6.7 Country	Spain
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	12
2.1 Position in the partnership	Associated partner

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2.2 Entity	
2.2.1 Organization acronym when applicable	MSC
2.2.2 Organization name	Marine Stewardship Council
2.2.3 Organization name in English	Marine Stewardship Council
2.2.4 Department	Science and Standards: Product Integrity Traceability
2.2.5 Type of organization	International organizations
2.2.6 Legal status	Not-for-profit private organization
2.2.7 Tax ID	GB92533902
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	https://www.msc.org/
2.2.9 Size of the organization (employees)	170
2.3 Location	
2.3.1 Country	United Kingdom
2.3.2 Sub-Region (NUTS3)	London
2.3.3 City	London
2.3.4 Address	1-3 Snow Hill
2.4 Partner profile	
2.4.1 Partner skills	EN: MSC is a leading global, science-based wild-capture fisheries certification scheme and ecolabel widely recognized as the “gold standard” for fishery sustainability. MSC certifies fisheries for sustainability and supply chains for traceability, having an in-depth knowledge of the seafood sector. ES: FR: PT:
2.4.2 Transnational experience	EN: MSC has regional offices in Europe, North America, and Asia Pacific. 10% of the global wild fisheries catch is MSC certified, as well as 40% of the Northeast Atlantic catch (about 3 million tons). More than 20,000 products bear the MSC ecolabel, with leading countries belonging to the Atlantic Area. ES: FR: PT:
2.4.3 Role in the project	EN:

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	<p>Associated partner with strategic input into role of traceability in supply chains and relevance of molecular and technological tools in assurance, compliance, and risk-reduction with respect to sustainable fisheries and trade.</p> <p>ES: FR: PT:</p>
2.4.4 Describe the activities that your organisation is going to implement in the project	<p>EN: Collaboration in dissemination actions (WP2), providing information for dissemination, participating in events. Observer in development and implementation of techniques and tools for seafood authentication (WP4 & WP5). Contributing knowledge, data and inputs on various aspects of sustainable seafood supply chains, participating in or facilitating surveys of target groups and stakeholders (e.g. consumers, supply chain actors, retailers) in WP6 and WP7. Collaboration with the identification of key risk factors or vulnerabilities in seafood supply chains and possible mitigation measures that can improve socio-economic benefits, including labeling, traceability, and assurance models (WP7). Collaboration with the identification of case studies in WP3 and WP7 that would really benefit the trade and the sector, sharing experience of sustainability ecolabel and maximizing the applicability of results. Evaluate and promote the applicability of results beyond project's lifetime.</p> <p>ES: FR: PT:</p>
2.5 Contact person	
2.5.1 Name	Leah Buckley
2.5.2 Email	leah.buckley@msc.org
2.5.3 Phone	+4407835779492
2.5.4 Address	Marine House 1, Snow Hill
2.5.5 Post code	EC1A 2DH
2.5.6 City	London
2.5.7 Country	United Kingdom
2.6 Legal representative	
2.6.1 Name	Richard Ryan
2.6.2 Email	Richard.ryan@msc.org
2.6.3 Phone	+44 2072468904
2.6.4 Address	1-3 Snow Hill
2.6.5 Post code	EC1A 2DH
2.6.6 City	London
2.6.7 Country	United Kingdom
2.6.8 Date of entering into functions	
2.6.9 Probative document of the Legal representative	

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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	Associated partner
2.2 Entity	
2.2.1 Organization acronym when applicable	SFPA
2.2.2 Organization name	Sea-Fisheries Protection Authority
2.2.3 Organization name in English	Sea-Fisheries Protection Authority
2.2.4 Department	Agriculture, Food and the Marine
2.2.5 Type of organization	National public organisations
2.2.6 Legal status	Public body
2.2.7 Tax ID	9655672K
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.sfpa.ie/
2.2.9 Size of the organization (employees)	100
2.3 Location	
2.3.1 Country	Ireland
2.3.2 Sub-Region (NUTS3)	Border, Midland and Western

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2.3.3 City	Clonakilty
2.3.4 Address	Sea Fisheries Protection Authority, Park Road, Clogheen
2.4 Partner profile	
2.4.1 Partner skills	<p>EN: SFPA is a public body committed to the effective and fair regulation of Irish Sea-Fishing and Seafood Sectors. SFPA supports a sustainable and profitable commercial fishing sector, while protecting and conserving fisheries resources for long-term exploitation working in consultation with stakeholders</p> <p>ES: FR: PT:</p>
2.4.2 Transnational experience	<p>EN: The SFPA works closely with a number of International Partners including European Institutions and their Agencies that have key roles in Sea Fisheries and Seafood Safety, concretely with DG SANCO and DG MARE.</p> <p>ES: FR: PT:</p>
2.4.3 Role in the project	<p>EN: Associated Partner (AP) and Member of the Advisory Board for the assessment of project results' quality as potential end-user of project outcomes.</p> <p>ES: FR: PT:</p>
2.4.4 Describe the activities that your organisation is going to implement in the project	<p>EN: Attending Project meetings. Critical assessment of project results to guarantee the implementation of a high quality project, as part of the Advisory Board (WP1). Involvement in the capitalization activities, evaluating and promoting the applicability of results beyond project's lifetime and partnership (WP3). Observer in the development and implementation of surveys on consumer concerns and participation in workshops and meetings from WP6. Communication of outcomes and recommendations on traceability and labeling resulting from WP6. Involvement in WP7 for the assessment of strategies for creting value in seafood industry.</p> <p>ES: FR: PT:</p>
2.5 Contact person	
2.5.1 Name	Sean Murrán/Aileen O' Sullivan
2.5.2 Email	sean.murrán@sfpa.ie
2.5.3 Phone	+353876359286
2.5.4 Address	Sea Fisheries Protection Authority, Park Road, Clogheen
2.5.5 Post code	P85TX47
2.5.6 City	Clonakilty

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2.5.7 Country	Ireland
2.6 Legal representative	
2.6.1 Name	Mason Hayes and Curran
2.6.2 Email	Dublin@mhc.ie
2.6.3 Phone	+35 31614500
2.6.4 Address	South Bank House, Barrow Street
2.6.5 Post code	D04TR29
2.6.6 City	Dublin
2.6.7 Country	Ireland
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	14
2.1 Position in the partnership	Associated partner
2.2 Entity	
2.2.1 Organization acronym when applicable	DEFRA
2.2.2 Organization name	Department for Environment, Food and Rural Affairs (DEFRA)
2.2.3 Organization name in English	Department for Environment, Food and Rural Affairs (DEFRA)
2.2.4 Department	Department for Environment, Food and Rural Affairs (DEFRA)
2.2.5 Type of organization	National public organisations
2.2.6 Legal status	Public body
2.2.7 Tax ID	GB7888800181

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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	www.gov.uk/government/organisations/department-for-environment-food-rural-affairs
2.2.9 Size of the organization (employees)	2000
2.3 Location	
2.3.1 Country	United Kingdom
2.3.2 Sub-Region (NUTS3)	London
2.3.3 City	London
2.3.4 Address	17 Smith Square
2.4 Partner profile	
2.4.1 Partner skills	EN: UK government department responsible for environmental, food and rural issues. DEFRA has responsibility for policy on food labeling, composition and standards. This includes the food authenticity research programme, focused on developing methodologies for detecting mislabeling and food fraud. ES: FR: PT:
2.4.2 Transnational experience	EN: DEFRA participated as Associated Partner in the Atlantic Area Project LABELFISH, being involved in the ring trials and implementation of developed SOPs. DEFRA acted as external co-financer of University of Salford, which participates in the Authenticity Methods Working Group (AMWG). ES: FR: PT:
2.4.3 Role in the project	EN: Associated Partner (AP) and potential end-user of project outcomes. ES: FR: PT:
2.4.4 Describe the activities that your organisation is going to implement in the project	EN: Attending Project meetings. Involvement in the pilot launch of the Virtual Reference Center for Seafood Authentication (VRCSA) in WP3. Evaluate and promote the applicability of results beyond project's lifetime. Observer in the development and implementation of techniques and tools for seafood authentication. Participation in training workshops (WP4 and WP5). Transfer of outcomes and recommendations on traceability and labeling resulting from WP6. ES:

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	FR: PT:
2.5 Contact person	
2.5.1 Name	Andy Furmage
2.5.2 Email	andy.furmage@defra.gsi.gov.uk
2.5.3 Phone	+352080262740
2.5.4 Address	17 Smith Square
2.5.5 Post code	SW1P 3JR
2.5.6 City	London
2.5.7 Country	United Kingdom
2.6 Legal representative	
2.6.1 Name	Emma Evans
2.6.2 Email	Emma.Evans@defra.gsi.gov.uk
2.6.3 Phone	+35 0208 0261754
2.6.4 Address	NATURAL ENGLAND, SUITE D, UNEX HOUSE, BOURGES BOULEVARD
2.6.5 Post code	PE1 1NG
2.6.6 City	PETERBOROUGH
2.6.7 Country	United Kingdom
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	15
2.1 Position in the partnership	Associated partner

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2.2 Entity	
2.2.1 Organization acronym when applicable	KSF
2.2.2 Organization name	Keohane Seafoods
2.2.3 Organization name in English	Keohane Seafoods
2.2.4 Department	Innovation Dept
2.2.5 Type of organization	Small and medium enterprises
2.2.6 Legal status	Profit-making private organization
2.2.7 Tax ID	9743395b
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	www.keohaneseafoods.ie
2.2.9 Size of the organization (employees)	100
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	Unit 28, Kinsale Road Ind Est, Cork
2.4 Partner profile	
2.4.1 Partner skills	EN: Industrial Associated Partner with 10 years experience in seafood processing and supplying global retail partners. ES: FR: PT:
2.4.2 Transnational experience	EN: - ES: FR: PT:
2.4.3 Role in the project	EN: Associated Partner (AP) participant in project case studies and end-user of labeling and traceability solutions developed in the project. ES: FR: PT:

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2.4.4 Describe the activities that your organisation is going to implement in the project	EN: Participation in WP6 studies and workshops as end-user of project outcomes. Implementation of recommendations on current labeling. Participation in case studies of WP7, in which local and emblematic seafood products will be involved. Share current control procedures, labeling and traceability methods with external users. Evaluate and promote the applicability of results beyond project's lifetime and partnership ES: FR: PT:
2.5 Contact person	
2.5.1 Name	Liz O Leary
2.5.2 Email	Liz@keohaneseafoods.ie
2.5.3 Phone	+353 087 9192937
2.5.4 Address	Unit 28, Kinsale Road Ind Est., Cork
2.5.5 Post code	T12 DA36
2.5.6 City	Cork
2.5.7 Country	Ireland
2.6 Legal representative	
2.6.1 Name	Colman Keohane
2.6.2 Email	colman@keohaneseafoods.ie
2.6.3 Phone	+353214322059
2.6.4 Address	Unit 28, Kinsale Road Ind Est., Cork
2.6.5 Post code	T12 DA36
2.6.6 City	Cork
2.6.7 Country	Ireland
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	

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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	MAPAMA
2.2.2 Organization name	Ministerio de Agricultura y Pesca, Alimentación y Medio Ambiente
2.2.3 Organization name in English	Ministry of Agriculture and Fisheries, Food and Environment
2.2.4 Department	Secretaría Gral de Pesca.Dirección Gral de Ordenación Pesquera
2.2.5 Type of organization	National public organisations
2.2.6 Legal status	Public body
2.2.7 Tax ID	S2823002G
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.mapama.gob.es/es/
2.2.9 Size of the organization (employees)	186
2.3 Location	
2.3.1 Country	Spain
2.3.2 Sub-Region (NUTS3)	Comunidad de Madrid
2.3.3 City	Madrid
2.3.4 Address	C/ Velazquez, 147
2.4 Partner profile	
2.4.1 Partner skills	EN: The core business is focused on marketing, quality, food safety, innovation, economic diversification and traceability on fish sector. Related to traceability and information to consumer, partner skills are: Development of Legislation and guides. Participation in Expert Groups from the EC. ES: FR: PT:
2.4.2 Transnational experience	EN:

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	<p>MAPAMA gives advice to Public Authorities of candidate countries to EU, Asia, Africa and South America. Also, the partner participates in Expert Groups from the European Commission and Council and participated in the Atlantic Area Project LABELFISH as an Associated Partner.</p> <p>ES: FR: PT:</p>
2.4.3 Role in the project	<p>EN: Associated Partner (AP) and Member of the Advisory Board as potential end-user of project outcomes.</p> <p>ES: FR: PT:</p>
2.4.4 Describe the activities that your organisation is going to implement in the project	<p>EN: Attending Project meetings. Critical assessment of project results to guarantee the implementation of a high quality project, as a member of the Advisory Board (WP1). Involvement in the conceptual design and test of the Virtual Reference Center for Seafood Authentication to be launched through a pilot action (WP3). Evaluate and promote the applicability of results beyond project's lifetime (WP3). Observer in the study of seafood labelling and traceability in WP7 as well as in the development and implementation of case studies and pilot actions. Observer in the development and implementation of surveys on consumer concerns and participation in workshops and meetings from WP6. Communication of outcomes and recommendations on traceability and labeling resulting from WP6.</p> <p>ES: FR: PT:</p>
2.5 Contact person	
2.5.1 Name	Borja Carmona Castaño
2.5.2 Email	fcarmona@mapama.es
2.5.3 Phone	+34913476209
2.5.4 Address	C/Velazquez 147
2.5.5 Post code	28002
2.5.6 City	Madrid
2.5.7 Country	Spain
2.6 Legal representative	
2.6.1 Name	José Luis González Serrano
2.6.2 Email	dpesmar@magrama.es
2.6.3 Phone	+34913476050
2.6.4 Address	C/Velazquez 144
2.6.5 Post code	28002
2.6.6 City	Madrid
2.6.7 Country	Spain

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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	17
2.1 Position in the partnership	Associated partner
2.2 Entity	
2.2.1 Organization acronym when applicable	CICC-AECOSAN
2.2.2 Organization name	Centro Investigación y Control de Calidad.Agencia Española Consumo,Seguridad Alimentaria y Nutrición
2.2.3 Organization name in English	Quality Control and Research Center- Agency for Consumers affairs, Food safety and Nutrition
2.2.4 Department	Centro de Investigación y Control de la Calidad
2.2.5 Type of organization	National public organisations
2.2.6 Legal status	Public body
2.2.7 Tax ID	ESQ2802157-D
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	www.aecosan.msssi.gob.es

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2.2.9 Size of the organization (employees)	70
2.3 Location	
2.3.1 Country	Spain
2.3.2 Sub-Region (NUTS3)	Comunidad de Madrid
2.3.3 City	Madrid
2.3.4 Address	Avenida de Cantabria, 52
2.4 Partner profile	
2.4.1 Partner skills	<p>EN: CICC laboratory carries out the Official Control consumer products in Spain. Analyses performed allow the verification of compliance with Rules and Regulations and the truthfulness of labels. Bioanalysis Department makes molecular species identification of meat and fish products using DNA techniques</p> <p>ES:</p> <p>FR:</p> <p>PT:</p>
2.4.2 Transnational experience	<p>EN: CICC-AECOSAN is the Spanish entity responsible for coordinating sampling campaigns on consumer products promoted by the EC and other international organisms, as well as for the preparation of the corresponding reports on results and responding to external consultations from Public Administrations.</p> <p>ES:</p> <p>FR:</p> <p>PT:</p>
2.4.3 Role in the project	<p>EN: Associated Partner (AP) with specific interest on outcomes and results from project activities, as potential end-user.</p> <p>ES:</p> <p>FR:</p> <p>PT:</p>
2.4.4 Describe the activities that your organisation is going to implement in the project	<p>EN: Attending Project meetings and workshops to be organized in the implementation of WP4, WP5 and WP6. Participation in the pilot launch of the Virtual Reference Center for Seafood Authentication to be developed in the project (WP3). Test developed standard analytical techniques for the authentication of information in seafood labels and tools for species identification as potential end-user (WP4 and WP5). Evaluate applicability of results beyond project's lifetime</p> <p>ES:</p> <p>FR:</p> <p>PT:</p>
2.5 Contact person	
2.5.1 Name	Manuel Carbó Martínez (director)/Oscar Blanco Alcalá
2.5.2 Email	mcarbo@msssi.es

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2.5.3 Phone	+34918224781
2.5.4 Address	Avenida de Cantabria, 52
2.5.5 Post code	28042
2.5.6 City	Madrid
2.5.7 Country	Spain
2.6 Legal representative	
2.6.1 Name	Teresa Robledo de Dios
2.6.2 Email	trobledo@msssi.es
2.6.3 Phone	+34 913380389
2.6.4 Address	Calle Alcalá, 56
2.6.5 Post code	28014
2.6.6 City	Madrid
2.6.7 Country	Spain
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	18
2.1 Position in the partnership	Associated partner
2.2 Entity	
2.2.1 Organization acronym when applicable	JRC
2.2.2 Organization name	European Commission, Directorate General Joint Research Centre
2.2.3 Organization name in English	European Commission, Directorate General Joint Research Centre

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2.2.4 Department	Directorate F. Health, Consumers and Reference Materials
2.2.5 Type of organization	International organizations
2.2.6 Legal status	Public body
2.2.7 Tax ID	0949.383.342
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	https://ec.europa.eu/jrc/en
2.2.9 Size of the organization (employees)	300
2.3 Location	
2.3.1 Country	Belgium
2.3.2 Sub-Region (NUTS3)	Arrondissement of Turnhout
2.3.3 City	Geel
2.3.4 Address	Retiesewg, 111, Geel
2.4 Partner profile	
2.4.1 Partner skills	EN: As the science and knowledge service of EC, JRC's mission is to support EU policies with independent evidence throughout the whole policy cycle. JRC leads research on food fraud(e.g. fish or wine). JRC-Geel provides a metrological interlaboratory comparison scheme for benchmarking of lab performance ES: FR: PT:
2.4.2 Transnational experience	EN: JRC participates as partner in international research projects on food control: OLEUM (Advanced solutions for assuring authenticity and quality of olive oil at global scale H2020,2016-2020) or FoodIntegrity (FP7, 2014-2018); and in the past:TRACE - Tracing Food Commodities in Europe (FP6, 2005-2009) ES: FR: PT:
2.4.3 Role in the project	EN: Associated Partner and Member of the Advisory Board as potential end-user of project outcomes. ES: FR: PT:

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2.4.4 Describe the activities that your organisation is going to implement in the project	<p>EN: Attending Project meetings. Critical assessment of project results to guarantee the implementation of a high quality project, of the Advisory Board (WP1). Involvement in the conceptual design and test of the VRCSA to be launched through a pilot action (WP3). Evaluate and promote the applicability of results beyond project's lifetime (WP3). Observer in the development and implementation of techniques and tools for seafood authentication (WP4 and WP5). Participation in the test of developed standard analytical techniques for the authentication of information in seafood labels (WP4 and WP5), as potential end-user.</p> <p>ES: FR: PT:</p>
2.5 Contact person	
2.5.1 Name	Alain Maquet
2.5.2 Email	alain.maquet@ec.europa.eu
2.5.3 Phone	+3214571817
2.5.4 Address	Retiesewg, 111
2.5.5 Post code	2440
2.5.6 City	Geel
2.5.7 Country	Belgium
2.6 Legal representative	
2.6.1 Name	Elke Anklam
2.6.2 Email	Elke.ANKLAM@ec.europa.eu
2.6.3 Phone	+32 14571201
2.6.4 Address	Retiesewg, 111
2.6.5 Post code	2440
2.6.6 City	Geel
2.6.7 Country	Belgium
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	

Project Approved Form	
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	19
2.1 Position in the partnership	Associated partner
2.2 Entity	
2.2.1 Organization acronym when applicable	SCL
2.2.2 Organization name	Service Commun des Laboratoires
2.2.3 Organization name in English	Joint Laboratory Service
2.2.4 Department	Laboratoire de Marseille - Section "Produits de la mer"
2.2.5 Type of organization	National public organisations
2.2.6 Legal status	Public body
2.2.7 Tax ID	13000207400024
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	www.economie.gouv.fr ; www.douane.gouv.fr
2.2.9 Size of the organization (employees)	400
2.3 Location	
2.3.1 Country	France
2.3.2 Sub-Region (NUTS3)	Bouches-du-Rhône
2.3.3 City	Marseille
2.3.4 Address	146 Traverse Charles Susini
2.4 Partner profile	
2.4.1 Partner skills	EN: Reference laboratory specialised in investigation and detection of chemical contaminants, product authenticity,... for official controls on food and non-food products. Department involved has national competency in seafood products analysis and identification. SCL provides support to DGDDI and DGDCRF ES: FR: PT:

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2.4.2 Transnational experience	<p>EN: SCL is member of the Custom Laboratory European Network (CLEN) and participates to European controlling programs. Also, SCL has collaborated as Associated Partner in the previous LABELFISH Project, being the Official French Control Lab involved in ring trials and testing standardized methods.</p> <p>ES: FR: PT:</p>
2.4.3 Role in the project	<p>EN: Associated Partner (AP) and Member of the Advisory Board as potential end-user of project outcomes.</p> <p>ES: FR: PT:</p>
2.4.4 Describe the activities that your organisation is going to implement in the project	<p>EN: Attending Project meetings. Participation in the regular assessment of the quality of project outcomes as part of the Advisory Board (WP1). Involvement in the VRCSA to be developed and tested in a pilot action (WP3). Evaluate and promote the applicability of results beyond project's lifetime (WP3). Participation in workshops related with implementation of WP4, WP5 and WP6. Test as end-user the developed standard analytical techniques for the authentication of information in seafood labels (WP4 and WP5).</p> <p>ES: FR: PT:</p>
2.5 Contact person	
2.5.1 Name	Lise Gastaldon
2.5.2 Email	lise.gastaldon@scl.finances.gouv.fr
2.5.3 Phone	+33491618200
2.5.4 Address	SCL – Laboratoire de Marseille. 146 Traverse Charles Susini
2.5.5 Post code	13388
2.5.6 City	Marseille Cedex 13
2.5.7 Country	France
2.6 Legal representative	
2.6.1 Name	G�rard Peruilhe
2.6.2 Email	labo-direction@scl.finances.gouv.fr
2.6.3 Phone	+33 970272610
2.6.4 Address	SCL – Unit� de direction. 30 rue Wallenberg
2.6.5 Post code	75019
2.6.6 City	Paris
2.6.7 Country	France
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	20
2.1 Position in the partnership	Partner
2.2 Entity	
2.2.1 Organization acronym when applicable	LJMU
2.2.2 Organization name	Liverpool John Moores University
2.2.3 Organization name in English	Liverpool John Moores University
2.2.4 Department	School of Natural Sciences and Psychology
2.2.5 Type of organization	Universities and higher education
2.2.6 Legal status	Public body
2.2.7 Tax ID	GB945680393
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_18393/2019
2.2.8 Website	www.ljmu.ac.uk
2.2.9 Size of the organization (employees)	Around 2,500 employees
2.3 Location	
2.3.1 Country	United Kingdom

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2.3.2 Sub-Region (NUTS3)	Merseyside
2.3.3 City	Liverpool
2.3.4 Address	Egerton Court, Rodney Street, Liverpool, L1 2UA
2.4 Partner profile	
2.4.1 Partner skills	<p>EN: Biodiversity assessment; environmental management; Conservation of living resources, with particular emphasis on wild exploited biota. Molecular Genomics; Fisheries Science; Stock Identification; Seafood Traceability; environmental DNA.</p> <p>ES:</p> <p>FR:</p> <p>PT:</p>
2.4.2 Transnational experience	<p>EN: P.I. with 20 years of experience in scientific research, working in three different European countries. Involved in EU FP7, H2020, Interreg AA, European Science Foundation projects, ICES WGs. Supervised 10 postdocs, 15 PhD students (11 completed). Currently hosting a Marie Skłodowska Curie Fellow.</p> <p>ES:</p> <p>FR:</p> <p>PT:</p>
2.4.3 Role in the project	<p>EN: Full Partner with primary involvement to coordinate WP4 (Methods for the Control of Labeling and Traceability), which will involve developing, optimising and standardising techniques for Commercial Designation, Production Method, Durability and Catch area.</p> <p>ES:</p> <p>FR:</p> <p>PT:</p>
2.4.4 Describe the activities that your organisation is going to implement in the project	<p>EN: #Follow up of activities participated and coordinated by USAL (WP1), involvement in the Steering Committee (SC). #Collaboration in all dissemination actions (WP2), including the organization of a Travelling Exhibition in U.K., participation in the design of the logo, website and audiovisual material; scientific dissemination in conferences and publications on technical journals; publication of press releases and collaboration with social media. #Participation in actions 1 and 2 for Capitalization of project outcomes (WP3): pilot implementation of the Virtual Reference Center and creation of SEA-TRACES network of expertise #Coordination of WP4 actions for the development, validation and implementation of analytical methods for seafood authentication. #Participation in every action of the WP5, including the building of databases and design of the FISH FIT tool. Organization of a training workshop about species authentication methods.</p> <p>ES:</p> <p>FR:</p> <p>PT:</p>
2.5 Contact person	
2.5.1 Name	Stefano Mariani

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2.5.2 Email	s.mariani@ljmu.ac.uk
2.5.3 Phone	0044 0151 904 1540
2.5.4 Address	LJMU School of Natural Sciences and Psychology, Tom Reilly Building, Byrom St
2.5.5 Post code	L3 3AF
2.5.6 City	Liverpool
2.5.7 Country	United Kingdom
2.6 Legal representative	
2.6.1 Name	Belinda McGuinness
2.6.2 Email	b.mcguinness@ljmu.ac.uk
2.6.3 Phone	0044 151 904 6135
2.6.4 Address	LJMU, 2nd Floor Exchange Station, Tithebarn Street
2.6.5 Post code	L2 2QP
2.6.6 City	Liverpool
2.6.7 Country	United Kingdom
2.6.8 Date of entering into functions	2015-02-26
2.6.9 Probative document of the Legal representative	Anx_18388/2019 Anx_18391/2019 Anx_18593/2019
2.7 Bank account	
2.7.1 IBAN	GB53BARC20510170571024
2.7.2 SWIFT	BARCGB22
2.7.3 Bank	BARCLAYS BANK PLC.
2.7.4 Bank Account Owner	LIVERPOOL JOHN MOORES UNIVERSITY
2.7.5 Bank Account Country	United Kingdom
2.7.6 DTCC Code	
2.7.7 Bank Statement	Anx_18390/2019 Anx_18387/2019
2.8 Co-financing declaration	
2.8.1 Document date	2019-08-20
2.8.2 Co-financing declaration	Anx_18389/2019
2.9 State aid declaration	
2.9.1 Date	2019-06-18
2.9.2 State Aid Declaration	Anx_18392/2019
3. Brief Summary	
3.1 Brief Summary	EN: Seafood fraud has been recognised by EFSA in 2015 as an emergent risk. SEA-TRACES will help preventing fraud by: • Developing new and standardised authentication techniques (i.e. species, geographic origin, fresh/thawed, etc) • Creating a VIRTUAL REFERENCE CENTER for managing

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seafood reference tissues, specific DNA sequences and SOPs (LABELFISH and newly developed) • Determining the requirements of consumers and involving them in the process of ST&L • Demonstrating the benefits of ST&L

ES:

En 2015, EFSA reconoció el fraude en productos de la pesca como un riesgo emergente. SEA-TRACES ayudará a prevenirlo: • Desarrollando nuevas técnicas de autenticación estandarizadas • Creación de un CENTRO DE REFERENCIA VIRTUAL para gestionar tejidos de referencia en productos pesqueros, secuencias específicas de ADN y SOPs • Determinando los requerimientos de los consumidores e involucrándolos en el proceso de T&E • Demostrando que T&E producen beneficios

FR:

Les fraudes sur les fruits de mer ont été identifiées par l'EFSA en 2015 comme un risque émergent. Sea-Traces vise à les prévenir par • Le développement de techniques normalisées de certification • La gestion de tissus, de séquences d'ADN et de SOPs par un CENTRE VIRTUEL de REFERENCE • La détermination des besoins des consommateurs et leur implication dans les ST&L • La démonstration des gains créés par les ST & L

PT:

A fraude em produtos da pesca foi reconhecida como um risco emergente pela EFSA em 2015. SEA-TRACES vai ajudar a prevenir a fraude ao: • Desenvolver novas técnicas de autenticação, padronizadas • Criação de um CENTRO DE REFERÊNCIA VIRTUAL para gerir um banco de tecidos de produtos da pesca, sequências de DNA específicas e SOP • Determinar as necessidades dos consumidores e envolvendo-os no processo de R&E • Demonstrar que a R&E produz benefícios

3.2 Explain eventual modifications in relation to the submitted EOI

EN:

The brief summary now clearly shows the main outputs that SEA-TRACES intends to deliver during implementation, and although the objectives were maintained, they are now displayed sequentially and in a more focused way.

ES:

FR:

PT:

4. Project Description

4.1 Overall objective

EN:

The general objective of SEA-TRACES is to demonstrate to stakeholders and consumers that Labeling and Traceability are essential to protect and valorize Atlantic Area's fisheries and aquaculture. Illegal fisheries, fraud and mislabeling are the main issues representing a serious risk to the existence of this important economic activity for the Atlantic Area Regions. The main actors, producers, industry, markets and consumers should be aware of the threat and the available tools which will empower them to adopt a responsible attitude towards the production, marketing and buying of seafood. SEA-TRACES will demonstrate, through case studies in different regions, how innovative implementation of traceability and labeling instruments will facilitate and increase the marketing and revenues, thus acting as a driving force to inspire other companies to adopt similar strategies. Consumers and industry are meant to find agreements about how product information has to be delivered and obtained in order to maximize the information flow, SEA-TRACES will foster these encounters and workshops. Appropriate analytical tools are

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essential for the compliance with latest labeling regulations; SEA-TRACES will develop, test and implement new tools for the verification of Labels. Administration, Control and Research Labs are the main actors involved in label analysis and control, involvement of these actors in newly virtual platform will allow SEA-TRACES test the feasibility of transferring results

ES:

FR:

PT:

4.2 Common Challenge

4.2.1 Common Challenge

EN:

The maritime dimension characterizes Atlantic Area regions (AAR), whose economies rely significantly on marine resources (1). However, some of these regions exhibit low innovation levels, especially in sectors, like seafood production, which also show the greatest potential for growth(2). This could be significantly boosted with the implementation of tools for distinguishing their high quality products. SEA-TRACES challenge is to demonstrate that implementing these tools in AAR will foster competitiveness of the sector. Two areas of the seafood sector have been selected for demonstration: Bivalve Culture (69% of EU production)(1) and Artisanal fisheries(3), both pillars of Blue Growth in these regions. In AA, more than 90% of businesses from both sectors are SMEs, threatened by their low innovation and growing markets from outside EU. In line with Specific Objective 1.1 and both national and regional strategies(4), SEA-TRACES will stimulate the valorization of AAR resources and reinforce consumers' perception of quality-linked-to-region. For this, SEA-TRACES will develop methods to control labeling, create an online European tool for combating fraud, involve consumers and raise their awareness on seafood labeling and traceability, and demonstrate that this will create benefits and value for the AA SMEs. SEA-TRACES will show that each of these aspects are essential to protect AA seafood, and that their balance will assure the future of these traditional production activities

ES:

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PT:

4.2.2 Explain modifications in relation to the submitted EOI

EN:

SEA-TRACES will focus in Bivalve Culture and Small Scale Fisheries, whose socioeconomic value is of paramount importance in AA regions. Both activities reinforce the people attachment for the territory, enhancing social stability in rural and peripheral areas. The challenge is now better explained. Figures and quotations have been inserted to demonstrate the previous identification of needs. REFERENCES: (1)Facts and Figures CFP, 2016 (2)Strategic Environmental Assessment of transnational Cooperation Programme of the Atlantic Area for the programming period 2014-2020 (3)García-Flórez et al. (2014). A novel and simple approach to define artisanal fisheries in Europe, Marine Policy.44 152-159 (4)Regional S3: Galicia Challenge 1, Priorities 1.2 & 1.4; Basque Country opportunity niche AGRI-FOOD INDUSTRY; Central Portugal Axis 1; Bretagne Area 3. National: Food Safety Strategy 2016-2018 Ireland; Food Crime Annual Strategic Assessment 2016 (FSA) and Food Authenticity Programme/AMWG (DEFRA)

ES:

FR:

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	PT:
4.3 What is new?	
4.3.1 What is new?	<p>EN: The main difference between the previous LABELFISH and the SEA-TRACES proposal is: LABELFISH detected seafood traceability and labeling (ST&L) issues in Atlantic Area: #mislabeling rate (4.93%) in important seafood products in six European countries, i.e. tuna and gadoids; #lack of harmonized control tools for the authentication of fish species and consumers' awareness; #reluctance of industry to implement full traceability and importance of having transparent labeling systems. Based on these findings, SEA-TRACES goes further and will: #expand SOPs and tools to other species groups (i.e. mollusc and crustaceans, improve the robustness of tuna identification tools), exploring more “portable” diagnostic methods and mixed-product analysis; #develop new tools to address the harmonized control of other information required by EC 1379/2013 (i.e. geographic origin, best before date, frozen & thawed fish, etc..) not dealt with in LABELFISH; #provide tools to combat fraud by involving official labs in a virtual reference center (which will be transferred and managed by Joint Research Centre in Ispra); #involve consumers to plan strategies and tools to overcome the weakness on ST&L through transnational workshops. Opening of new communication channels with industry to discuss about ST&L and reach a consensus to develop an effective strategy; #involve stakeholders to use ICT systems for ST&L (pilot actions and case studies). Demonstration of its impact through socioeconomic studies.</p> <p>ES: FR: PT:</p>
4.3.2 Explain modifications in relation to the submitted EOI	<p>EN: Main modification was directed to highlight the differences with the recently completed Labelfish project, and also by offering a progressive description of the achievement of objectives by the designed WPs structure.</p> <p>ES: FR: PT:</p>
4.4 Transnational approach	
4.4.1 Transnational approach	<p>EN: The existence of ST&L problems is a European-wide concern with major impact on AAR, since their economies are based on local seafood producers whose survival can be threatened by the entrance of low price seafood products with lower traceability and labeling requirements. SEA-TRACES will contribute to counteract this situation by addressing the following challenges: standardized and fast authenticity methods, improved control, consumers' awareness and involvement of stakeholders. WPs were designed take into account different AAR perspectives, fostering the exchange of successful experiences. SEA-TRACES aims to impact and extend results to the rest of EU, reinforcing AA regions as major producers of seafood. SEA-TRACES will address the EU lack of standard methods for seafood authentication, while the Virtual Reference Center will provide all stakeholders with a collaborative tool to support a public and open movement of knowledge, reinforcing a EU problem-solving capacity needed to address fraud. SEA-TRACES events</p>

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	<p>are designed to involve different audiences at transnational level: general public (exhibitions in WP2), consumer associations, NGOs, stakeholders (WP6), control labs training workshops (WP5) and researchers (ISLAS 2020 in WP2). SEA-TRACES case studies and pilot actions from different AA regions will promote synergies and mutual learning among territories, while the capitalization strategy is designed to secure the effective transnational long-term impact of results.</p> <p>ES: FR: PT:</p>
4.4.2 Explain modifications in relation to the submitted EOI	<p>EN: The modifications were focused to better describe the main efforts devised by the consortium to strengthen the transnational approach.</p> <p>ES: FR: PT:</p>
4.5 Cooperation intensity	
4.5.1 Joint development (mandatory)	<p>EN: Coordinated by CSIC, the development of the project proposal was made possible by the close collaboration of the whole partnership and the intense communication among partners, mainly via email or skype, but also with face-to-face meetings (7). All partners participated in an open discussion of the WorkPlan and actions to be implemented by each partner (with major contribution from WPLeaders) and provided inputs to address the recommendations about EOI. Full partners calculated their own budget</p> <p>ES: FR: PT:</p>
4.5.2 Joint implementation (mandatory)	<p>EN: SEA-TRACES is a transnational and interdisciplinary consortium in which required skills and expertise to deliver project outputs can only be provided by the partnership as a whole due to the complementarity of its members. A joint implementation will be guaranteed thanks to a balanced distribution of tasks among partners according to their areas of expertise: WP1, WP2, WP3: all partners WP4: 1-2, 4-6, 8-10, 12,14-15, 17-19 WP5: 1-2, 4-6, 8-10,14, 16-19 WP6: all partners WP7: 1-3, 5-10, 11-15</p> <p>ES: FR: PT:</p>
4.5.3 Joint staffing (mandatory)	<p>EN: Management structures of the project have been openly discussed among partners, appointing the necessary roles to coordinate and take part of the responsibility at project or WP scale in a balanced way and without duplicating functions. The core coordination team belongs to CSIC (with support of external staff), while a Steering Committee (with WPLeaders) and an Advisory Board (P1, P2, P10, P13, P16, P18, P19) have been set as decision-making and quality assessment bodies, respectively.</p> <p>ES: FR: PT:</p>

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4.5.4 Joint financing (mandatory)	<p>EN: The total project budget is divided between all the full partners according to a balanced distribution of activities to be carried out by them. Every partner has calculated the own budget. All the full Partners of the project will contribute financially to the project resources, providing own funds as match funding to cover the budget needs not covered by the ERDF Programme Funds.</p> <p>ES: FR: PT:</p>
4.5.5 Joint capitalization	<p>EN: SEA-TRACES involves partners from key regions of the AA with complementary areas of influence. The capitalization strategy will be implemented not only through the specific WP3, but also at every WP level. All partners will have distributed responsibilities in the effective capitalization of project outcomes. An Advisory Board (P1-2, P10, P13, P16, P18-19) and a Quality Control System will be implemented for the external and internal assessment of capitalization and project impact.</p> <p>ES: FR: PT:</p>
4.5.6 Joint enabling of long term effect	<p>EN: SEA-TRACES has planned the participation of institutions whose missions are deeply related with the objective and results of this proposal. Every AA country is represented, this secures that results will have an effect throughout the area. Furthermore, the participation of two international organizations will help extending this effect outside the AA. WP3 has been tasked to promote the long term effect, to which all full partners and several associated will contribute.</p> <p>ES: FR: PT:</p>
4.5.7 Others	<p>EN: Nothing to add</p> <p>ES: FR: PT:</p>
4.6 Partnership consistency	
4.6.1 Partnership consistency	<p>EN: This proposal aims to demonstrate to producers and consumers that traceability and labeling protects resources, local economy and consumers. Although the composition of the present partnership benefits from the previous experience of the Labelfish consortium, there have been relevant incorporations this time (AZTI research and control laboratory in Basque Country, MNHN expert on bivalves identification in France, U. of Aberdeen expert on social studies), it also incorporates producers, either as full partners or associated, and the number of public control institutions has significantly expanded. The proposal includes partners which cover the whole value chain: from producers, administration, consumers up to research groups. These actors are needed to tackle the most prominent problems related with the correct identification, sourcing and valorization of seafood: legislation, techniques and control, economic sustainability, proper reception of the</p>

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	<p>transmitted information and consumption. The partnership includes a 31,6 % of public research and Universities, 21% of Non-for-Profit organizations, 36,8% of Public Bodies and 10% of private entities (SMEs). The consortium is composed by 10 Full Partners and 9 Associated partners, being two of these International organizations. All Atlantic area countries are represented, additionally one German institution and European institution participate, giving a European dimension to this proposal.</p> <p>ES: FR: PT:</p>
4.6.2 Explain modifications in relation to the submitted EOI	<p>EN: The number of Associated partners have been increased, relevant institutions for the proposal were incorporated as associated partners: Joint Research Centre from Ispra (JRC leads research on food fraud in EU, e.g. fish or wine. JRC provides a metrological interlaboratory comparison scheme for benchmarking of lab performance), MAPAMA (Spanish ministry in charge of fisheries), CICC-AECOSAN (Official Control of consumer products in Spain, the Bioanalysis Department perform species identification of meat and fish products using DNA techniques), Laboratoire de Marseille - Section "Produits de la mer" (French Official Control of Seafood).</p> <p>ES: FR: PT:</p>
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	<p>EN: • Standard Analytical Methods (WP4) to support the control of the full implementation of Regulation (EU) No. 1379/2013 will be developed: Fast ID and authentication of challenging species (tuna), crustaceans and molluscs; Geographic Origin (mussels, oysters, anchovies and cod); Production Method (farmed vs. wild), in particular with sole and turbot; Best-before-Date; Frozen/ Thawed, injected water (fillets of whitefish). Other main outputs (WP5): SEA-TRACES DNA databases and biobank; FISH FIT (tool for analysis of DNA sequences) and international Training workshops for laboratory personnel. RESULT: EU official control labs provided with SOPs, tools, resources and skills to implement a better seafood control for decreasing mislabeling. Consumers provided with trustworthy information through reliable labels • Creation of a self-sustained Network of Expertise (WP3). RESULT: a referent body for academia, industry and public authorities at international level, with joint problem-solving capacity to meet future challenges on this field. • Development (WP5) and pilot implementation (WP3) of a Virtual Reference Center for Seafood Authentication (VRCSA). RESULT: Improved and harmonized performance on ST&L control by competent authorities (managed by JRC) • Recommendations for improved seafood labels arisen from the close collaboration between consumers and industry at transnational level (WP6). Involvement of EU Consumers associations, CoR and relevant stakeholder associations to promote better labels (WP3). RESULT: Win-win situation. Strategy for consumers' information. • Analysis of the results obtained in case studies and pilot actions with the involvement of industrial partners and stakeholders from the seafood sector (producers and farmers) focused on the implementation of ST&L schemes and innovative marketing tools (WP7). Transnational demonstration of their</p>

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	<p>benefits for the fishing and aquaculture sector (WP3). RESULT: Increased benefits for producers, reinforcement of AA global position. • Dissemination material for the communication of results to different audiences. International Conference ISLAS 2020 to showcase all SEA-TRACES achievements and results. RESULT: increased awareness on ST&L and consequences of mislabeling. Promotion of a responsible consumption behavior INDICATORS: (CO01): 5; (CO42): 6; (OA1): 7; (OA2): 45; (OA3): 6; (PI01): 19; (PI02): 28; (P103): 5; (PI04): 105; (PI05): 23617. TARGET GROUPS: researchers, control labs, consumers, industry, primary producers and fishing communities.</p> <p>ES: FR: PT:</p>
4.7.2 Explain modifications in relation to the submitted EOI	<p>EN: In EOI Outcomes and Results were not correctly identified, now the content of the sections reflects outcomes and results structured by workplan. Target groups have been ordered in line with workplan.</p> <p>ES: FR: PT:</p>
4.7.3 Who will use the main outputs?	National public organisations, Regional public organisations, Local public organisations
4.7.4 Involvement of target groups	<p>EN: RESEARCHERS: in several WP and Actions, WP2 (Scientific publications, organization of ISLAS 2020, attendance to conferences) WP3 (Network of Expertise), WP4 (development and validation of new methods), WP5 (exchanging tissues and DNA sequences), WP6 (researchers from Social Studies) WP7 (researchers from the Economy field will apply models to evaluate the potential of creating value) CONTROL LABS: as associated partners (WP1, some in AB), targets of specific dissemination actions (WP2) also as participants in WP3 Action 1 (network of expertise) and Action 2 (Virtual Reference Center), WP4 Action 5 (implementation of validated methods), in WP5 Action 4 (training workshops). CONSUMERS AND INDUSTRY: targets of dissemination (WP2, several actions) participants in WP3 Action 3 and Action 4, WP6 all actions. PRIMARY PRODUCERS AND FISHING COMMUNITIES: targets of dissemination (WP2, several actions), WP3 in Action 4 (new pilot actions), WP7 all actions.</p> <p>ES: FR: PT:</p>
4.8 Long-term effects	
4.8.1 Long-term effects	<p>EN: SEA-TRACES activities have been defined so that project outcomes could lead to effective tools and measures resulting from the close cooperation of entities with complementary expertise and the involvement of agents with proper competencies or capacity for action. Engagement of industry and consumers will allow creating effective labeling and traceability schemes, ensuring the success in valorizing local seafood resources. Demonstrating the socioeconomic benefits attained through case studies will have a call effect to other SMEs and assure the financial sustainability of these tools. Regional authorities will be informed on conclusions from consumer studies</p>

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	<p>so that actions could be taken to improve labeling accordingly. Standard Operation Procedures will be produced to overcome the lack of analytical methods to verify challenging information in seafood labels. LABELFISH set a first contact with Official Control Labs from all the countries, which showed now willingness to test and implement SOPs resulting from SEA-TRACES. Industry will be also relevant as they will verify the quality, freshness or origin of products, especially those traded under a PDO figure. Both initiatives would ensure the durability of outcomes transferred to industry and authorities, reverting in higher quality of seafood products. SEA-TRACES seeks to reach an agreement with JRC so that full operation of the VRCSA in a transnational context could be guaranteed beyond the project duration.</p> <p>ES: FR: PT:</p>
4.8.2 Explain modifications in relation to the submitted EOI	<p>EN: Not modified</p> <p>ES: FR: PT:</p>
4.8.3 The effects are expected for the next 5 or 10 years?	<p>EN: As explained before, and since analytical methods are improving continuously, we expect an effect for the next 5 years regarding WP4 (methods) and WP5 (FISH FIT). We foresee longer effects for WP6 and WP7 and we can expect an impact of both for ten years. We also expect a long effect of WP3, especially regarding the Virtual Reference Center, since this type of initiatives are already being considered for other related subjects, such as establishment of a centralised electronic database at EU level for the Catch Certificate to combat IUU.</p> <p>ES: FR: PT:</p>
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	<p>EN: SEA-TRACES is clearly related with the fight against fraud and lack of traceability in seafood value chains, which often masks IUU fisheries. Appropriate labeling and traceability have been pointed as key elements contributing to sustainability of EU fisheries. At this regard, the European Regulation EU1379/2013 has entered into force, contributing to both “the traceability of fishery products and access to clear and comprehensive information for consumers”. For this purpose, the following mandatory information must be labeled on fishery and aquaculture products: 1) scientific name and commercial designation; 2) production method (i.e. caught or farmed); 3) area where the product was caught or farmed; 4) whether the product has been defrosted; 5) date of minimum durability. This information must be reliable and absolutely credible for the consumer. However, there are no standardized analytical methods to verify and contrast this information</p>

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and, thus, to implement control plans in a harmonized way across the Atlantic Area and European region. At this regard, the project itself will not lead the fight against fraud in seafood products, since this competency is in the hands of the European, national and regional public control authorities. However, project outcomes will provide these actors with the tools, knowledge and skills needed, fostering the implementation of an effective control plan on traceability and labeling of seafood products. Also, the pilot actions and case studies to be implemented in the different Atlantic regions will demonstrate that implementing good practices and innovative schemes related with traceability and labeling, combined with improved marketing ITC tools, can result in increased benefits for local producers. A socioeconomic study analyzing the impact of such initiatives on fishing villages and production areas will objectively support this demonstration. Taking all these into account, the protection of natural resources and its sustainable exploitation by seafood sector and industry will be an expected legacy of the project. As for the implementation of SEA-TRACES, an environmentally friendly and low carbon project will be promoted through the following specific actions by the partnership: •Including green public procurement criteria (when possible). •Promoting the use of audiovisual and non-printed dissemination materials such as: videos, documentary films, app, e-book, social media and blog... covering the engagement of different types of audience. •Reducing CO2 emissions caused by travelling by promoting: 1) alternative modes of interaction (e.g. skype meetings), 2) greener mobility options and 3) an efficient calendar of face-to-face meetings and dissemination events, so that number of travels could be lowered to essential.

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:

The whole SEA-TRACES partnership declares its commitment with the effective removal of discrimination and the guarantee of equal opportunities in the areas of education, training, dissemination and other activities, which have been designed and will be implemented in a way that the different categories of population are targeted. Small Scale Fisheries (SSFs) have been generally neglected in Europe by fisheries scientists and management at national and supranational levels due to the underestimation and under-appreciation of the social and economic value of the contribution of SSFs to societal well-being (1). Although SSFs are often ignored or marginalized because of their comparatively low economic value (2), they are important in terms of employment, and may be locally important in economic terms. SEA-TRACES will work on reinforcing their role in the attachment people feel for their territory and the enhancement of social stability in rural and peripheral areas. Aquaculture is a key seafood sector in Atlantic countries such as U.K., France and Spain, as main European producers. In accordance with recent data published by the European Commission (3), nowadays there are more than 14.000 aquaculture companies operating within the EU, from which 90% are micro-companies (less than 10 employees). Taking this into account, it must be remarked that there are specific initiatives to be carried out

Project Approved Form

	<p>during the implementation of SEA-TRACES whose objective is to empower and promote traditional economic activities, such as artisanal fisheries of fishing villages or aquaculture sector (WP7). The full impact of innovative instruments developed will be studied, addressing the potential increase in both benefits and local jobs, and if this is the case the opportunity for new economic activities (valorising fishing related activities). REFERENCES: (1) Garcia, S.M., Allison, E.H., Andrew, N., Béné, C., Bianchi, G., De Graaf, G., Kalikoski, D., Mahon, R.L., Orensanz, L. 2008. Towards integrated assessment and advice in small-scale fisheries: principles and processes. FAO Fisheries and Aquaculture Technical Paper No. 515. (2) Guyader, O., Berthou, P., Koustikopoulos, C., Alban, F., Demaneche, S., Gaspar, M., Eschbaum, R., Fahy, E., Tully, O., Reynal, L., Albert, A. 2007. Small-Scale Coastal Fisheries in Europe, Final report of the contract No FISH/2005/10, http://ec.europa.eu/fisheries/publications/studies_reports_en.htm (3) https://ec.europa.eu/fisheries/sites/fisheries/files/docs/body/2015-aquaculture-facts_en.pdf</p> <p>ES: FR: PT:</p>
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	<p>EN: The principle of gender equality will be applied by all the members of the partnership, being committed with providing equal opportunities and equal treatment for men and women. As it is stated in the Atlantic Area Cooperation Programme: “this principle will be particularly taken into consideration for Priority Axis such as Priority Axis 1 or Specific Objective 1.1 and 1.2 to promote innovation by implementing actions contributing to raising the number of women in the R&D sector”. At this regard, SEA-TRACES will guarantee gender equality in all the disseminating and training workshops. As for the project implementation, the presence of women will be promoted and its proportion in the coordination team will be 75%, while gender equality principles will be applied in the appointment of newly hired staff by partner organizations</p> <p>ES: FR: PT:</p>
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	2

Work package type	Activity name	Start date	End date
WP Nr. 0 Project Preparation	Preparation	2015-11-02	2016-12-21
WP Nr. 1 Project coordination	Coordination	2018-01-01	2021-06-30
WP Nr. 2 Project Communication	Communication	2018-01-01	2021-06-30
WP Nr. 3 Project Capitalization	Capitalization	2018-01-01	2021-06-30
WP Nr. 4 METHODS FOR THE CONTROL OF LABELING	METHODS FOR THE CONTROL OF LABELING	2018-01-01	2021-06-30
WP Nr. 5 FISH FRAUD IDENTIFICATION iTOOL (FISH FIT)	FISH FRAUD IDENTIFICATION iTOOL (FISH FIT)	2018-02-01	2021-01-31
WP Nr. 6 CONSUMERS	CONSUMERS	2018-01-01	2020-09-30
WP Nr. 7 STRATEGIES FOR CREATING ADDED VALUE	STRATEGIES FOR CREATING ADDED VALUE	2018-01-01	2021-06-30

WP Nr. 0	Activity	Activity start year and month	Activity end year and month	Activity budget
14	Project Preparation	2015-11-02	2016-12-21	16,000.00€
Partners' involvement				
Partner responsible		1		
Partner involved		1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19		

Implementation summary

A joint development of the project proposal was achieved thanks to the active collaboration of all the partners. Throughout the preparation of the project proposal, the following activities were carried out: BEFORE APRIL 2016 At a very early stage, the initial core partners from the LABELFISH project (CSIC, IPMA, INDIGO, USAL, MRI) started working on the definition of the project main R&D&I lines in the last quarter of 2015. CSIC coordinated communications among partners (via email, skype meetings, phone calls...) and started communications with the Joint Secretariat (Porto Technical office of Atlantic Area Programme) as well. On 11th November of 2015, a face-to-face meeting was held in Porto, organized by the Lead Partner (CSIC) with the assistance of an external company. Three representatives from CSIC, two representatives from IPMA, one representative from INDIGO and one representative from MRI attended the meeting, while the representative from USAL participated via Skype. The following key aspects were consensually agreed upon: - Strategy for the new proposal: building on the results from LABELFISH and addressing remaining important gaps. - Need to involve all the 4 type of actors: public authorities, society, industry and research. - Potential working lines and identification of potential partners. An agenda was prepared by CSIC prior the meeting and minutes were produced and circulated among partners with main conclusions and internal deadlines to organize the work ahead. Brief documents to present the project to potential partners were produced and contacts were established and maintained with different actors from industry, public sector and research by all these partners during the first quarter of 2016. Costs associated with these actions included: human resources (each partner involved) and corresponding office and administrative costs, travel and accommodation of attendees to the meetings and to establish contacts with potential partners (each partner involved), booking of the venue for the meeting (P1) and catering service (P1), external support (P1). PREPARATION OF EOI (From April to end of May 2016) CSIC led the coordination and preparation of the Expression of Interest, with the assistance of an external company with previous experience in the coordination of Atlantic Area Projects. Also, the Lead Partner was responsible for: - promoting a fluent and effective communication among partners. - channelling communications with Joint Secretariat and National Correspondents. - preparing and distributing among partners guiding documents with relevant information about the Programme's principles and templates for the estimation of the budget with practical tips and eligibility rules. - attended to a specific workshop for the preparation of the EOI organized by Xunta de Galicia in Santiago de Compostela on 29th April. All participants were involved in the preparation of the EOI and, more concretely, in: - Preparing a first draft of the WorkPlan of the project, defining work packages and actions. - Determining roles of each partner and the specific involvement in each action. - Preparing the own budget calculation based on the involvement on project activities. - Preparing the specific information required in the EOI. Costs associated with these actions included: human resources (each partner involved), travel to attend the Atlantic Area workshop (P1), external support (P1). PREPARATION OF FULL APPLICATION (From September to December 2016) CSIC led the coordination and preparation of the Full Proposal, with the assistance of an external company. Also, the Lead Partner was responsible for: - maintaining effective communication among partners. - channelling communications with Joint Secretariat and National Correspondents. - supporting partners in the final estimation of the budget. - attended to a specific workshops for the preparation of the FA organized by Xunta de Galicia in Santiago de Compostela on 11th November. All participants were involved in the preparation of the proposal and, more concretely, in: - Providing the information about each partner organization. - Making a revision of the proposal taking into account the recommendations suggested by the Member States and the Joint Secretariat regarding the EOI. - Discussing and preparing the final version of the WorkPlan of the project, defining work packages and actions, with a major contribution of partners responsible for WP since they coordinated the discussion of the led WP in each case. - Determining roles of each partner and the specific involvement in each action. - Defining a joint strategy of communication and capitalization. - Preparing the own budget calculation based on the involvement on project activities. Costs associated with these actions included: human resources (each partner) and corresponding office and administrative costs, travel to attend the Atlantic Area workshop (P1), external support (P1) The distribution of preparation costs among partners was made in a transparent way, with the agreement of all the partnership: - 530€ per partner to cover Staff and Travel and Accommodation costs during the preparation of the proposal - 11,200€ to Lead Partner to cover: 1) Staff Costs, Travel and Accommodation costs and the expenditure made due to the organization of the face-to-face meeting held in Porto (including the rent of the venue, catering and meals) 2) Technical Assistance in the preparation of the proposal (Staff costs and Travel and Accommodation of the person who organized and attended the meeting in Porto)

WP Nr.1	Activity	Activity start year and month	Activity end year and month	Activity budget
42	Project coordination	2018-01-01	2021-06-30	440,993.35€
Partners' involvement				
Partner responsible		1		
Partners involved		1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19		

Implementation summary

The management structure has three organizational levels: 1. A Coordination team (CT) with 3 staff members from CSIC assisted by an external company, carries out the day-to-day project management. CT is headed by Project Coordinator (PC-Carmen G. Sotelo), responsible for the overall technical, scientific and organizational implementation. CT members will have the following roles: - Technical Manager: assists PC in preparation of meetings and reports, as well as in the general supervision of the project implementation. - Quality & Risk (Q&R) Manager: implements the Q&R control systems throughout the project's lifetime. - Finance Officer: monitors the financial execution of the project, supporting partners in the preparation of financial claims and coordinating the submission to JS. 2. A Steering Committee (SC), chaired by PC and composed by WP leaders, is an internal decision-making and arbitration body. SC will meet twice a year to supervise the project implementation, receive and analyse AB and Q&R inputs on: - Activities and dissemination plan - Budget expenditure and degree of output achievements. Balance of 3E's - Goals and achievements of capitalization of results Advisory Board (AB) is formed with representatives from P1, P2, P10, P13, P16, P18 and P19, it will meet once a year to address project development and quality of results. Additionally, external experts from academia, industry, consumers or authorities with competences in food traceability and control will be invited to participate AB meetings on a regular basis. A Q&R Team (Q&R) will evaluate a risk external audit and the risk analysis and response plans. 3. Activity Coordinator (AC): appointed by each WP leader, responsible for its technical monitoring and coordinating the production and the timely achievement of deliverables. CT will be responsible for communication with the Atlantic Area Programme (AAP), JS and between partners. Communication within the partnership will be facilitated through face-to-face meetings twice a year, attended by partners' representatives. Alternative communication channels (phone, e-mail, skype, online management platforms, etc.) will be fostered and used regularly. Quality Control and Risk Management systems will be implemented: - A Q&R annual execution plan based on key impact indicators will be agreed by SC. - The degree of accomplishment will be assessed in meetings as part of the internal Q&R System (Action 3). - Q&R manager and CT will lead a joint evaluation of achieved milestones, unexpected difficulties/ deviations, potential needs for financial/technical revisions, and the definition of the project strategy for the following year.

Agencia Estatal Consejo Superior de Investigaciones Cientificas	Internal staff	3 people involved (in full-time equivalent)
	Jobs to be created	1 person (in full-time equivalent)
	External staff (outsourcing)	3.6 people involved (in full-time equivalent)
	Technical resources involved	Molecular Biology Lab with several PCR thermocyclers, Real-time PCR, DNA extraction, PCR cabinets, centrifuges, bath electrophoresis units, image reader and other regular equipment.

Instituto Português do Mar e da Atmosfera, I.P.	Internal staff	0.4 person involved (in full-time equivalent)
	Jobs to be created	1 person involved (in full-time equivalent)
	External staff (outsourcing)	0.2 person involved (in full-time equivalent)
	Technical resources involved	Molecular Biology Lab with several PCR thermocyclers, Real-time PCR, DNA extraction, PCR cabinets, centrifuges, baths electrophoresis units, image reader, and other regular equipment
Indigo Rock Marine Research Station	Internal staff	1 person involved (in full-time equivalent)
	Jobs to be created	0.5 person involved (in full-time equivalent)
	External staff (outsourcing)	0.5 person involved (in full-time equivalent)
	Technical resources involved	--
The University of Salford	Internal staff	0.3 person involved (in full-time equivalent)
	Jobs to be created	1 person involved (in full-time equivalent)
	External staff (outsourcing)	NO external staff involved
	Technical resources involved	Molecular Genetics Laboratory; Second- and third-generation sequencing equipment; computing power; media resources.
Max Rubner-Institut	Internal staff	0.6 person involved (in full-time equivalent)
	Jobs to be created	1 person involved (in full-time equivalent)
	External staff (outsourcing)	NO external staff involved
	Technical resources involved	Technical resources owned by partner foreseen for the project implementation: qPCR System: Lightcycler, several Thermocycler, Electrophoresis units, Gel documentation system, UV – and Fluorescence spectrometry systems, NGS and other general units for a molecular laboratory, Microarray reader (Arraytube-microarray); Analysis of stable isotopes of nitrogen (d15N) and/or carbon (d13C) in organic matter, using an elemental analyzer interfaced to a continuous flow isotope ratio mass spectrometer (IRMS).
Muséum National D' Histoire Naturelle	Internal staff	0.5 person involved (full time equivalent)
	Jobs to be created	0.8 person involved (full time equivalent)
	External staff (outsourcing)	0.1 person involved (full time equivalent)
	Technical resources involved	Molecular biology laboratory including Atlantic seafood tissue and DNA banks and technical platform with thermocyclers, Sanger sequencer,NGS- Illumina sequencer
The University Court of the University of Aberdeen	Internal staff	0.2 person involved (full-time equivalent)
	Jobs to be created	1 person involved (full-time equivalent)
	External staff (outsourcing)	1.1 person involved (full-time equivalent) for 12 months
	Technical resources involved	--
Exporsado, Comércio e indústria de productos do mar	Internal staff	3 people involved (full-time equivalent)
	Jobs to be created	2 people involved (full-time equivalent)
	External staff (outsourcing)	1 people involved (full-time equivalent)
	Technical resources involved	Hatchery resources in C. Angulata Development. Basket for production, Machines and boat, Laboratorial work to certificate species and quality
Consello Regulador do Mexillón de Galicia	Internal staff	1 person involved (full-time equivalent)
	Jobs to be created	No jobs created
	External staff (outsourcing)	NO external staff involved
	Technical resources involved	Ability in the detection of different species of mussels in fresh or processed forms by molecular biological methods by a simple patented Trio-PCR and gel-electrophoresis analysis in a qualitative way. Technical resources and equipment: classic gradient PCR machine to amplify DNA target, 2 polyacrylamide-gel electrophoresis and 2 agarose-gel electrophoresis migration system can be used for analysis of result products amplified by PCR; Photo-Imager system to analyze the PCR resulted product on gel after electrophoresis; microcentrifuge system (max. speed 16000 xg) and water-batch can be used for DNA extraction; free access to NCBI data system and Workbench system to do DNA sequence analysis; ultra-freezer (-80oC) to stock DNA samples and tissues samples, and 3 regular freezers for keeping reagents and DNA samples; 37oC regular incubator for bacterial culture; autoclave to do sterilization and an oven to dry materials; two laminar-flow system that can be used for anti-contamination of DNA manipulation.
Fundación AZTI – AZTI Fundazioa	Internal staff	3 people involved (in full-time equivalent)
	Jobs to be created	No jobs created
	External staff (outsourcing)	NO external staff involved
	Technical resources involved	Accredited ISO 17025 Molecular Biology Laboratory including thermocyclers, qPCR Light Cyclers 480, RPA portable fluorescent detectors etc... Fish DNA and Tissue Bank
Xunta de Galicia	Internal staff	
	Jobs to be created	
	External staff (outsourcing)	
	Technical resources involved	
Marine Stewardship Council	Internal staff	
	Jobs to be created	
	External staff (outsourcing)	
	Technical resources involved	
Sea-Fisheries Protection Authority	Internal staff	
	Jobs to be created	
	External staff (outsourcing)	
	Technical resources involved	
Department for Environment, Food and Rural Affairs (DEFRA)	Internal staff	
	Jobs to be created	
	External staff (outsourcing)	
	Technical resources involved	
Keohane Seafoods	Internal staff	
	Jobs to be created	

	External staff (outsourcing)	
	Technical resources involved	
Ministerio de Agricultura y Pesca, Alimentación y Medio Ambiente	Internal staff	
	Jobs to be created	
	External staff (outsourcing)	
	Technical resources involved	
Centro Investigación y Control de Calidad. Agencia Española Consumo, Seguridad Alimentaria y Nutrición	Internal staff	
	Jobs to be created	
	External staff (outsourcing)	
	Technical resources involved	
European Commission, Directorate General Joint Research Centre	Internal staff	
	Jobs to be created	
	External staff (outsourcing)	
	Technical resources involved	
Service Commun des Laboratoires	Internal staff	
	Jobs to be created	
	External staff (outsourcing)	
	Technical resources involved	
Liverpool John Moores University	Internal staff	
	Jobs to be created	
	External staff (outsourcing)	
	Technical resources involved	

Action nr. 1	CONSORTIUM AGREEMENT	01-2018	03-2018
	Preparation of the consortium agreement as a guide for partners with the Transnational Cooperation Programme Atlantic Area rules. The document will form the basis for enforcement of rules and program requirements, reflecting also rights, duties and obligations of every partner. All the partners will be involved in the preparation not only of this document, but also of its corresponding annexes such as the establishment of the management structures, the risk management and quality control plans, Advisory Board composition.		
Deliverables	Partnership Agreement	Contract document between the Lead Partner and the partners, which defines the rights and obligations of the partnership. Risk Management System. Quality Control System.	
Target Indicators	Project reports: 3		
	Partnership constitution	Official establishment of the partnership of the project, the management structure and the basis of both quality control and risk management systems to be implemented throughout the project's lifetime.	
Action nr. 2	PROJECT COORDINATION	01-2018	06-2021
	CT will organize face-to-face meetings every 6 months, with representatives from each partner, to assess project's progress in terms of planning processes and development of objectives. CT will circulate the agenda prior to meetings and prepare minutes to be reviewed by partners. CT will be responsible for communication with JS and partners. Continuous monitoring of on-going activities and upcoming tasks will be done through contact (phone, e-mail, meetings etc.) with partners involved and AC.		
Deliverables	Project meetings	Organization and management of interim project meetings to conduct an intensive follow-up of activities and actions. It includes: kick-off meeting, 5 project meetings and final closure meeting. Meeting minutes and action logs will be produced.	
Target Indicators	Internal project meetings and events: 7 Project reports: 7		
	Sound project management	Follow-up of activities and actions of the project, organisation and management of the committees and meetings, preparation of minutes of all the meetings (coordination and technical meetings), good communication flow in the partnership.	
Action nr. 3	IMPLEMENTATION OF RISK MANAGEMENT AND QUALITY CONTROL SYSTEM	01-2018	06-2021
	Q&R Manager will lead the risk identification audits twice a year on areas of concern (technical, budget, indicators,...) with the involvement of partners. The Steering Committee will discuss risk analysis and mitigation measures for risks having high likelihood of occurrence and severity. Contingency plan will be defined to reduce the potential impact. A control system based on ad hoc key indicators for each WP will be set up by Steering Committee and Q&R Team to monitor outcomes' quality (Annual Execution Plan), and AB will conduct its external assessment annually.		
Deliverables	Risk and Quality assessment instruments	Updated Risk Management, Contingency Plan and set of checklists for risks identification. 3 Annual Execution Plans for quality control. 3 annual reports and a Final report on the internal critical assessment of project implementation and results.	
Target Indicators	Project reports: 8		
	Implementation of a Quality Project	Prevention, mitigation and control of risks that may compromise the project goals. Attainment of high quality results and outputs as a result of an ongoing evaluation of project achievements.	
Action nr. 4	EXECUTION REPORTS AND FINAL REPORT	01-2018	06-2021
	CT will support partners in the preparation of progress reports to meet submission deadlines every six months. AC will coordinate the preparation of consolidated WP technical reports with inputs from participants. Partners should submit at least a financial claim per year. The final report will provide information on the conclusion of WPs and total expenses certified. A critical assessment of project outcomes, effective impact on the Atlantic Area and instruments for long-term legacy will be delivered.		
Deliverables	Execution reports	Six Execution Reports containing evidences of technical and financial execution and dissemination of the project in the 6-month corresponding reporting period. Final Report with main conclusions to be submitted after the project closure.	
Target Indicators	Report reports: 7		
	Report of project implementation in due time and form	Partners receiving support for the preparation of both technical execution reports and financial claims. Regular submission of project reports to JS (twice a year) in due time. Compliance with the Spending Plan presented in the Subsidy contract	

WP Nr.2	Activity	No	Activity start year and month	Activity end year and month	Activity budget
42	Project Communication		2018-01-01	2021-06-30	466,297.72€
Partners' involvement					
Partner responsible		1			

Partners involved	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19
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Implementation summary

Communication strategy: to create an internal environment for transparent, open and with timely communication of results, providing target audience with relevant information about objectives and outcomes. Objectives: to ensure accurate, consistent and timely communication tailored for different types audience (general public, consumers, stakeholders, producers, control labs, administration, academia). Engage them in SEA-TRACES implementation and outcome generation. Provide opportunities to obtain feedback from all potential stakeholders about SEA-TRACES implementation. Tools: WEB and social media, press-releases and interviews, audiovisuals and video, APP for smartphones, workshops, round tables, exhibitions, works and presentations for scientific and fishing-sector professional events and publications, organization and hosting an international conference ISLAS 2020 (International Symposium on Labeling and Authenticity of Seafood). Roles: P1 will coordinate the WP supported by an external services and its own press department. Partners: contribution in every action, information will be released in each country in a coordinated fashion with WP leaders. Associated Partners feedback will be used in each communication action. Approaches/tactics: Press releases will inform the beginning of the project, mid term achievements, finalization and outcomes. In parallel, objectives and outcomes will be presented in main professional and scientific events. Scientific achievements will be disseminated by publication in high impact research journals (Open Access). Exhibitions and ISLAS 2020 will showcase the main outcomes and long-term project results leading to and reinforcing capitalization of outcomes .

Action nr. 1	DESIGN OF PROJECT, WEBSITE AND SOCIAL NETWORKS PROFILE	01-2018	08-2018
	Project brand and website are key elements of the communication strategy. The website will implement functionalities to foster dynamic interaction with stakeholders and consumers (i.e. blog with monthly follow up of project actions); in complementarity with media tools to showcase activities, events, publications, publication of news on the web, etc. SEA-TRACES will encourage smart-use of social media, implementing channels to reach different target audiences (FACEBOOK, Twitter, KUDOS, Researchgate, YouTube).		
Deliverables	Project image, web and social media	Internet communication by using a Website with interactive capacities and social media tools	
Target Indicators	Number of participants	in actions for the dissemination and capitalisation of results: 10000	
	REACHING PEOPLE	The internet and social media will convey SEA-TRACES objectives and outcomes widely. These are essential elements in our communication strategy to reach a high number of interested targets from very different backgrounds.	
Action nr. 2	DEVELOPMENT OF MOBILE APPLICATION	01-2018	05-2020
	A mobile application will be developed as educational material for key audience to communicate benefits of traceability and labeling of seafood in terms of: resources preservation, regional economic impact and consumer empowerment. The information available in the App will be related to the most traded species in the Atlantic Area, possible substitutes, likelihood of fraud, types of processing, where to buy them, sustainability issues, recipes, games, link to SEA-TRACES website and social networks.		
Deliverables	SEA-TRACES Seafood Labeling App	Android and IOS apps with interactive information about most commonly traded species in Atlantic Area. Commercial names and designations for each participating region. Sustainability issues, correct labeling, games and links with SEA-TRACES website.	
Target Indicators	Number of actions for the dissemination and capitalisation of results:	1	
	Increase awareness of consumers on Seafood Labeling	Increase consumer awareness on consequences of mislabeling and IUU fishing, importance of primary sectors for providing quality food and preserving resources, legal fishing real cost and increase the willingness to pay for correctly managed resources	
Action nr. 3	AUDIO-VISUAL AND PRINTED MATERIALS	07-2018	05-2020
	Audio-visuals are key tools to convey information in a fast, effective and widely fashion. Videos, documentary films and games will be developed targeting schools, consumer associations and industry to visually communicate the importance of seafood traceability, the problem of species substitution and effects in the environment and local economy. Printed materials (e.g. leaflets, posters) will be distributed in project events, but with consideration of the environmental impact of such initiatives.		
Deliverables	SEA-TRACES Audio-visuals	A set of audio-visual materials will be produced. It will consist of: six short videos with visual objectives and results (one per participating country), a documentary, a video game and leaflets (same format) produced in six languages.	
Target Indicators	Number of actions for the dissemination and capitalisation of results:	16	
	Visual SEA-TRACES	To make easy and fast transmission of concepts like traceability and seafood labeling, which can be further used in schools and museums after SEA-TRACES is finished	
Action nr. 4	SEA-TRACES ATLANTIC EXHIBITION	02-2019	12-2020
	The dissemination materials designed will be presented together with explanation panels in a traveling exhibition which will be presented in all the countries and organized by P1, P2, P3, P4, P5 and P6. Types of venues will be fish markets and auctions, educational centers, consumer associations, etc. Materials will be focused on explaining traceability and labeling issues with the most important commercial seafood products in Atlantic Area and different approved commercial names in each country.		
Deliverables	SEA-TRACES Exhibitions	The partners will jointly design a set of panels serving as the basis of the exhibition, format will be traveling around the participating regions.	
Target Indicators	Number of actions for the dissemination and capitalisation of results:	6	
	Wide Dissemination of traceability	The exhibition is aimed at disseminating concepts, objectives and benefits of labeling and results of SEA-TRACES. It will involve the participation of most partners. It is expected that exhibition materials can be transferred to interested institutions.	
Action nr. 5	PARTICIPATION IN PROFESSIONAL AND SCIENTIFIC WORKSHOPS AND CONFERENCES. PUBLICATION IN PROFESSIONAL AND SCIENTIFIC JOURNALS	01-2018	06-2021
	Partners will disseminate SEA-TRACES and its results using the following approaches: - attending national and international fairs and conferences dealing with seafood, such as Seafood Brussels, WEFTA, TAFT, Conxemar, SeaWeb Seafood summit... -organizing transnational project workshops and final conference ISLAS 2020, targeted to academia, consumers, industry, fishing producers, labs and control bodies. -publication of main scientific achievements in peer-reviewed international journals. -publications in lay and professional journals and edition of a thematic ebook.		
Deliverables	ISLAS 2020, Participacion in Conferences, Workshops, book, newsletter	Organization of ISLAS 2020, Attendance to main seafood conferences, book on traceability and labeling, Newsletters/Blog	
Target Indicators	Number of actions for the dissemination and capitalisation of results:	31	
	Number of technical and scientific publications produced:	1	
	Project newsletters and other information documents:	6	
	Number of participants in actions for the dissemination and capitalisation of results:	200	
	Shift professional and researcher conceptions about traceability and seafood labeling	Stakeholders in Atlantic area regions change significantly their views and attitudes towards traceability and labeling, seeing them as beneficial tools for increasing revenues. Promote new ideas in research community for better analytical tools.	
Action nr. 6	PRESS RELEASES	01-2018	06-2021
	News will be endorsed by media regularly with updated information about the progress of the project. Fishing magazines, processing industry magazines, and local papers will be contacted.		
Deliverables	Press releases and media interviews	Preparation of press releases, contact with different media to give information about progress and results.	
Target Indicators	Number of actions for the dissemination and capitalisation of results:	25	
	Increase awareness of public and policy makers	The presence in the media of SEA-TRACES will increase awareness of different target audience (fishermen, industry, markets, consumers) catch the eye of the policy makers and promote awareness and impact on policies about traceability and labeling.	

WP Nr.3	Activity	No	Activity start year and month	Activity start end and month	Activity budget
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42	Capitalization	2018-01-01	2021-06-30	182,836.66€
Partners' involvement				
Partner responsible	2			
Partners involved	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19			

Implementation summary

The capitalization strategy will be to connect main output and achievements of each WP with a defined action of WP3. SEA-TRACES has a multi-target approach, having WPs focused to different actors. Besides, an Advisory Board (AB) will ensure that WP3 actions correctly uptake these results and connect with the expected targeted stakeholders. The following actions are considered: 1) Standard Techniques for Seafood Labelling Control (EU1379/2013) (WP4) will be capitalise through FISH FIT (WP5) a web-based tool for facilitating the use of standard and developed methods by control laboratories, it will be accessible through VIRTUAL REFERENCE CENTER for SEAFOOD AUTHENTICATION (WP 3, Action 2). 2) Development of future updated techniques for fighting seafood fraud (WP4) will be at the base for the network on SEAFOOD AUTHENTICITY (WP3, Action 1) 3) Living lab approach to evaluate consumer's preferences and hindrances in relation to SL&T (WP6) will seek the involvement of European associations and European policy makers to foster new SEAFOOD LABELS (WP3, Action 3). 4) Socioeconomic analysis and benefits of implementing and improving SL&T in case studies and pilot actions (WP7) will promote the inclusion of new pilot actions in AA regions (WP3, Action 4). AB will assess the project outcomes to promote the extension of results' applicability beyond the partnership and project's lifetime. AB will review the timely achievement of objectives and outputs, emphasis will be placed on their future capitalization. WP3 coordinated by P2 will involve different steps: 1. To analyse similar successful initiatives with impact on EU, specially AA (LABELFISH, Food Integrity, Fish Trace). P1, P2, P4, P5 and P10 with previous links with some of these projects will contribute by selecting good practices and results from the previous projects analysed. Feedback will be transferred to each WP leader. 2. WP3 implementation: - Identification of key outcomes for potential transfer and capitalization. - Transfer of results to the actions specifically foreseen for this purpose. - Communication targeting end-users inside and outside SEA-TRACES (entities with national, transnational and cross-border scope). Sustainability and continuity of project results will be ensured by: - Full partners of SEA-TRACES will constitute the core of the future network of expertise (Action 1). - Some final users of project outcomes from WP4, WP5 (Action 2) and WP7 (Action 4) have been included in the partnership.

Application of project outputs and results in the Atlantic regions or entities beyond the partnership will be ensured by: - The involvement of associated Partners with a transnational scope of action (Joint Research Center and MSC) and significant influence on Atlantic food control authorities and seafood industry. - Partners from public administration (national level) which already have the mission to support the implementation of national strategies and regulations, thus facilitating SEA-TRACES interactions with relevant policy makers. - The contact with the European Parliament and Committee of the Regions for communicating and transferring achieved outcomes - The organization of capitalization meetings with agents at local and regional level to extend the impact of project outcomes to other entities and regions. - Inviting prominent experts from European, Atlantic and or National entities to act as external observers in the Advisory Board. - The establishment of SEA-TRACES Association as network of expertise in Seafood Authentication, Traceability and Labeling at transnational level. - The organization of International Workshops at Atlantic Area level (WP6) and a Final International Conference (WP2) to disseminate project results and to engage interested stakeholders to get involved in the platforms created. - The implementation of the Virtual Reference Center at European level, with the involvement of the JRC. - The implementation of pilot actions and subsequent socioeconomic studies to demonstrate objectively the benefits of Seafood Traceability and Labeling to extractive, aquaculture and processing industry (WP7). - The implementation of 5 pilot actions and assessment of successful case studies from other Atlantic Area regions, giving more visibility to the project (WP3). - The involvement of other Producer organisations in pilot actions for ST&L implementation, thanks to the possibility of including this type of actions in their production and marketing plans - The dissemination of the main results and findings to industry and producers across the Atlantic Area thanks to the collaboration with associations specific to the fisheries and aquaculture sector, as well as technopoles.

Action nr. 1	SEA-TRACES NETWORK OF EXPERTISE	01-2018	12-2020
	An international network of experts in ST&L will be created for providing knowledge, technology and innovative solutions to promote a transparent seafood supply throughout the AA and EU. The creation of this network will benefit from previous experts in this field compiled by LABELFISH as well as other reference projects and proposals (i.e. Food Integrity, FishTrace, Seamus). It will be economically self-sustained and independent from SEA-TRACES funds to ensure its long-term durability. A complete strategy for the creation of this network will be presented and discussed during the first year of the project.		
Deliverables	SEA-TRACES Network of Expertise	Basis for the foundation of an interdisciplinary, independent and self-sustained Network of Expertise whose duration and members will go beyond project's lifetime and partnership. Production of the First draft of Statutes of the Network.	
Target Indicators	Number of policy, strategy and operational instruments produced: 1 Number of participants in actions for the dissemination and capitalisation of results: 30 Project reports: 1		
	Long-lasting Network of Expertise	The Network is aimed at becoming the academic reference transnational association on seafood traceability, labeling and authentication; a reference entity in Technical Committees and a platform for cooperation with public authorities and industry.	
Action nr. 2	PILOT IMPLEMENTATION OF THE VIRTUAL REFERENCE CENTER FOR SEAFOOD AUTHENTICATION (VRCSA)	02-2019	05-2021
	The objective is to build a VRCSA consisting of a web-based platform with direct interaction and access to SEA-TRACES Network of Expertise, Method Collection and FISH FIT tool. The transnational pilot action to be implemented will be targeted to official control labs, consumers associations, industry or retailers. Involvement of stakeholders is guaranteed thanks to the participation of JRC (EU Reference Laboratory for Food Fraud) and contacts established in LABELFISH and SEA-TRACES implementation.		
Deliverables	VRCSA Launch	Launch of the pilot Virtual Reference Center for Seafood Authentication. Involvement of public bodies, official control labs and interested stakeholders in all the Atlantic Area and European countries.	
Target Indicators	Number of participants in actions for the dissemination and capitalisation of results: 100 Number of case studies and pilot actions implemented: 1		
	Harmonized control	Long-term maintenance of VRCSA and the expansion of the network. European wide platform to open dialogues on authentication questions, which would facilitate the disclosure of bottlenecks and, thus, an improvement of targeted controls by authorities.	
Action nr. 3	COORDINATED ACTION OF CONSUMER ASSOCIATIONS	02-2019	05-2021
	Main outcomes of WP6 (consumers and industry seafood labeling requirements) will be transferred to main European Consumer Associations, CoR and relevant civil society organizations related to seafood. The objective is to stimulate and coordinate interaction between consumer platforms and European policy makers to integrate SEA-TRACES seafood labeling recommendations and ultimately improve the connections between local production and the consumer base, with major involvement of P1 and P7.		
Deliverables	Improving Seafood Labeling	Transference of SEAFOOD LABEL recommendations agreed among consumers and Seafood Stakeholders (WP6 Action 2 & 3) and influence European seafood legislation.	
Target Indicators	Number of policy, strategy and operational instruments produced: 1 Project reports: 1		
	Change in Labels	Modification in labels is expected to result in better information for consumers and economic benefits for the seafood industry of the region. The long-term effect will be a new and more effective labeling system, applicable to every seafood product.	
Action nr. 4	IMPLEMENTATION OF DEVELOPED TRACEABILITY AND LABELING SYSTEMS IN OTHER ATLANTIC REGIONS	08-2018	05-2021
	SEA-TRACES Full and Associated Partners are involved in case studies and Pilot actions from WP7 (Actions 2 and 3), they will be used to showcase benefits of ST&L. The objective is to extrapolate the outcomes to other Atlantic regions and entities beyond the partnership, demonstrating their usefulness. Five new pilot actions that may act as "flagships" in other Atlantic regions will be implemented and evaluated with at least one company in each country, extending the capitalization to seafood producers and industry. Industry associations and technopoles will be contacted to extend project results as much as possible, and capitalization meetings with local/regional agents will be maintained.		
Deliverables	Smart Seafood+	Assessment of flagship case studies in different seafood products from other Atlantic regions and implementation of pilot actions to extend the use of already tested ICTs. Compilation of main conclusions in a project deliverable.	
Target Indicators	Number of case studies and pilot actions implemented: 5 Number of enterprises receiving support: 5 Project reports: 1		

	Safer, Improved and Direct Seafood Trade	Implementing developed traceability and labeling systems in local companies from other Atlantic Regions will give a broader transnational visibility to project outcomes and more lasting legacy, with the corresponding socio-economic impact (see WP7).
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WP Nr. 4	Activity	No	Activity start year and month	Activity end year and month	Activity budget
42	METHODS FOR THE CONTROL OF LABELING		2018-01-01	2021-06-30	1,142,407.49€
Partners' involvement					
Partner responsible		4			
Partners involved		1,2,4,5,6,8,9,10,12,14,15,17,18,19			

Implementation summary

The latest EU Labeling legislation (EC 1379/2013) requires information such as Commercial Designation, Production Method, best-before-date and Catch Area. Efforts to develop standard methods to control this obligatory information have been uncoordinated and inefficient. Furthermore, precedents seafood fraud issues (the highest rate for food) have led to a consumer lack of trust between on information in the labels. Besides, most consumers are not always prepared to fully understand what is the meaning of this obligatory information. Altogether these facts are ultimately translated into vulnerable seafood value chains that end up with significant percentages of non-compliant products and a widespread lack of adequate labeling. LABELFISH established a common methodology for authentication of certain commercially important fish species in the Atlantic Area. This WP will further develop methods to control the identity (new species and fast ID), production method, best-before-date, catch area, fresh/defrosted and wild/farmed; which will contribute to the full implementation of EU Labeling Legislation (EC 1379/2013 and EC 1169/2011). These newly developed methods will be also jointly tested and standardized using internal and external ring trials, involving official and private control laboratories in each country. Most partners will participate on this WP, with special involvement of those with expertise in authenticity method development or testing. P5 will participate as a reference European lab for the development of seafood analysis methods and control, especially in seafood authentication, having a close contact with German official labs. Q&R management will focus specifically in the timely achievement of outcomes, early identification of method failures regarding with aspects such as performance, reproducibility or reduced application, and involvement of external labs for validation.

Action nr. 1	FAST AND IMPROVED METHODS FOR SPECIES AUTHENTICATION		01-2018		11-2020
	This Action is focused on the development of standard methods for authentication of challenging species (tunas) and invertebrates in seafood, not covered by LABELFISH: <ul style="list-style-type: none"> • Methods based on new DNA markers (i.e. nuclear markers for tunas); • New methods for bivalves, cephalopods and shrimps; • Development of fast and improved methods: 1. Automated DNA extraction procedures; 2. Microfluidic PCR, real-time PCR and isothermal amplification (RPAs); 3. Rapid DNA sequencing and sequence analysis (third-generation nanopore technology). 				
Deliverables	FAST IDentification	New markers and methods for challenging species (4), rapid and portable methods: DNA extraction automation (1), microfluidic PCR and RT-PCR, isothermal amplification (5), 3rd generation sequencing (1). Knowledge transfer to companies & official labs			
Target Indicators	Number of technical and scientific publications produced: 11 Project reports: 1				
	Decrease Mislabeling	LABELFISH has shown that combining legislation and control results in improved labeling accuracy. Development of fast and efficient techniques will promote higher screening capacity, improving control of obligatory information by competent authorities			
Action nr. 2	CATCH AREA AND PRODUCTION METHOD		01-2018		07-2020
	Current methods to trace seafood origin are scarce or complicate nearly non existent for shellfish. Geographic origin methodologies will be developed and tested, including: analysis of DNA markers, microbiota by metabarcoding, parasitic tags, trace element, isotope profile or a combination of them. Production method identification (wild vs farmed) usually involve to determine w3/w6 ratio, this approach will be improved and standardised by developing new and rapid low impact lipid extraction methods for obtaining w3/w6 profiles.				
Deliverables	Geographic origin and production method determination	Validated SOP for geographic origin determination in bivalves (mussels and oysters) and fish (Anchovies and Cod). Validated SOP for the differentiation of European wild/farmed fish (Sole and Turbot).			
Target Indicators	Number of technical and scientific publications produced: 6 Project reports: 1				
	Origin	Competent authorities will be provided with methods to control the farmed/wild seafood and its origin, which are not available by now. Consumers will have reliable information that facilitates the decision to purchase on origin and production method.			
Action nr. 3	FRESHNESS, FRESH/THAWED FISH AND INJECTED WATER		04-2019		04-2021
	Best before date of fish it is now mandatory in labels of refrigerated seafood products. Current methods rely on certain attributes of fish, such as the aspect of the skin, eyes, gills etc. (QIM). However, there are other approaches based on bioelectric/dielectric properties of fish, which need to be tested to provide methods to control freshness, water injection (fillets) and previously frozen and thawed fish.				
Deliverables	Best-before-date/ Frozen-Thawed/ Injected Water	To evaluate bioelectric/dielectric properties as objective measure of freshness and best-before-date, frozen and thawed fish and water injection. To analyze the possibilities of implementing these methods at fish auctions and markets.			
Target Indicators	Number of technical and scientific publications produced: 4 Project reports: 1				
	Trust Seafood	Outcomes will contribute towards the improved control of these aspects by public authorities, ensuring a reliable labeling. Consumers will be provided with validated tools to facilitate the purchase decision based on freshness and integrity.			
Action nr. 4	VALIDATION OF METHODS FOR SPECIES AUTHENTICATION		10-2018		03-2021
	One of the critical aspects of any seafood control analysis is to ensure that the methods used are robust and reliable. This action is aimed at selecting some of the developed methods to undergo a process of validation and verification. The validation process will focus on the SOP methods based on DNA analysis such as: species authentication and geographic origin.				
Deliverables	Validated Standard ID Methods	Validation of developed SOP for species identification. FAO and SWGDAM guidelines will be considered (http://www.swgdam.org). Internal and external validation approach will be used and the feedback and outcomes from WP5 actions.			
Target Indicators	Number of technical and scientific publications produced: 4 Number of actions for the dissemination and capitalisation of results: 8 Project reports: 1				
	Decrease Mislabeling	The developed and validated methods will be standards capitalised by control laboratories across Europe, thus contributing to control and therefore to the reduction and track the level of fraud.			
Action nr. 5	IMPLEMENTATION OF VALIDATED METHODS IN CONTROL LABORATORIES		09-2020		06-2021
	All the validated developed methods will be transferred to industrial and official control laboratories, providing them with tools needed to implement a comprehensive control of all the labeled information. This action is linked with WP5-Action 3, which will develop FISH-FIT to analyze results from the implemented analytical methods. Some control labs participate as full partners (P2 and P10) or Associated partners (P17) in the project, besides P16 is the European Reference Laboratory for food fraud, these facts secure the implementation of the whole methodology in Atlantic Area countries and facilitates the future implementation the whole EU.				
Deliverables	Methods Implementation	Implement at least two of the Validated Methods in at least one official laboratory of each of the Atlantic Area countries and Germany. The laboratories will produce a report with indicators proving the efficient use of the implemented methodology.			
Target Indicators	Number of actions for the dissemination and capitalisation of results: 12 Project reports: 1				
	Better Seafood Control	The transference and implementation of the validated methodologies to official control labs will result in a better performance of these labs and therefore an improved control of seafood labels to fight against seafood mislabeling and fraud.			

WP Nr. 5	Activity	No	Activity start year and month	Activity end year and month	Activity budget
36	FISH FRAUD IDENTIFICATION iTOOL (FISH FIT)		2018-02-01	2021-01-31	290,916.71€
Partners' involvement					
Partner responsible		5			
Partners involved		1,2,4,5,6,8,9,10,14,17,18,19			

Implementation summary

Seafood Authentication expertise in Europe has been built over years of European and national funding, however there is a need for organizing this know-how to capitalize on all the investment. Two actions are devoted to organize this capital (Reference and Method Databases), other to facilitate online seafood identification (FISH FIT) and another to encourage its use (Training Workshops). All these are oriented towards the creation a powerful Virtual Reference Centre to help EU Official Labs to control seafood. This Centre will rely on online access, hosting a software utility (FISH FIT) which will permit the interaction with users. It will provide the required DNA sequence analytical tools for obtaining an identification result. Most partners will contribute in the development of actions 1, 2 and 3. Associated Partners will be invited to provide critical opinion for FISH FIT, participating also in training sessions. R&Q management will focus on the number of validated collected tissues and sequences, the importance and significance of methods collected, analysis and identification of failures of FISH FIT (performance, reproducibility, extension of the application) to implement adequate correction measures. The leader (P5) brings a considerable expertise on seafood authenticity, a large curated commercial fish species tissue bank and a long experience with organizing workshops with German official control labs. Besides, P1, P2, P4, P6, P10 are also seafood authenticity experts and curate and keep a wide fish tissue collection and DNA databank, P16 is also participating, securing a proper future capitalization of the main outcome in the EU.

Action nr. 1	SEA-TRACES REFERENCE DATABASES: FISH BIOBANK AND FISH ID SEQ		02-2018		01-2021
	• Creation of databases to manage a biobank of marine species tissues and DNA sequences (building upon the one obtained in LABELFISH for gadiforms and tunas and expanding it to other species). • Online management of exchange of reference tissue samples and DNA sequences. • Production of Certified reference materials, essential both for SOP and validation. Both databases will be managed through SEA-TRACES web and each participating partner will maintain the tissues in their facilities.				
Deliverables	SEA-TRACES FISH BIOBANK and FISH ID SEQ	Creation of two databases: reference tissues and reference sequences. The management of these databases will allow the exchange of tissues or sequences upon request, also information from both databases will be available on FISH FIT.			
Target Indicators	Number of research institutions participating in cross-border, transnational or interregional research projects: 6 Project reports: 1				
	Repository of fish tissues and DNA sequences	Fish biobank and ID sequences will become an EU dimension repository of referenced material for authenticity. They will be available, when needed by official labs and authorities that implement control plans to combat seafood fraud.			
Action nr. 2	SPECIES AUTHENTICATION ANALYTICAL TOOLS		03-2019		12-2020
	Collection of updated and standardized species authentication methodologies, including previous developed LABELFISH methods and SOP, SEA-TRACES newly developed SOPs and validated techniques (WP4), and if applicable, contact details of those industries interested in up-taking SEA-TRACES developed techniques. This action is linked with WP4.				
Deliverables	SEA-TRACES Authenticity method collection	SEAFOOD AUTHENTICITY DATABASE: LABELFISH methods and SOP (identification of species), SEA-TRACES new SOPs and validated methods (species identification, geographic origin, prod. method, freshness, fresh/thawed, injected water), other validated methods			
Target Indicators	Project reports: 1				
	Repository of authentication methods	The collection of seafood authentication methods will constitute an EU dimension repository which will be used when needed by official labs and authorities that implement control plans to combat seafood fraud.			
Action nr. 3	FISH FRAUD IDENTIFICATION iTOOL (FISH FIT)		02-2018		12-2020
	Current options to authenticate species do not consider the whole range of seafood products (i.e. heavily processed products cannot be analyzed with FISHBOL). The objective is to construct an online tool which will use the created DNA reference sequence database and the validated species identification methods. The created online tool will allow users to obtain a species identification result after introducing a specific DNA sequence (depending on the species group or processing).				
Deliverables	Fish Fraud Identification iTOOL (FISH FIT)	Online tool for fish species, bivalves, cephalopods and shrimps authentication. The online tool will include DNA forensic analysis free software to provide reliable results (i.e. genetic distance measurement software, homology search).			
Target Indicators	Project reports: 1 Number of policy, strategy and operational instruments produced: 1				
	European Authentication Facility	This facility will provide EU fish authentication capacity based on DNA analysis, targeting specifically commercially important fish species for EU, including the whole range of processed products (from fresh up to heavily processed products).			
Action nr. 4	TRAINING WORKSHOPS FOR SPECIFIC TECHNIQUES		01-2020		09-2020
	The objective is to provide face-to-face and online training of FISH FIT and developed and validated SEA-TRACES methods. The targets of the training will be laboratory personnel within or outside the SEA-TRACES network, especially from official control laboratories of the Atlantic Area countries. Face-to-face Workshops will be organized with a specific focus: geographic origin (P6), species authentication methods (P4), other authentication methods (quality, production method) (P5).				
Deliverables	FISH FIT Training Workshops	Organization and celebration of face-to-face international training workshops: content of the workshops, educational and evaluation material, on-line training contents. Implementation of online training section in FISH FIT site.			
Target Indicators	Number of actions for the dissemination and capitalisation of results: 4 Project reports: 1 Number of participants in actions for the dissemination and capitalisation of results: 87				
	European Official Labs FISH FIT Experts	EU Official labs will be trained for the use of methods and the online tool, this will impact their capacity to undertake seafood analysis by providing their personnel with needed skills, therefore impacting the level of mislabeling control.			

WP Nr. 6	Activity	No	Activity start year and month	Activity end year and month	Activity budget
33	CONSUMERS		2018-01-01	2020-09-30	393,920.61€
Partners' involvement					
Partner responsible		7			
Partners involved		1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19			

Implementation summary

Consumers are the focal point of the seafood value chain. Their behavior impacts on the balance between supply and demand, influencing the success of local labeling initiatives. Labeling regulations help to secure a transparent, safe and fair food production chain, empowering consumers if based on accurate information. This WP will provide strategic analysis and instruments to improve the knowledge of Atlantic consumers about the concepts and benefits associated with seafood traceability and labeling, raising awareness on their usefulness to protect marine resources and reinforcing the perception of the quality and uptake of locally produced products. SEA-TRACES will apply the Living Lab concept to explore consumers' concerns and preferences, in this approach research and innovation processes are co-created and tested in in real life communities. Actions will be developed in partnership with consumers and stakeholders, deliverables will be tailored to the needs of AA regions, facilitating the uptake of results. P7 will coordinate this WP, with the participation of other full partners (P1-P6, P9, P10) in the organization of regional surveys in all the Atlantic Area countries. Transnational workshops will be organized by P7 and P2 to set new communication channels between consumers and industry. R&Q management will focus on the quality of transnational and regional surveys, the number and importance of consumer associations and stakeholders participating in events. It will also identify applicability and impact of conclusions.

Action nr. 1	IDENTIFYING ATLANTIC CONSUMER PREFERENCES CONCERNING LABELING ON SEAFOOD PRODUCTS		01-2018		12-2019
	LABELFISH showed that consumers do not recognize what 'traceability' means and have little knowledge to evaluate factors determining seafood quality with labeled information.				

	Also, the impact of proliferation of labels on consumer products remains an ongoing concern. SEA-TRACES will gather consumer data on attitudes and responses to labels on seafood. Transnational and regional surveys will identify if label based information influences purchasing, most interesting data for consumers and potential impact of adding further information. Results obtained will be the basis for further discussions on transnational workshops in Action 2 and 3.	
Deliverables	Consumers Preferences Identification	A transnational and regional survey targeting 1000 consumers per country, split by region and demographics. The surveys will obtain and analyse consumer data on attitudes to labels on seafood, including quality and origin labels and fishery ecolabels
Target Indicators	Number of technical and scientific publications produced: 1 Project reports: 1	
	Baseline consumer data	The updated knowledge will be used to set the best approach for the international workshops and transferred to both industry and public administrations as a basic pillar of future common strategies, instruments or policies in ST&L in the Atlantic Area
Action nr. 2	CONSUMER ASSOCIATIONS TRANSNATIONAL MEETING	07-2018 04-2020
	An open transnational workshop will be organized with the active participation of key consumer and civil society associations from the Atlantic countries, but open to other EU countries where relevant. The objective will be to discuss and critique the Action 1 survey in the context of consumer impacts and to develop joint proposals that strengthen effective labeling strategy and benefits for Atlantic Area consumers in relation to seafood labeling and traceability.	
Deliverables	Transnational Meeting for Consumer Associations	Organization of transnational meeting with consumer associations and seafood awareness NGOs. Conclusions will be collected in a public report to be used as a roadmap in the implementation of the following actions in the WP and the project.
Target Indicators	Number of policy, strategy and operational instruments produced: 1 Number of actions for the dissemination and capitalisation of results: 1 Number of participants in actions for the dissemination and capitalisation of results: 100 Project reports: 1	
	Basis for the Transnational Strategy for Consumers' Information	Outcomes from this action will be transferred to Public Authorities, Consumers Associations and stakeholders to make possible the definition of a long-term strategy on traceability and labeling information directed at consumers from the AA countries.
Action nr. 3	SEAFOOD INDUSTRY ASSOCIATIONS AND CONSUMERS MEETING	01-2019 09-2020
	A transnational meeting will be organized with seafood industry associations and platforms (including FAO and ISEAL) and consumer associations. This event, which is unprecedented at Atlantic Area level, will be tailored to open a dialogue between small scale producers, standard setting organizations and consumers, to discuss the requirements, to align labeling strategies (place based, quality, ecolabels) with traceability requirements and investment in sustainable and local seafood supply chains.	
Deliverables	Transnational Meeting Industry - Consumers	Outputs of this meeting will be collated in a public report, which will present the recommendations for improved labeling strategies that assures a sustainable seafood production and consumer protection.
Target Indicators	Number of policy, strategy and operational instruments produced: 1 Number of actions for the dissemination and capitalisation of results: 1 Number of participants in actions for the dissemination and capitalisation of results: 100 Project reports: 1	
	Establishment of future improvements on Seafood Labeling	Outcomes from this action will provide Public Authorities from the AA with strategic information for improving traceability and labeling policies, resulting from reaching a consensus and responding to interests from both sides, consumers and producers

WP Nr. 7	Activity	No	Activity start year and month	Activity end year and month	Activity budget
42	STRATEGIES FOR CREATING ADDED VALUE		2018-01-01	2021-06-30	609,031.96€
Partners' involvement					
Partner responsible		3			
Partners involved		1,2,3,5,6,7,8,9,10,11,12,13,15			

Implementation summary

Seafood traceability and labeling (ST&L) in AA should be ideally characterized by: - Being applicable to different seafood products (fresh, frozen, processed etc. from both capture and farms). - Acting as a commercialization barrier against products with no schemes implemented - Being transparent, legitimate and credible, with the support of analytical methods. This WP will analyze strategies for creating value and empowering communities belonging to local producers in AA regions based on adequate ST&L protocols and controls. Evaluation of traceability systems implemented in selected case studies in AA regions will be used to identify bottlenecks and pilot actions will demonstrate that effective innovative ST&L solutions can increase benefits and create jobs. Innovative information and communication technologies (ICTs) will be tested: feasibility, easiness of implementation, achieved results, cost/benefit evaluation, staff training needs, performance evaluation (level of communication with target consumers, consumer acceptance, etc...). The impact of implementing these innovative ST&L schemes in the fishing villages will be objectively evaluated through a socioeconomic study. P3 will coordinate this WP, whose transnationality will be secured through the involvement of P1, P10, P2, P6, P8, P9, P11, P12, P13 and P15. Q&R management will focus on the the importance and significance of data obtained by the case studies analysis and pilot actions chosen to secure the transference to other organizations beyond the partnership and belonging to other Atlantic Area regions.

Action nr. 1	TRACEABILITY AND LABELING EVALUATION IN ATLANTIC AREA REGIONS	01-2018	11-2019
	LABELFISH interviews and results suggested that main seafood industries faced problems with obtaining and keeping some traceability information, especially when dealing with non-EU imports. Now that the EU Regulation EC 1379/2013 entered into force, a transnational study to evaluate how this new regulation is affecting fishery industries is needed. Specific interviews targeting main stakeholders (i.e. local fisheries, canned tuna and aquaculture bivalves) in AA countries will be used to get an updated picture and suggest improvements. Specific interviews will be carried out in at least 50 companies, including as much as possible SMEs.		
Deliverables	Seafood Market survey	A comparative transnational analysis of the situation of traceability in seafood industries and stakeholders will be used to suggest improvements. Interviews will be carried out in all AA regions (at least 50 companies), including SMEs.	
Target Indicators	Project reports: 1 Number of technical and scientific publications produced: 1		
	Seafood Traceability improvement	The transnational analysis will allow to identify the causes of particular bottlenecks; results will help to identify those aspects which need to be modified to improve traceability in seafood companies.	
Action nr. 2	TRACEABILITY AND SPECIFIC LABELING CASE STUDIES AND PILOT ACTIONS	07-2018	06-2020
	Once bottlenecks have been identified, evidences to demonstrate that the implementation of ST&L systems has an effect in prices and results in economic benefits are needed. Case Studies of products with a ST&L system already implemented will be used for the economic evaluation. Analysis will include: specific characteristics of the products, implementation problems and costs, previous stakeholder feedback (Action 1), differential price, impact on regional economy. The assessed case studies will be essential to design appropriate ST&L schemes to be implemented through pilot actions.		
Deliverables	Case Studies and Pilot Actions for creating Value	Case Studies (4) of products with a ST&L system already implemented will demonstrate benefits for stakeholders. Pilot Actions (3) will evaluate the impact of implementation of ST&L based on previous case studies results.	
Target Indicators	Number of case studies and pilot actions implemented: 7 Project reports: 2		
	Involvement of more stakeholders	Dissemination of these results will produce a "call-effect" and will encourage the involvement of new stakeholders in these traceability and certification processes, which eventually might result in a socio-economic benefit for the regions involved.	
Action nr. 3	EVALUATION OF THE BENEFITS OF IMPLEMENTATION OF INFORMATION and COMMUNICATION TECHNOLOGIES (ICTs)	10-2018	07-2020
	ICT tools will be designed and developed. The objective is to demonstrate that the implementation of ICTs and the use of social network can boost the marketing of seafood		

	products from artisanal fisheries and aquaculture. Pilot Actions focused on ICT tools deployment by these actors will be used to assess the implementation procedure and difficulties. The involvement of entities from pilot actions in A2 will make possible to showcase that both tools can ultimately open up new commercialization channels, increase benefits and promote quality and stable employment. Besides, Producer organisations will be involved, since their production and marketing plans will benefit from this type of actio		
Deliverables	Pilot Actions for Smart Seafood	ICT tools will be developed. Organizations from A2 pilot actions will implement ICTs and network tools for testing their potential use to promote seafood products and ensure their traceability across the value chain.	
Target Indicators	Number of case studies and pilot actions implemented: 3 Project reports: 1		
	Increase Benefit	Use of ICTs can expand market opportunities and efficiency and therefore potentially lead to an increase in benefits for local producers. The generation of employment, a better resource management and improved sustainability of the sector are expected	
Action nr. 4	GLOBAL ECONOMIC IMPACT FOR FISHING COMMUNITIES	12-2019	05-2021
	The objective will be the evaluation of the overall economic impact of those fishing villages linked to selected Pilot Actions. The impact will be evaluated using ecological economy approach, studying the full impact in each economic activity of the village and environment, and the potential increase in both benefits and local jobs, and if this is the case, the opportunity for new economic activities (i.e. valorising all fishing related activities).		
Deliverables	Smart Seafood Villages	Case studies will include a full evaluation of the community which will constitute a showcase to inspire others to adopt strategies for creating value.	
Target Indicators	Number of case studies and pilot actions implemented: 3 Project reports: 1		
	Smart regions	The previous outcome will fuel the involvement of other stakeholders, which will reinforce the global position of the region as a modern and conscious supplier of quality and safe seafood.	

Implementation summary

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 Investment Bank	Revenues generated by the project	Others	Total	
Partner n.º 1 - Agencia Estatal Consejo Superior de Investigaciones Científicas	637322.25€	75%		212440.75	0	0	849,763.00€		12240	1.44%	0	0	0	0.00€	849,763.00€
					N.A.	N.A.			Project Meeting and events hosted by P5-MRI and P7-Uberdeen. Travels to JRC and EU Commission		N.A.	N.A.	N.A.		
Partner n.º 2 - Instituto Português do Mar e da Atmosfera, I.P.	256521.69€	75%		85507.23	0	0	342,028.92€		3390.48	0.99%	0	0	0	0.00€	342,028.92€
					N.A.	N.A.			Travel to attend project meetings hosted by P5-MRI and P7-Uberdeen		N.A.	N.A.	N.A.		
Partner n.º 3 - Indigo Rock Marine Research Station	250110.00€	75%		83370	0	0	333,480.00€		4000	1.20%	0	0	0	0.00€	333,480.00€
					N.A.	N.A.			Travel to attend project meetings hosted by P5-		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 Investment Bank	Revenues generated by the project	Others	Total	
									MRI and P7-UAberdeen						
Partner n.° 4 - The University of Salford	79844.40€	75%		26614.80	0	0	106,459.20€		2250	2.11%	0	0	0	0.00€	106,459.20€
					N.A	N.A			Travel to attend project meetings hosted by P5-MRI and P7-UAberdeen		N.A	N.A	N.A		
Partner n.° 5 - Max Rubner-Institut	310443.75€	75%		103481.25	0	0	413,925.00€		413925	100.00%	0	0	0	0.00€	413,925.00€
					N.A	N.A			Partner 5 belongs to a country outside the Atlantic Area (Germany).		N.A	N.A	N.A		
Partner n.° 6 - Muséum National D' Histoire Naturelle	187100.19€	75%		62366.73	0	0	249,466.92€		1600	0.64%	0	0	0	0.00€	249,466.92€
					N.A	N.A			Travel to attend project meetings hosted by P5-MRI and P7-UAberdeen		N.A	N.A	N.A		
Partner n.° 7 - The University Court of the University of Aberdeen	232330.80€	75%		77443.60	0	0	309,774.40€		309774.40	100.00%	0	0	0	0.00€	309,774.40€
					N.A	N.A			Aberdeen is peripheral to the AA (in Scotland)		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 Investment Bank	Revenues generated by the project	Others	Total	
Partner n.º 8 - Exporsado, Comércio e indústria de produtos do mar	133653.73€	69%		60047.33	0	0	193,701.06€		7000	3.61%	0	16064.00	0	16,064.00€	209,765.06€
					N.A	N.A			Travel to attend project meetings hosted by P5 & P7, and in London, dissemination in Brussels & Brem		N.A	Estimate of the revenues generated by the pilot actions carried out in the framework of the WP7	N.A		
Partner n.º 9 - Consello Regulador do Mexillón de Galicia	217406.85€	75%		72468.95	0	0	289,875.80€		4900	1.69%	0	0	0	0.00€	289,875.80€
					N.A	N.A			Travel to attend project meetings hosted by P5 and P7. Travel to present project and results at EMPA		N.A	N.A	N.A		
Partner n.º 10 - Fundación AZTI – AZTI Fundazioa	160128.75€	75%		53376.25	0	0	213,505.00€		4000	1.87%	0	0	0	0.00€	213,505.00€
					N.A	N.A			Travel to attend project meetings and stay in Chile within WP4		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 Investment Bank	Revenues generated by the project	Others	Total	
Partner n.º 11 - Xunta de Galicia	0.00€	75%		0	0	0	0.00€		0		0	0	0	0.00€	0.00€
Partner n.º 12 - Marine Stewardship Council	0.00€	75%		0	0	0	0.00€		0		0	0	0	0.00€	0.00€
Partner n.º 13 - Sea-Fisheries Protection Authority	0.00€	75%		0	0	0	0.00€		0		0	0	0	0.00€	0.00€
Partner n.º 14 - Department for Environment, Food and Rural Affairs (DEFRA)	0.00€	75%		0	0	0	0.00€		0		0	0	0	0.00€	0.00€
Partner n.º 15 - Keohane Seafoods	0.00€	75%		0	0	0	0.00€		0		0	0	0	0.00€	0.00€
Partner n.º 16 - Ministerio de Agricultura y Pesca, Alimentación y Medio Ambiente	0.00€	75%		0	0	0	0.00€		0		0	0	0	0.00€	0.00€
Partner n.º 17 - Centro Investigación y Control de Calidad. Agencia Española Consumo, Seguridad Alimentaria y Nutrición	0.00€	75%		0	0	0	0.00€		0		0	0	0	0.00€	0.00€
Partner n.º 18 - European Commission, Directorate General Joint Research Centre	0.00€	75%		0	0	0	0.00€		0		0	0	0	0.00€	0.00€
Partner n.º 19 - Service Commun des Laboratoires	0.00€	75%		0	0	0	0.00€		0		0	0	0	0.00€	0.00€

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 Investment Bank	Revenues generated by the project	Others	Total	
Partner n.º 20 - Liverpool John Moores University	180318.90€	75%		60106.3	0	0	240,425.20€		0	0.00%	0	0	0	0.00€	240,425.20€
Total	2,645,181.3	74.67%		897,223.19€	0.00€	0.00€	3,542,404.50€		763,079.88€	21.54%	0.00€	16,064.00€	0.00€	16,064.00€	3,558,468.50€

6.2 Budget explanation

6.2.1 Explain the budget preparation methodology (main assumptions and justifications)	<p>Lead Partner coordinated the budget preparation with external assistance. An Excel template was distributed among partners with tips and remarks:</p> <ul style="list-style-type: none"> -Summary of eligibility rules -Transparent distribution of Preparation costs -Events and meetings calendar: who hosts what and when -Reminder of external service needs (and when) according with agreed WorkPlan: technical developments, dissemination, external audits,... -Recommendations from WPLeaders about staff costs (months and necessary dedication)
6.2.2 Explain the partners involvement in the preparation of the budget	<ol style="list-style-type: none"> 1) Agreement on the specific involvement of each partner in the Work Plan: actions to be implemented in each WP (who, when and how?); 2) Excel template for budget estimation was sent to partners; 3) Every partner estimated its own budget, identifying in each WP the budget needs under each cost line for each year; 4) All partners sent back completed templates to Coordination for revision: budget included in correct lines, no duplicity of costs among partners, coherency with involvement in WPs.
6.2.3 If applicable, explain the investment budget (under budget lines: equipment/small infrastructures and works):	<p>WP1: P6 will purchase a laptop computer with a docking station & a screen for internal management.</p> <p>WP4:</p> <ul style="list-style-type: none"> -P1 an equipment for automation of DNA extraction -P2 purchase 5 equipment (Agilent bioanalyzer, voltrax, sample homogeneizer, DNA purifier, electrophoresis chamber) for obtaining good quality DNA, better results using a tissue rupture, good sequences & screening the PCR products; -P5 requires laptop for interdisciplinary working & software to simplify the work on DNA sequences; -P6 will purchase a thermocycler with Peltier effect technology, essential for sequencing & genotyping; -P9 will invest in a new Real-time PCR and DeNovix DS-11 FX to develop methods for geographic origin in mussels (depreciation rules will be applied); <p>WP5: P2 will reinforce lab infrastructure (ISO 17025 standard), improving conditions to avoid sample contaminations and to install a small equipment for safety.</p> <p>WP7: P1, P3 and P8 will purchase electronic devices for implementing ICT tools in Pilot Actions.</p>
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?	<ul style="list-style-type: none"> -Valorization of own-resources and outcomes from previous projects to avoid unnecessary costs; -Project meetings coincident with events to minimize travel costs. Use of the most economic transport mean; -Effective procurement procedures with relevant services/goods in 3 steps:

Partners	Year														Total
	2017	%	2018	%	2019	%	2020	%	2021	%	2022	%	2023	%	
Partner n.º 12 - Marine Stewardship Council	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 - Sea-Fisheries Protection Authority	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 14 - Department for Environment, Food and Rural Affairs (DEFRA)	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 - Keohane Seafoods	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 - Ministerio de Agricultura y Pesca, Alimentación y Medio Ambiente	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 17 - Centro Investigación y Control de Calidad. Agencia Española Consumo, Seguridad Alimentaria y Nutrición	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 18 - European Commission, Directorate General Joint Research Centre	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 19 - Service Commun des Laboratoires	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 20 - Liverpool John Moores University	0	0.00%	0	0.00%	45199.140	18.80%	122131.373	50.80%	73094.683	30.40%	0	0.00%	0	0.00%	240,425.20€
Total	0.00€	0.00%	655,281.88€	18.50%	1,291,974.14€	36.47%	1,204,723.72€	34.01%	390,424.75€	11.02%	0.00€	0.00%	0.00€	0.00%	3,542,404.50€

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 - Agencia Estatal Consejo Superior de Investigaciones Científicas	11230	0	346500	40.78%	51975	6.12%	33240.000	3.91%	299318	35.22%	92500	10.89%	15000.000	1.77%	849,763.00€
Partner n.º 2 - Instituto Português do Mar e da Atmosfera, I.P.	530	0	167769.27	49.05%	25165.39	7.36%	24064.26	7.04%	78500	22.95%	42000	12.28%	4000	1.17%	342,028.92€
Partner n.º 3 - Indigo Rock Marine Research Station	530	0	204086.96	61.20%	30613.04	9.18%	23600	7.08%	71450	21.43%	3200.000	0.96%	0	0.00%	333,480.00€

Partners	Work Package																		Total
	WP0-Project Preparation	%	WP1-Project Coordination	%	WP2-Communication	%	WP3-Capitalization	%		%		%		%		%		%	
Partner n.º 14 - Department for Environment, Food and Rural Affairs (DEFRA)	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0.00€
Partner n.º 15 - Keohane Seafoods	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0.00€
Partner n.º 16 - Ministerio de Agricultura y Pesca, Alimentación y Medio Ambiente	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0.00€
Partner n.º 17 - Centro Investigación y Control de Calidad. Agencia Española Consumo, Seguridad Alimentaria y Nutrición	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0.00€
Partner n.º 18 - European Commission, Directorate General Joint Research Centre	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0.00€
Partner n.º 19 - Service Commun des Laboratoires	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0	NaN %	0.00€
Partner n.º 20 - Liverpool John Moores University	0	0.00%	11638.59	4.84%	63651.56	26.47%	16021.90	6.66%	102004.69	42.43%	31086.56	12.93%	16021.90	6.66%	0	0.00%			240,425.20€
Total	16,000.00€	0.45%	440,993.35€	12.45%	466,297.72€	13.16%	182,836.66€	5.16%	1,142,407.49€	32.25%	290,916.71€	8.21%	393,920.61€	11.12%	609,031.96€	17.19%			3,542,404.50€

6.6 Complementary information

6.6.1 In Kind Contribution			
Partners	Budget	% of Total Budget	Explanation
Partner n.º 1 - Agencia Estatal Consejo Superior de Investigaciones Científicas			
Partner n.º 2 - Instituto Português do Mar e da Atmosfera, I.P.			
Partner n.º 3 - Indigo Rock Marine Research Station			
Partner n.º 4 - The University of Salford			
Partner n.º 5 - Max Rubner-Institut			
Partner n.º 6 - Muséum National D' Histoire Naturelle			
Partner n.º 7 - The University Court of the University of Aberdeen			
Partner n.º 8 - Exporsado, Comércio e indústria de productos do mar			
Partner n.º 9 - Consello Regulador do Mexillón de Galicia			
Partner n.º 10 - Fundación AZTI – AZTI Fundazioa			

6.6.1 In Kind Contribution			
Partners	Budget	% of Total Budget	Explanation
Partner n.º 11 - Xunta de Galicia			
Partner n.º 12 - Marine Stewardship Council			
Partner n.º 13 - Sea-Fisheries Protection Authority			
Partner n.º 14 - Department for Environment, Food and Rural Affairs (DEFRA)			
Partner n.º 15 - Keohane Seafoods			
Partner n.º 16 - Ministerio de Agricultura y Pesca, Alimentación y Medio Ambiente			
Partner n.º 17 - Centro Investigación y Control de Calidad. Agencia Española Consumo, Seguridad Alimentaria y Nutrición			
Partner n.º 18 - European Commission, Directorate General Joint Research Centre			
Partner n.º 19 - Service Commun des Laboratoires			
Partner n.º 20 - Liverpool John Moores University			

6.6.2 Physical Investment						
ID	Name of the organization	Investment Title	Investment Budget	Technical Description and justification	Investment requirements	Ownership and durability
1	Partner n.º 1 - Agencia Estatal Consejo Superior de Investigaciones Científicas	Small infrastructure for the automation of DNA extraction.	15000	Strong transnational cooperation activities are being conducted within the WP4 on Methods for the control of labeling and traceability. A small infrastructure devoted to the automation of DNA extraction will promote capabilities that will revert to partners from other regions.	15.000€ have been transferred from External expertise to Small Infrastructure	This small infrastructure will be co-financed by Agencia Estatal Consejo Superior de Investigaciones Científicas' own funds.
2	Partner n.º 2 - Instituto Português do Mar e da Atmosfera, I.P.					
3	Partner n.º 3 - Indigo Rock Marine Research Station					
4	Partner n.º 4 - The University of Salford					
5	Partner n.º 5 - Max Rubner-Institut					
6	Partner n.º 6 - Muséum National D' Histoire Naturelle					
7	Partner n.º 7 - The University Court of the University of Aberdeen					
8	Partner n.º 8 - Exporsado, Comércio e indústria de productos do mar					

6.6.2 Physical Investment						
ID	Name of the organization	Investment Title	Investment Budget	Technical Description and justification	Investment requirements	Ownership and durability
9	Partner n.º 9 - Consello Regulador do Mexillón de Galicia					
10	Partner n.º 10 - Fundación AZTI – AZTI Fundazioa					
11	Partner n.º 11 - Xunta de Galicia					
12	Partner n.º 12 - Marine Stewardship Council					
13	Partner n.º 13 - Sea-Fisheries Protection Authority					
14	Partner n.º 14 - Department for Environment, Food and Rural Affairs (DEFRA)					
15	Partner n.º 15 - Keohane Seafoods					
16	Partner n.º 16 - Ministerio de Agricultura y Pesca, Alimentación y Medio Ambiente					
17	Partner n.º 17 - Centro Investigación y Control de Calidad. Agencia Española Consumo, Seguridad Alimentaria y Nutrición					
18	Partner n.º 18 - European Commission, Directorate General Joint Research Centre					
19	Partner n.º 19 - Service Commun des Laboratoires					
20	Partner n.º 20 - Liverpool John Moores University					

Output Indicators

Outputs	Work Package
	Target value
Project reports	45
Internal project meetings and events	7
Number of participants in actions for the dissemination and capitalisation of results	23617
Number of actions for the dissemination and capitalisation of results	105
Number of technical and scientific publications produced	28
Project newsletters and other information documents	6

Outputs	Work Package
	Target value
Number of policy, strategy and operational instruments produced	5
Number of case studies and pilot actions implemented	19
Number of enterprises receiving support	5
Number of research institutions participating in cross-border, transnational or interregional research projects	6

Reports Delivering Chronogram

Year	Reports	With payment claim / Without payment claim	Date expected to be deliver	Total amount expected to be claim
2018	1° Half Report		2018-07-01	
2019	1° Half Report		2019-01-01	
2019	2° Half Report		2019-07-01	
2020	1° Half Report		2020-01-01	
2020	2° Half Report		2020-07-01	
2021	1° Half Report		2021-01-01	
2021	2° Half Report		2021-07-01	