



R A R I T Y



ERADICATE INVASIVE LOUISIANA **R**ED
SW**A**MP AND P**R**ESERVE NAT**I**VE WH**I**T**E**
CLAWED CRA**Y** FISH IN FRIULI VENEZIA GIULIA

ERADICAZIONE DEL GAMBERO ROSSO DELLA LOUISIANA E PROTEZIONE DELLA SPECIE NATIVA IN FRIULI VENEZIA GIULIA



LIFE+ Nature & Biodiversity

TECHNICAL APPLICATION FORMS

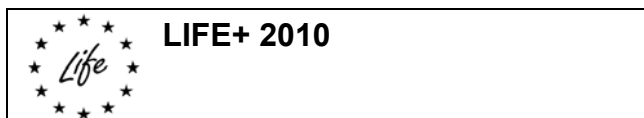
Part A – administrative information

NOTES:

There are 4 sets of LIFE+ "Nature & Biodiversity" application forms: A, B, C (technical forms) and F (financial forms). The financial forms are in a separate Excel file.

While filling in the technical forms A – C, please respect the standard A4 format. Maps illustrating the location of the proposed actions should be presented in annex. Insofar as possible, these maps should be in A4 format but may if necessary be presented in format A3. No formats other than A4 or A3 are allowed.

Whenever several copies of one form 2010-XY needs to be produced, please use the following naming convention per page: 2010-XY/1; 2010-XY/2 etc.



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LIFE+ 10 NAT/

PROJECT

Project title (max. 120 characters):

Eradicate Invasive Louisiana Red Swamp and Preserve Native White Clawed Crayfish in Friuli Venezia Giulia

Project acronym (max. 25 characters): **RARITY**

The project will be implemented in the following:

Country: Italy

Administrative region: Friuli Venezia Giulia

Expected start date: 1st September 2011Expected end date: 31st August 2014

BENEFICIARIES

Name of the **coordinating beneficiary** (1): Ente Tutela Pesca del Friuli Venezia Giulia (ETP)

Name of the associated beneficiary (2): Consiglio Nazionale delle ricerche – Istituto di Scienze Marine (CNR-ISMAR)

Name of the associated beneficiary (3): Dipartimento di Scienze della Vita - Università degli studi di Trieste (DSV-UNITS)

Name of the associated beneficiary (4): Dipartimento di Biologia Evoluzionistica "Leo Pardi" - Università degli Studi di Firenze (DBE-UNIFI)

Name of the associated beneficiary (5): Istituto Zooprofilattico Sperimentale delle Venezie (IZSVe)

PROJECT BUDGET AND REQUESTED EC FUNDING

Total project budget: 2.674.744 €

Total eligible project budget: 2.540.744 €

EC financial contribution requested: 1.250.545 € (= 49,22 % of total eligible budget)

PROJECT POLICY AREA

You can only tick one of the following options:

LIFE+ Nature: Best practice and/or demonstration project contributing to the implementation of the objectives of the EU Birds and Habitats Directives (Council Directives 79/409 EEC and 92/43/EEC)

LIFE+ Biodiversity: Demonstration and/or innovative project contributing to the objectives of the Commission Communication COM (2006) 216 final: "*Halting the loss of Biodiversity by 2010 – and beyond*"

Coordinating Beneficiary Profile Information				
Short Name	ETP		Beneficiary n°	1
Legal information on the Coordinating Beneficiary				
Legal Name	Ente Tutela Pesca del Friuli Venezia Giulia		Legal Status	
VAT No	00480320308		Public body	<input checked="" type="checkbox"/>
Legal Registration No	N/A		Private commercial	<input type="checkbox"/>
Registration Date	N/A		Private non-commercial	<input type="checkbox"/>
Legal address of the Coordinating Beneficiary				
Street Name and No	Via Colugna, 3		PO Box	
Post Code	33100	Town/City	Udine	
Country Code	IT	Country Name	Italy	
Coordinating Beneficiary contact person information				
Title	Mr	Function	Fishing Surveillance Manager	
Surname	Zanetti	First Name	Massimo	
E-mail address	massimo.zanetti@regione.fvg.it			
Department / Service	Ufficio Polizia Giudiziaria e Amministrativa (Legal and Administrative Police Dpt.)			
Street Name and No	Via Colugna, 3		PO Box	
Post Code	33100	Town/City	Udine	
Country	Italy			
Telephone No	+39 0432.551.215	Fax No	+39 0432.482.474	
Coordinating Beneficiary details				
Year	N/A			
Annual turnover	N/A	Annual Balance Sheet Total	N/A	
Number of employees	38			
Website	www.entetutelapesca.it			
Brief description of the Coordinating Beneficiary's activities and experience in the area of the proposal				
<p>ETP was established in 1971 with a Regional Act. ETP's tasks can be divided into three main areas: (1) regulation and surveillance; (2) fish restocking and improvement of local natural environment; (3) nature information and education. <u>Regulation and surveillance</u> include: to issue regulations concerning fishing and watch over fishing in all regional water bodies; to issue freshwater fishing licences; to look after the administrative tasks related to concessions for fish farming in public freshwaters; to watch over fish farming in public freshwaters. <u>Fish restocking and improvement of local natural environment</u> include: to promote and/or participate in initiatives for preserving regional fish inheritance; to plan and carry out research activities concerning local fish species and fishing, as well as to advise the Public Authority; to promote hydrobiological, ichthyological and microbiological researches and analyses; to collect and process information on fishing activities in regional freshwaters; to provide for freshwater census and classification; to contribute to fish restocking as well as to prepare and manage fish reproduction and farming plants; to assess the effects of pollution, to define possible prevention and/or water reclamation; to develop environment reclamation measures as well as measure for preserving and conserving wetlands and water ecosystems. <u>Nature information and education</u> include: to keep contacts with regional fishermen's companies and associations and cooperate with them; to carry out education activities aimed to spread knowledge on regional fish-fauna and related habitats and ecosystems; to promote and participate in exhibitions and/or other events concerning regional fish inheritance and fishing activities.</p> <p>A large number of facilities are available for accomplishing the above-listed tasks: a plant for sanitary quarantine and genetic characterization of fish species; 7 plants for fish reproduction and the production of both juveniles and adults for restocking purposes; 3 hatcheries, experimental fish tanks and wet labs at the Hydrobiology Laboratory in Arii di Rivignano; a multimedia room equipped for education purposes at the permanent Aquarium of freshwater species, "Paolo Solimbergo", located in Ariis di Rivignano – the only structure of this type in Italy (nearly 25,000 visitors per year; about 30% of them are school pupils).</p>				



COORDINATING BENEFICIARY DECLARATION

The undersigned hereby certifies that:

1. The specific actions listed in this proposal do not and will not receive aid from the Structural Funds or other European Union financial instruments. In the event that any such funding will be made available after the submission of the proposal or during the implementation of the project, my organisation will immediately inform the European Commission.
2. My organisation *Ente Tutela Pesca del Friuli Venezia Giulia (ETP)* has not been served with bankruptcy orders, nor has it received a formal summons from creditors. My organisation is not in any of the situations listed in Articles 93.1 and 94 of Council Regulation 1605/2002 of 25/06/2002 (OJ L248 of 16/09/2002).
3. My organisation (which is legally registered in the European Union) will contribute 524.854 € to the project. My organisation will participate in the implementation of the following actions A.3, C.1, C.2, C.4, D.1, D.2, E.1, E.2, E.3, E.4. The estimated total cost of my organisation's part in the implementation of the project is 1.000.320 €.
4. Should one or more associated beneficiary or co-financier reduce or withdraw its financial contribution, my organisation will ensure that a corresponding additional contribution is made available.
5. My organisation will conclude with the associated beneficiaries and co-financiers any agreements necessary for the completion of the work, provided these do not infringe on their obligations, as stated in the grant agreement with the European Commission. Such agreements will be based on the model proposed by the European Commission. They will describe clearly the tasks to be performed by each associated beneficiary and define the financial arrangements.
6. I am aware that my organisation is solely legally and financially responsible to the Commission for the implementation of the project (Article 4 of the Common Provisions).

I am legally authorised to sign this statement on behalf of my organisation.

I have read in full the Common Provisions (attached to the Model Grant Agreement provided with the *LIFE+* application files).

I certify to the best of my knowledge that the statements made in this proposal are true and the information provided is correct.

At Udine on.....

Signature of the Coordinating Beneficiary:

Name(s) and status of signatory:

ASSOCIATED BENEFICIARY DECLARATION (complete for each Associated Beneficiary)

The undersigned hereby certifies that:

1. My organisation *Consiglio Nazionale delle Ricerche – Istituto di Scienze Marine (CNR-ISMAR)* has not been served with bankruptcy orders, nor has it received a formal summons from creditors. My organisation is not in any of the situations listed in Articles 93.1 and 94 of Council Regulation 1605/2002 of 25/06/2002 (OJ L248 of 16/09/2002).
2. My organisation (which is legally registered in the European Union) will contribute 210.569 € to the project. My organisation will participate in the implementation of the following actions A.3, D.1. The estimated total cost of my organisation's part in the implementation of the project is 388.838 €.
3. My organisation will conclude with the coordinating beneficiary an agreement necessary for the completion of the work, provided this does not infringe on our obligations, as stated in the grant agreement with the European Commission. This agreement will be based on the model proposed by the European Commission. It will describe clearly the tasks to be performed by my organisation and define the financial arrangements.
4. For the purposes of the implementation of the agreement regarding this project between the European Commission and the coordinating beneficiary:
 - a) My organisation grants power of attorney to the coordinating beneficiary, to act in our name and for our account in signing the above-mentioned agreement and its possible subsequent riders with the European Commission. Accordingly, my organisation hereby mandates the coordinating beneficiary to take full legal responsibility for the implementation of such an agreement.
 - b) My organisation hereby confirms that we have taken careful note of and accept all the provisions of the above agreement with the European Commission, in particular all provisions affecting my organisation and the coordinating beneficiary. In particular, my organisation acknowledges that, by virtue of this mandate, the co-ordinator alone is entitled to receive funds from the Commission and distribute to my organisation the amount corresponding to our participation in the action.
 - c) My organisation hereby agrees to do everything in our power to help the coordinating beneficiary fulfil his obligations under the above agreement. In particular, my organisation hereby agrees to provide him whatever documents or information may be required, as soon as possible after receiving his request.
 - d) The provisions of the above agreement, including this mandate, shall take precedence over any other agreement between my organisation and the coordinating beneficiary which may have an effect on the implementation of the above agreement between the coordinating beneficiary and the Commission.

I am legally authorised to sign this statement on behalf of my organisation.

I have read in full the Common Provisions (attached to the Model Grant Agreement provided with the *LIFE+* application files).

I certify to the best of my knowledge that the statements made in this proposal are true and the information provided is correct.

At Venezia, on

Signature of the Associated Beneficiary:

Name and status of signatory: Dr. Fabio TRINCARDI (Director)

ASSOCIATED BENEFICIARY DECLARATION (complete for each Associated Beneficiary)

The undersigned hereby certifies that:

1. My organisation *Dipartimento di Scienze della Vita dell'Università degli Studi di Trieste (UniTS)* has not been served with bankruptcy orders, nor has it received a formal summons from creditors. My organisation is not in any of the situations listed in Articles 93.1 and 94 of Council Regulation 1605/2002 of 25/06/2002 (OJ L248 of 16/09/2002).
2. My organisation (which is legally registered in the European Union) will contribute 259.784 € to the project. My organisation will participate in the implementation of the following actions A.2 The estimated total cost of my organisation's part in the implementation of the project is 484.557 €.
3. My organisation will conclude with the coordinating beneficiary an agreement necessary for the completion of the work, provided this does not infringe on our obligations, as stated in the grant agreement with the European Commission. This agreement will be based on the model proposed by the European Commission. It will describe clearly the tasks to be performed by my organisation and define the financial arrangements.
4. For the purposes of the implementation of the agreement regarding this project between the European Commission and the coordinating beneficiary:
 - a) My organisation grants power of attorney to the coordinating beneficiary, to act in our name and for our account in signing the above-mentioned agreement and its possible subsequent riders with the European Commission. Accordingly, my organisation hereby mandates the coordinating beneficiary to take full legal responsibility for the implementation of such an agreement.
 - b) My organisation hereby confirms that we have taken careful note of and accept all the provisions of the above agreement with the European Commission, in particular all provisions affecting my organisation and the coordinating beneficiary. In particular, my organisation acknowledges that, by virtue of this mandate, the co-ordinator alone is entitled to receive funds from the Commission and distribute to my organisation the amount corresponding to our participation in the action.
 - c) My organisation hereby agrees to do everything in our power to help the coordinating beneficiary fulfil his obligations under the above agreement. In particular, my organisation hereby agrees to provide him whatever documents or information may be required, as soon as possible after receiving his request.
 - d) The provisions of the above agreement, including this mandate, shall take precedence over any other agreement between my organisation and the coordinating beneficiary which may have an effect on the implementation of the above agreement between the coordinating beneficiary and the Commission.

I am legally authorised to sign this statement on behalf of my organisation.

I have read in full the Common Provisions (attached to the Model Grant Agreement provided with the *LIFE+* application files).

I certify to the best of my knowledge that the statements made in this proposal are true and the information provided is correct.

At Trieste, on

Signature of the Associated Beneficiary:

Name and status of signatory:

ASSOCIATED BENEFICIARY DECLARATION (complete for each Associated Beneficiary)

The undersigned hereby certifies that:

1. My organisation *Dipartimento di Biologia Evoluzionistica "Leo Pardi" (DBE) dell'Università degli Studi di Firenze (UniFI)* has not been served with bankruptcy orders, nor has it received a formal summons from creditors. My organisation is not in any of the situations listed in Articles 93.1 and 94 of Council Regulation 1605/2002 of 25/06/2002 (OJ L248 of 16/09/2002).
2. My organisation (which is legally registered in the European Union) will contribute 254.644 € to the project. My organisation will participate in the implementation of the following actions A.1, A.2, A.3, D1, D.2, E.4. The estimated total cost of my organisation's part in the implementation of the project is 479.417 €.
3. My organisation will conclude with the coordinating beneficiary an agreement necessary for the completion of the work, provided this does not infringe on our obligations, as stated in the grant agreement with the European Commission. This agreement will be based on the model proposed by the European Commission. It will describe clearly the tasks to be performed by my organisation and define the financial arrangements.
4. For the purposes of the implementation of the agreement regarding this project between the European Commission and the coordinating beneficiary:
 - a) My organisation grants power of attorney to the coordinating beneficiary, to act in our name and for our account in signing the above-mentioned agreement and its possible subsequent riders with the European Commission. Accordingly, my organisation hereby mandates the coordinating beneficiary to take full legal responsibility for the implementation of such an agreement.
 - b) My organisation hereby confirms that we have taken careful note of and accept all the provisions of the above agreement with the European Commission, in particular all provisions affecting my organisation and the coordinating beneficiary. In particular, my organisation acknowledges that, by virtue of this mandate, the co-ordinator alone is entitled to receive funds from the Commission and distribute to my organisation the amount corresponding to our participation in the action.
 - c) My organisation hereby agrees to do everything in our power to help the coordinating beneficiary fulfil his obligations under the above agreement. In particular, my organisation hereby agrees to provide him whatever documents or information may be required, as soon as possible after receiving his request.
 - d) The provisions of the above agreement, including this mandate, shall take precedence over any other agreement between my organisation and the coordinating beneficiary which may have an effect on the implementation of the above agreement between the coordinating beneficiary and the Commission.

I am legally authorised to sign this statement on behalf of my organisation.

I have read in full the Common Provisions (attached to the Model Grant Agreement provided with the *LIFE+* application files).

I certify to the best of my knowledge that the statements made in this proposal are true and the information provided is correct.

At Firenze, on

Signature of the Associated Beneficiary:

Name and status of signatory:

ASSOCIATED BENEFICIARY DECLARATION (complete for each Associated Beneficiary)

The undersigned hereby certifies that:

1. My organisation *Istituto Zooprofilattico Sperimentale delle Venezie (IZSVe)* has not been served with bankruptcy orders, nor has it received a formal summons from creditors. My organisation is not in any of the situations listed in Articles 93.1 and 94 of Council Regulation 1605/2002 of 25/06/2002 (OJ L248 of 16/09/2002).
2. My organisation (which is legally registered in the European Union) will contribute 174.348 € to the project. My organisation will participate in the implementation of the following action C.3 The estimated total cost of my organisation's part in the implementation of the project is 321.612 €.
3. My organisation will conclude with the coordinating beneficiary an agreement necessary for the completion of the work, provided this does not infringe on our obligations, as stated in the grant agreement with the European Commission. This agreement will be based on the model proposed by the European Commission. It will describe clearly the tasks to be performed by my organisation and define the financial arrangements.
4. For the purposes of the implementation of the agreement regarding this project between the European Commission and the coordinating beneficiary:
 - a) My organisation grants power of attorney to the coordinating beneficiary, to act in our name and for our account in signing the above-mentioned agreement and its possible subsequent riders with the European Commission. Accordingly, my organisation hereby mandates the coordinating beneficiary to take full legal responsibility for the implementation of such an agreement.
 - b) My organisation hereby confirms that we have taken careful note of and accept all the provisions of the above agreement with the European Commission, in particular all provisions affecting my organisation and the coordinating beneficiary. In particular, my organisation acknowledges that, by virtue of this mandate, the co-ordinator alone is entitled to receive funds from the Commission and distribute to my organisation the amount corresponding to our participation in the action.
 - c) My organisation hereby agrees to do everything in our power to help the coordinating beneficiary fulfil his obligations under the above agreement. In particular, my organisation hereby agrees to provide him whatever documents or information may be required, as soon as possible after receiving his request.
 - d) The provisions of the above agreement, including this mandate, shall take precedence over any other agreement between my organisation and the coordinating beneficiary which may have an effect on the implementation of the above agreement between the coordinating beneficiary and the Commission.

I am legally authorised to sign this statement on behalf of my organisation.

I have read in full the Common Provisions (attached to the Model Grant Agreement provided with the *LIFE+* application files).

I certify to the best of my knowledge that the statements made in this proposal are true and the information provided is correct.

At, on

Signature of the Associated Beneficiary:

Name and status of signatory:

ASSOCIATED BENEFICIARY PROFILE

Associated Beneficiary profile information			
Short name	CNR-ISMAR	Beneficiary n°	2
Legal information on the Associated Beneficiary			
Legal Name	Consiglio Nazionale delle Ricerche – Istituto di Scienze Marine	Legal Status	
VAT No	02118311006	Public body	<input checked="" type="checkbox"/>
Legal Registration No		Private commercial	<input type="checkbox"/>
Registration Date		Private non-commercial	<input type="checkbox"/>
Legal address of the Associated Beneficiary			
Street Name and No	Arsenale, Tesa 104 - Castello, 2737/F	PO Box	
Post Code	30122	Town/City	Venezia
Country Code	IT	Country Name	Italy
Brief description of the Associated Beneficiary's activities and experience in the area of the proposal			
<p>The Institute of Marine Sciences of the National Research Council (CNR-ISMAR) was established in 2001 from the aggregation of several Italian CNR institutes located in Ancona, Bologna, Genova, La Spezia, Lesina (Foggia), Trieste and Venezia, which carried out research on topics about the coastal areas and the sea. Aggregation was aimed to share, organize, and to make more effective common resources, both human and material resources, as well as to develop a critical mass in terms of capabilities to compete in the international scenarios of the modern and advanced research market. The CNR-ISMAR main institutional activities deal with the sciences of the sea, coastal areas, lagoons, and other water bodies, including studies and research projects dealing with physical and chemical oceanography, geology and geophysics, fisheries and aquaculture, aquatic ecosystems, biology and reproduction of aquatic organisms, crustacean stock enhancement. The CNR-ISMAR carries out research studies in fields such as: the evolution of the oceans and their continental margins; the submarine volcanoes, faults and slides and their potential impacts onshore; the influence of climate change on oceanic circulation, acidification, bio-geochemical cycles and marine productivity; the aquatic habitats, their ecology and pollution; the biology and reproduction of marine and freshwater decapod crustaceans; the production of hatchery-reared juveniles (crustaceans, and other aquatic invertebrates and vertebrates); the restocking and farming methodologies of aquatic species; the evolution of fish and crustacean populations and stocks; the quality, hygiene, and food safety of traded crustaceans directed to human consumption; the natural and anthropogenic factors having economic or social impacts on aquatic ecosystems.</p> <p>The CNR-ISMAR has an international staff of about 240 people (including research scientists, technicians, students, administrative staff, etc...). Among its several facilities the following can be mentioned: oceanographic vessels, and different boats; buoys, platforms, observational sites and instruments; forecast stations; laboratories and instruments for measurements and analytical studies (including CTD probes, HPLC, atomic absorption spectrometers, microscopes, nutrient analyzers, etc.); a historical and unique library with more than 2.500 volumes and 1.600 scientific journals.</p> <p>The Adriatic Sea, the Northern Adriatic lagoons, coastal areas, and rivers are the most important geographic areas of interest of the institute, but during time research activity has been extended to Antarctica (Weddell Sea), The Arctic, The Southern and Central Adriatic Sea, the Ionian Sea, and the Eastern Mediterranean Sea. Several national and international collaboration agreements have been carried out, such as those with: OGS, Trieste, Italy; ICRAM, Chioggia, Venezia, Italy; Stazione Zoologica, Napoli, Italy; Padua, Venezia, Trieste and Edimburg Universities; NIOZ, Texel (NL); Alfred Wegener Institut, Bremerhaven (D).</p>			

ASSOCIATED BENEFICIARY PROFILE

Associated Beneficiary profile information				
Short name	DSV-UNITS		Beneficiary n°	3
Legal information on the Associated Beneficiary				
Legal Name	Dipartimento di Scienze della Vita – Università degli Studi di Trieste		Legal Status	
VAT No	00211830328		Public body	<input checked="" type="checkbox"/>
Legal Registration No	N/A		Private commercial	<input type="checkbox"/>
Registration Date	N/A		Private non-commercial	<input type="checkbox"/>
Legal address of the Associated Beneficiary				
Street Name and No	Piazzale Europa, 1		PO Box	
Post Code	34127	Town/City	Trieste	
Country Code	IT	Country Name	Italy	
Brief description of the Associated Beneficiary's activities and experience in the area of the proposal				
<p>Research at UniTS covers areas ranging from science and technology to arts and social studies. Responding to new demands, great emphasis has been placed on interdisciplinarity: the University has three Centers of Excellence (Biocrystallography, Telegeomatics, Nanotechnology) and several Inter-Department Centers, such as the Center of Neuroscience (BRAIN), Molecular Medicine, Environmental Management and Recovery, European and Mediterranean Studies. In line with its cosmopolitan tradition, UniTS is currently involved in several research programs at international level. Over 70 projects have been funded between 2000 and 2005 by the 5th and the 6th Framework Research Programs and for a large number of them co-operation with industry was envisaged. Two of the numerous patents registered by the University have raised special interest in international companies, particularly those regarding anti-microbial peptides and functionalized carbon nano-tubes for medical purposes.</p> <p>The Department of Life Sciences of Trieste University, in addition to its role as an important centre of learning and education, is also a dynamic centre fully engaged in scientific and technological research. It is integrated in the University scientific network, a context requiring interdisciplinary co-operation amongst different sectors and capacity of working out integrated forms of knowledge.</p> <p>The Department staff is involved in the School of Doctorate in Nanotechnology, in Molecular Biomedicine, Neurosciences and Cognitive Processes, Environmental Biology, and collaborate to numerous Ph.D. Programs.</p> <p>The Researchers in the Department of Life Sciences work together with over fifty foreign institutions – both academic and industrial –, several leading National Research Laboratories and Universities, as well as with Italian and international Companies. The Department has over 200 researchers (100 of them are permanent professors and researchers) and raekcons an outstanding record of publications in prestigious international journals.</p> <p>Facilities: The Department of Life Sciences has all the necessary equipment to conduct molecular, biochemical and cellular biology research – including mass spectrometers, DNA sequencers, Biacore, capillary electrophoresis, microtiter plate readers, spectrophotometers, spectrofluorimeters, confocal and electron microscopes, image analyzer. Finally, the Department has cell culture rooms, an animal breeding department and an aquarium facility.</p>				

ASSOCIATED BENEFICIARY PROFILE

Associated Beneficiary profile information				
Short name	DBE-UNIFI		Beneficiary n°	4
Legal information on the Associated Beneficiary				
Legal Name	Dipartimento di Biologia Evoluzionistica "Leo Pardi" – Università degli Studi di Firenze		Legal Status	
VAT No	01279680480		Public body	<input checked="" type="checkbox"/>
Legal Registration No	N/A		Private commercial	<input type="checkbox"/>
Registration Date	N/A		Private non-commercial	<input type="checkbox"/>
Legal address of the Associated Beneficiary				
Street Name and No	Via Romana 17		PO Box	
Post Code	50125	Town/City	Firenze	
Country Code	IT	Country Name	Italy	
Brief description of the Associated Beneficiary's activities and experience in the area of the proposal				
<p>The Department was settled in 1985 as a result of the unification of the Institutes of Compared Zoology and Anatomy, General Biology and Genetics. The teaching staff is of 53 people (including both professors and researchers) holding more than 30 degree courses and four PhD courses. It has 11 laboratories where research activities take place in the following fields: zoology, ecology, ethology, vegetal and animal genetics, microbiology, anthropology and physiology, and botanic. The Department manages over 28 research measures that are supported with different fundings – from the Ministry of University and Research, MIPAF, the National Research Council (CNR), the European Union, Toscana Provincial Governments and Toscana Regional Government. The Department has participated and participates in numerous European Projects ever since the 3rd FP was started. Just to mention some of the recent ones: WADI (2006-2008 in the 6th FP) about the integrated water management of the freshwater streams in the Mediterranean; IMPASSE (2006-2008 in the 6th FP) about native species in aquaculture; CRAYNET (2003-2005 in both 5th and 6th FP) about the native European crayfish species. Moreover, the following projects dealing with the project area have been financed by local administrations and other institutions: Monitoring of <i>Austropotamobius pallipes</i> and <i>Potamon fluviatile</i> and analysis of the content of heavy metals in their tissues (Province of Florence); Distribution, spread and impact of <i>Procambarus clarkii</i> on freshwater ecosystems (Toscana Region); Preservation and management of <i>Austropotamobius pallipes</i> in the Province of Florence; Distribution, population dynamic and impact of invasive <i>Procambarus clarkii</i> in some protected areas of the Toscana Region; The invasive crayfish <i>Procambarus clarkii</i> in the "Palude di Fucecchio": (Province of Pistoia); Monitoring of the natural reserves in Ponte Buriano-Penna and Inferno-Bandella Valley to detect the presence of the invasive crayfish <i>Procambarus clarkii</i> (Province of Arezzo); Scientific research in the presence of <i>Procambarus clarkii</i> in the natural reserves of the Arno river (Province of Arezzo in 2005); Scientific research in the impact of <i>Procambarus clarkii</i> on the planning of "ecological connection areas" (Province of Arezzo); The use of native predators and sexual pheromones as methods for controlling invasive <i>Procambarus clarkii</i> (Province of Pistoia); Interventions for re-introducing native crayfish in the Province of Florence; Atlante Project – Native Species in Latium financed by the Regional Parks Agency of the Lazio Region in 2008-09; Preservation Strategies for threatened native crayfish. A study of ecology and ethology of <i>Austropotamobius pallipes</i> financed by Undafelix Association in 2003-04 and 2004-05; Exploitation of invasive crayfish adapted to Massaciuccoli Lake for eating purposes (Fishery Development Centre); Use of traps and native predators for controlling the invasive crayfish in the Bonifica Parmigiana-Moglia-Secchia Consortium area financed by the Bonifica Parmigiana-Moglia-Secchia Consortium in 2007; An Intervention proposal for controlling <i>Procambarus clarkii</i> in the Bonifica Parmigiana-Moglia-Secchia Consortium area financed by the Bonifica Parmigiana-Moglia-Secchia Consortium in 2008-09.</p>				

ASSOCIATED BENEFICIARY PROFILE

Associated Beneficiary profile information				
Short name	IZSve		Beneficiary n°	5
Legal information on the Associated Beneficiary				
Legal Name	Istituto Zooprofilattico Sperimentale delle Venezie		Legal Status	
VAT No	00206200289		Public body	<input checked="" type="checkbox"/>
Legal Registration No	N/A		Private commercial	<input type="checkbox"/>
Registration Date	N/A		Private non-commercial	<input type="checkbox"/>
Legal address of the Associated Beneficiary				
Street Name and No	Viale dell'Università, 10		PO Box	
Post Code	35020	Town/City	Legnaro (PD)	
Country Code	IT	Country Name	Italy	
Brief description of the Associated Beneficiary's activities and experience in the area of the proposal				
<p>Istituto Zooprofilattico Sperimentale delle Venezie (IZSve) is a public sanitary organization belonging to the National Sanitary System. It provides scientific and technical support to the Central and Regional Governments in animal health and welfare, food safety and environmental protection. The mission of the IZSve is the preservation of public health, in terms of food safety and preventing zoonoses, and animal welfare, in terms of animal health and living conditions. The IZSve promotes public health, guarantees that controls are performed on the food-production chain, and fosters improved coexistence between human beings and animals. This is achieved by focusing on four main areas: control of foodborne pathogens, prevention and control of animal diseases, technical and scientific research, training and communication. Since 1994 the Fish Pathology Department has been recognized as National Reference Center (NRL) for Fish, Crustacean and Mollusc Diseases according to EU legislation.</p> <p>The main duties of NRL are:</p> <ul style="list-style-type: none"> • diagnosis of fish, mollusc and crustacean diseases; • field surveillance plans about fish and mollusc diseases; • identification of virus, bacteria and parasites related to new and emerging diseases; • production of vaccines against bacterial diseases of finfish; • technical and scientific advices to veterinarians and fish farmers; • technical collaboration with Ministry of Health, Local and Regional Veterinary Services, environmental authorities, fishermen associations, pharmaceutical companies. <p>Since 1978 IZSve is involved in crustacean diseases diagnosis and surveillance programme about the most important diseases affecting wild and reared animals. During the last fifteen years, according to EU food safety legislation (food hygiene pocket), chemical and microbiological controls of products of animal origin increased and nowadays more than 150.000 samples are analyzed each year.</p>				

CO-FINANCIER PROFILE AND COMMITMENT FORM

Legal Name and full address on the co-financier	
NONE	
Financial commitment	
We will contribute the following amount to the project:	
Status of the financial commitment	
Signature of the authorised person	
Name and status of the authorised person (obligatory):	
Date of the signature (obligatory):	
Authorised signature (obligatory):	

OTHER PROPOSALS SUBMITTED FOR EUROPEAN UNION FUNDING

Please answer each of the following questions:

- Have you or any of your associated beneficiaries already benefited from previous LIFE co-financing? (please cite LIFE project reference number, title, year, amount of the co-financing, duration, name(s) of coordinating beneficiary and/or partners involved):

ISMAR – CNR

1. LIFE08ENV/IT/000399, ENVEUROPE: “Environmental quality and pressure assessment across Europe: the LTER network as an integrated and shared system for ecosystem monitoring”. Year 2008. Amount of the co-financing: 3,003,938.00 €. Duration: 2010-2013. Coordinating beneficiary: NATIONAL RESEARCH COUNCIL, CNR – ISMAR Venezia (IT). Associated beneficiaries: CONECOFOR (IT); UNIVERSITY OF JYVÄSKYLÄ (FI); SENCKENBERG, RESEARCH INSTITUTES AND NATURAL HISTORY MUSEUMS (DE); HELMOTZ, CENTRE FOR ENVIRONMENTAL RESEARCH (DE); UNIVERSITY OF BUCHAREST, DEPARTMENT OF ECOLOGY (RO); FOREST RESEARCH AND MANAGEMENT INSTITUTE (RO); UNIVERSITY OF DEBRECEN (HU); HUNGARIAN ACADEMY OF SCIENCES (HU); EUROPEAN REGIONAL CENTRE FOR ECOHYDROLOGY U/A UNESCO, INTERNATIONAL INSTITUTE OF POLISH ACADEMY OF SCIENCES (PL); LITHUANIAN UNIVERSITY OF AGRICULTURE (LT); FEDERAL ENVIRONMENTAL AGENCY (AT); SPANISH NATIONAL RESEARCH COUNCIL (ES); SWEDISH UNIVERSITY OF AGRICULTURAL SCIENCES (SE); CENTRAL LABORATORY OF GENERAL ECOLOGY (BG); INSTYTUT EKOLOGII TERENÓW PRZEMYSŁOWIONYCH (PL).
2. LIFE04ENV/IT/000479, EMMA: “Environmental management through Monitoring and Modelling of Anoxia”. Year 2003. Co-financing: 903,709.00 €. Duration: 2004-2007. Coordinating beneficiaries: ISMAR (Institute of Marine Sciences) - CNR Bologna Research Area (IT). Associated beneficiary: ISMAR-CNR Trieste Research Area (IT); ISMAR-CNR Ancona Research Area (IT); Marche University (IT); Bologna University (IT); ARPA Emilia-Romagna (IT); Municipality of Rimini (IT); Emilia-Romagna Regional Government (IT); Mercato Ittico of Cesenatico (IT); Cooperativa La Bussola (IT); Cooperativa Casa del Pescatore (IT); Slovenian National Biology Institute of Piran (SL).
3. LIFE96 ENV/IT/000103, “Water data Acquisition in real Time for coastal Ecosystems”. Year 1996. Amount of the co-financing: 719,331.97 €. Duration: 1996-2000. Coordinating beneficiary: AMAV (IT). Associated beneficiaries: Venice Municipal Government; CNR Venezia; Archimedes Logica S.r.l.

- Have you or any of the associated beneficiaries submitted any actions related directly or indirectly to this project to other European Union financial instruments? To whom? When and with what results?

ETP:

1. DOCUP Objective 2, 2000-2006 Action 3.1.1

Results: Renovating works of the fitting-out and educational structure in the Aquarium next to the hydrobiological laboratory ‘Paolo Solimbergo’ in Ariis di Rivignano, included in SIC IT 3320026 – ‘Risorgive dello Stella’

Total contribution: 400,000.00 €

Contribution allocated for Ente Tutela Pesca del Friuli Venezia Giulia: 316,000.00 €.

2. DOCUP Objective 2, 2000-2006, Action 3.1.1

Conservation and exploitation of natural resources. Renovating works of SIC IT 3320026 "Risorgive dello Stella", an interesting area for nature and environment, which is next to the laboratory and Aquarium in Ariis di Rivignano.

Total contribution: 500,000 €

Contribution allocated for Ente Tutela Pesca del Friuli Venezia Giulia: 395,000.00 €

DBE – University of Florence:

1. "IMPASSE: *Environmental impacts of invasive alien species in aquaculture*" financed with the 6th Framework Programmed in 2006-2008. The project dealt with non-native species in aquaculture.
2. DAISIE: *Delivering Alien Invasive Species Inventories for Europe*" (<http://daisie.ckff.si>) financed with the 6th Framework Programmed in 2003-2007. The project aim was to prepare a list of the fauna in internal waters in Italy.
3. "CRAYNET: *European crayfish as keystone species, linking science, management and economics with sustainable environmental quality*" financed with the 5th and 6th Framework Programmes in 2003-2005. The project dealt with European native species of crayfish.

- For those actions which fall within the eligibility criteria for financing through other European Union financial instruments, **please explain in full detail** why you consider that those actions nevertheless do not fall within the main scope of the instrument(s) in question and are therefore included in the current project.

The actions foreseen by the present project cannot be funded by other European Programmes.

Regarding the European Fisheries Fund – EFF (Reg. EC 1198/2006), relevant for activities concerning marine and freshwater, the project is coherent with the main scope of axis III «support measures of common interest intended to protect and develop aquatic fauna and flora while enhancing the aquatic environment» and with the aim of «the protection and enhancement of the environment in the framework of NATURA 2000 where its areas directly concern fishing activities» (Art. 38). Nevertheless the same regulation foresees precisely that «direct restocking shall not be eligible for aid, unless explicitly foreseen as a conservation measure by a Community legal act».

Moreover the "Programma Operativo Italia per la Pesca – 2007-2013" regarding axis III of EFF focuses exclusively on «the costs related to preservation measures useful for the sites included into the European ecologic network Nature 2000» (page 154). As a consequence it cannot operate outside these areas. This cannot give suitable support to the project, which does not want to limit its action to Nature 2000 network sites, but aims to include all sites of strategic importance for the preservation of *Austropotamobius pallipes* as well as for the containment of *Procambarus clarkii*.

Finally it has been observed that the internal planning procedures related to EFF in Friuli Venezia Giulia Region, dedicated to axis III (measures of common interest) for the years 2011, 2012 and 2013 a total amount of about 1,569,000 € (see: DGR Regione FVG n. 1725 del 28 agosto 2008 – Annex "A"). It is evident that these resources are not sufficient to cover the costs of this project, also because they will have to finance several regional projects.

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Concerning 7th FP it is remarkable that the present project adopts the state-of-the-art of the techniques for the safeguard of the target species and innovative procedures will be implemented for the purposes of the initiative. But all the activities will refer to consolidated protocols and procedures and do not constitute research nor experimental activities.

DECLARATION OF SUPPORT FROM THE COMPETENT AUTHORITY

This form is **mandatory** for all **LIFE+ Nature and LIFE+ Biodiversity project proposals**. For transnational project proposals, a separate copy must be filled in by the competent nature conservation / biodiversity authority of all participating countries.

Optional: this form may also be used to indicate any other support to the project by important stakeholder bodies, administrative bodies or individuals that may be concerned by the project.

Name and legal status: **NONE**

Full address:

Tel: Fax: E-mail:

Contact person (name and function):

Please specify whether, why and how you will support this project:

Signature and date:

Name and status of signatory: