

## ANNEX

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**1. Pilot project - Mapping and assessing the state of ecosystems and their services in the outermost regions and overseas countries and territories: establishing links and pooling resources. Work programme for 2017.**

*Introduction*

On the basis of the objectives given in the budget remarks this work programme contains the actions to be financed and the budget breakdown for year 2017 as follows:

- for grants (implemented under direct management) (1.1)

**1.1. Grants**

The overall budgetary allocation reserved for procurement contracts in 2017 amounts to EUR 1 000 000.

**Legal basis:** Pilot project within the meaning of Article 54.2(a) of the Financial Regulation

**Budget line:** 07 02 77 35

***Priorities of the year, objectives pursued and expected results***

Action 5 of the EU Biodiversity Strategy<sup>1</sup> urges Member States to map and assess the state of ecosystems and their services in their national territory. A Working Group on Mapping and Assessment of Ecosystems and their Services (MAES)<sup>2</sup> was established in 2012.

The project will produce a tangible contribution for the EU Mapping and Assessment of Ecosystems and their Services (MAES) initiative and demonstrate the feasibility and the added value of a bottom-up approach, involving and empowering local actors.

If successful, this project will allow testing and implementation of the MAES methodology in different regions of the world, providing methodologies and good practice guidelines and contributing to worldwide EU leadership in this area.

It will involve policymakers, researchers and civil society in the development of methodologies for mapping and assessing the state of ecosystems and their services in ORs and OCTs.

***Description of the activities to be funded under the call for proposals***

The call for proposals will select one project aimed at

1. assessing the state of the art of the 'Mapping and Assessing of Ecosystem Services' (MAES) within the participating overseas entities, and inventory and substantiate the human and material capacities present in each of them.
2. capitalising on the work carried out in the frame of NETBIOME network and the BEST initiative including, where suitable, the initial MAES experience planned under the project BEST RUP which implements the pilot project entitled 'Inventory of species and habitats in the French outermost regions' adopted under the 2016 budget (Item 07 02 77 34).

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<sup>1</sup> Biodiversity Strategy COM(2011)244 <http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:52011DC0244>

<sup>2</sup> MAES initiative [http://ec.europa.eu/environment/nature/knowledge/ecosystem\\_assessment/index\\_en.htm](http://ec.europa.eu/environment/nature/knowledge/ecosystem_assessment/index_en.htm)

3. choosing as case studies specific regions and a particular contribution on which to focus the work of dedicated teams of local experts, policymakers and civil society members pooled from across the OR and OCTs.

### Essential eligibility selection and award criteria

<b>Key eligibility criteria</b>	The applicants and their partners could be public and private bodies, NGOs, universities, research institutes and international organisations.	
<b>Key selection criteria</b>	<ul style="list-style-type: none"> <li>- Financial capacity: stable and sufficient sources of funding to maintain the activity throughout the period during which the proposal is being carried out and to participate in its funding.</li> <li>- Operational capacity of the applicant and partners: professional competencies of the staff and previous experience in terms of projects undertaken.</li> </ul>	
<b>Key award criteria</b>	<ol style="list-style-type: none"> <li>1. Understanding of the call for proposals and scope of the project <ul style="list-style-type: none"> <li>- Involvement of Outermost Regions and Overseas Countries and Territories;</li> <li>- Contribution to the MAES initiative;</li> <li>- Involvement of the different stakeholders and/or target groups.</li> </ul> </li> <li>2. Organisation and management of the project <ul style="list-style-type: none"> <li>- Consistency of the expenditures with the foreseen activities;</li> <li>- Feasibility of the project in terms of coherence of the actions with the expected results, resources and timetable, including measures for quality</li> </ul> </li> <li>3. Control and risk management</li> </ol>	<p>(max. 50 points)</p> <p>(max. 40 points)</p> <p>(max. 10 points)</p>

### **Implementation**

This action will be implemented under direct management by the Directorate General for Environment.

### **Indicative timetable and indicative amount of the call for proposals**

<b>Reference</b>	<b>Date</b>	<b>Amount</b>
Call MAES OR OCT	Launching of the call: May/June 2017 Receipt of the proposals: September/October 2017 Notification of the results: October/November 2017 Finalisation of the grant agreement: November/December 2017	EUR 1 000 000

### **Maximum possible rate of co-financing of the eligible costs**

The Commission will finance a maximum rate of 95 % of eligible/total expenditures.

The grant will be based on the reimbursement of direct eligible costs and on a flat-rate funding of the indirect costs up to a maximum of 7% of total eligible direct costs of the action, except where the beneficiary is in receipt of an operating grant financed by the EU budget.

## **2. Pilot project - Network of European Green Cities. Work programme for 2017.**

### **2.1. Introduction**

On the basis of the objectives given in the budget remarks this work programme contains the actions to be financed and the budget breakdown for year 2017 as follows:

- for procurement (implemented under direct management) (2.2)

### **2.2 Procurement**

The overall budgetary allocation reserved for procurement contracts in 2017 amounts to EUR 1 000 000.

**Legal basis:** Pilot project within the meaning of Article 54.2(a) of the Financial Regulation

**Budget line:** 07 02 77 36

### **Subject matter of the contracts envisaged**

The European Commission is committed to enhancing the sustainability of the Union's cities as enshrined in the 7th EU Environment Action Programme (Priority Objective 8) and the in May 2016 adopted Pact of Amsterdam, setting out the EU Urban Agenda. In addition, the UN adopted the new Sustainable Development Goals (SDGs) last autumn, and SDG 11 sets goals for Sustainable Cities and Communities that are universally applicable.

The overall aim of this contract is to provide support for the development of the 'Network of European Green Cities' (comprising as a starting point European Green Capital (EGC) winners and cities shortlisted for the award) in order to share their experiences, knowledge and

expertise on sustainable urban development with other European cities. In effect this will also enhance the impact of the European Green Capital Award and its network.

The contract will start the facilitation of sharing best-practises and exchanges between the responsible city-level decision makers through the organisation of targeted workshops (max. 8) focussing inter alia on the 12 European Green Capital environmental indicator areas , better involve business towards green cities and the role of the EGC Network in the wider, global level (SDG11 and Habitat III). A specific set of toolkits will be developed, collecting the wide range of lessons learnt from the workshops, which is aimed at other cities to be inspired by such actions and to help them understand what was involved in putting the actions in place. At the end of the contractual period, the results of the workshops and toolkits shall be shared with a wider stakeholder audience (e.g. city networks, NGOs, business community) during a conference "European Green capital Network - Mayoral Summit" in Brussels to achieve spill-over effects for the benefit of entire regions and countries in the long term effect.

The contractor will furthermore compile one toolkit of best practice examples from winning European Green Capital cities on how to successfully build a green capital year and programme. This toolkit will be handed over to the runners up / winners upon nomination (usually during a festive award ceremony in June).

The contract will provide the necessary appropriations to finance the setting up and running of the network. The membership to the network is managed separately by the European Commission.

**Type of contract:** *new* service contract

**Indicative number and amount of contracts envisaged:** One service contract of an estimated value of 1 000 000 EUR is envisaged.

**Indicative timeframe for launching the procurement procedure**

The procurement procedure is expected to be launched in the second quarter of 2017. The tender evaluation will take place in the third quarter of 2017 and the contract will be signed in the fourth quarter 2017 or, at the latest, in the first quarter of 2018

**Implementation**

This action will be implemented under direct management by the Directorate General for Environment

### **3. Pilot project — Effect of residential solid waste burning on ambient air quality in Europe and potential mitigation measures. Work programme for 2017.**

#### **3.1. Introduction**

On the basis of the objectives given in the budget remarks this work programme contains the actions to be financed and the budget breakdown for year 2017 as follows:

- for procurement (implemented under direct management) (3.2)

### **3.2. Procurement**

The overall budgetary allocation reserved for procurement contracts in 2017 amounts to EUR 750 000.

**Legal basis:** Pilot project within the meaning of Article 54.2(a) of the Financial Regulation

**Budget line:** 07 02 77 37

#### **Subject matter of the contracts envisaged**

The objective of this contract is to study the nature and magnitude of solid waste burning for residential heating purposes in Central and Eastern Europe and its contribution to air pollution, notably in terms of particulate matter, including by means of measurements/sampling in agreed locations in Hungary and Romania. The contract should determine the major waste types used, the pollutants caused by their combustion and the associated pollution levels.

The contract will be expected to deliver:

- Concrete measurements and sampling at selected locations in the two countries (to be carried out during the heating season), including an analysis of tracer compounds specific for the different types of solid waste to assess their actual contribution to the overall problem at the various locations.
- A study to distinguish waste burning practices between rural and urban areas and the tracer compounds related to various types of waste, and mapping hotspots in the regions covered by it in HU and RO; identifying the likely predominant source types of solid waste burned, possible mitigation measures and assessing the relationship between poverty and residential solid waste burning

In addition to focusing on the situation in Hungary and Romania, the contract should, wherever possible, build on experiences from LIFE projects, notably the Polish LIFE Integrated Project on the implementation of air quality plan for Małopolska Region "Małopolska in a healthy atmosphere (LIFE14 IPE/PL/000021)". The contract should identify concrete steps how the issue can be addressed at local and regional level, and present these in the final study.

The contract should include a communication strategy, to engage with local authorities and scientific community in assessing the size of the problem covered, as well as disseminating its findings locally and regionally, including through press activities.

**Type of contract:** new study and service contract

**Indicative amount per contract :** EUR 750 000

**Indicative number of contracts envisaged:** one single contract

**Indicative timeframe for launching the procurement procedure**

The procurement procedure is expected to be launched in the second quarter of 2017.

The award of contract and the start up of the implementation are envisaged for the third/forth quarter of 2017.

## ***Implementation***

This action will be implemented under direct management by the Directorate General for Environment.

### **4. Pilot project — Establishing regional or local platforms on coexistence between people and large carnivores focused on key actions for large carnivores in areas with high levels of conflict. Work programme for 2017.**

#### ***4.1. Introduction***

On the basis of the objectives given in the budget remarks this work programme contains the actions to be financed and the budget breakdown for year 2017 as follows:

- for other activities (procurement) (4.2)

#### ***4.2. Other Action***

The overall budgetary allocation reserved for other action in 2017 amounts to EUR 500 000.

**Legal basis:** Pilot project within the meaning of Article 54.2(a) of the Financial Regulation

**Budget line:** 07 02 77 39

**Amount:** 500 000 EUR

#### ***Subject matter of the contracts envisaged***

The objective of this project is to establish two pilot local or regional groupings of stakeholders and authorities to improve the coexistence between people and large carnivores, based on the model of the EU Large Carnivores Platform and on the experience from other regional platforms, e.g. established through LIFE projects.

In each of the two selected areas, the contract(s) will support the implementation of two or three actions included in the document 'Key actions for large carnivore populations in Europe'. The focus will be on actions relating to conflict resolution, communication, reducing socio-economic problems and establishing win-win socio-economic benefits in line with the objectives of the EU Nature Directives and the EU 2020 biodiversity strategy.

**Type of contract:** new service contract

**Indicative contract amount :** EUR 500 000.

**Indicative number of contracts envisaged:** one single contract

#### ***Indicative timeframe for launching the procurement procedure***

The procurement procedure is expected to be launched in the second quarter of 2017.

The award of contract and the start up of the implementation are envisaged for the third/forth quarter of 2017.

## ***Implementation***

This action will be implemented under direct management by the Directorate General for Environment.

## **5. Pilot project - Towards evidence-based improvements in the Birds and Habitat Directives (BHD) implementation: systematic review and meta-analysis. Work programme for 2017.**

### **5.1. Introduction**

On the basis of the objectives given in the budget remarks this work programme contains the actions to be financed and the budget breakdown for year 2017 as follows:

- for procurement (implemented under direct management) (5.2)

### **5.2. Procurement**

The overall budgetary allocation reserved for procurement contracts in 2017 amounts to EUR 500 000.

**Legal basis:** Pilot project within the meaning of Article 54.2(a) of the Financial Regulation

**Budget line:** 07 02 77 40

#### **Subject matter of the contracts envisaged**

Inadequate knowledge and poor access to data were identified in the Nature Fitness Check evaluation as obstacles to successful implementation of the Birds and Habitats Directive (BHD).

The contract will aim to respond to this problem by building on the knowledge base and evidence gathered during the fitness check and by bringing together and analysing relevant knowledge, evidence, tools, approaches and good practices that can help improve BHD's performance. The knowledge base will be organized to ensure that practitioners and stakeholders have access to information necessary for implementing different requirements of the Directives.

This will require developing and strengthening approaches for defining information needs, sourcing, gathering and ensuring good access to and use of evidence for implementation, building on and with a view to promoting good practice in the Member States. As such it will not only involve the scientific community but also practitioners and stakeholders that are directly involved in the day to day challenges of implementation.

The contract will strategically support the delivery of an Action Plan focused on improved implementation of the Directives as follow up to fitness check.

**Type of contract:** new service and study contract

**Indicative number and amount of contract :** One contract of an estimated overall value of EUR 500 000.

### ***Indicative timeframe for launching the procurement procedure***

The procurement procedure is expected to be launched in the second quarter of 2017.

The award of contract and the start up of the implementation are envisaged for the third/forth quarter of 2017.

### ***Implementation***

This action will be implemented under direct management by the Directorate General for Environment.

## **6. Pilot project - Promoting alternatives to animal testing. Work programme for 2017.**

### ***6.1. Introduction***

On the basis of the objectives given in the budget remarks this work programme contains the actions to be financed and the budget breakdown for year 2017 as follows:

- for procurement (implemented under direct management) (6.2): EUR 400 000.

- for grants without a call for proposals (implemented under direct management) (6.3): EUR 300 000.

- for other actions (implemented under direct management) (6.4): EUR 300 000.

### ***6.2. Procurement***

The overall budgetary allocation reserved for procurement contracts in 2017 amounts to EUR 400 000.

***Legal basis:*** Pilot project within the meaning of Article 54.2(a) of the Financial Regulation

***Budget line:*** 07 02 77 41

### ***Subject matter of the contracts envisaged:***

The objective is to make training affordable and accessible to all those involved in the use and care of animals to ensure the required competences can be obtained and maintained, and that the free movement of researches is facilitated within EU.

The contracts will serve to develop open access interactive online courses on priority training modules agreed and incorporated in the EU Education and Training Framework under Directive 2010/63/EU to facilitate harmonised approach to Laboratory Animal Science (LAS) education and training in the EU and the attainment of sufficient competence level of those involved in care and use of live animals for scientific purposes as required by Directive 2010/63/EU.

The developed training modules will be made available for the benefit of the entire user community, authorities tasked with project evaluation and inspections, as well as researches involved in the development of alternative methods. In addition, course providers will be

given access to include the developed modules in specific training courses facilitating widest dissemination and thereby harmonisation across the EU.

The developed training modules should cover key activities that support the uptake and development of alternatives including on how to "search for alternatives"; "develop new alternatives for regulatory purposes"; "implement severity framework within projects using live animals (Refinement)" and "carry out project evaluation to ensure update and application of alternatives" or other key activities that have direct impact on the application of the Three Rs such as "design of procedures and projects" and "ethics, animal welfare and the Three Rs"

Finally, on the basis of gap analysis, a creation of a university level (under/post graduate) course, where appropriate, in support of the Three Rs (Replace, Reduce and Refine the use of animals in scientific procedures) objectives in the Directive.

**Type of contracts:** Two/three direct service contracts for technical and IT assistance for the development of free access on-line training courses on priority modules included in EU Education and Training Framework under Directive 2010/63/EU.

**Indicative number and amount of contract :** Two/three contracts for an estimated overall value of EUR 400 000.

***Indicative timeframe for launching the procurement procedure***

Following a global commitment, the first procurement procedure is expected to be launched in the fourth quarter of 2017. The award decision is estimated to take place by December 2017.

The second (and thrd) procurement procedure(s) should be launched by end of Q2 2018.

***Implementation***

This action will be implemented under direct management by the Directorate General for Environment.

**6.3. Grants**

The overall budgetary allocation reserved for grant in 2017 amounts to EUR 300 000.

**Legal basis:** Pilot project within the meaning of Article 54.2(a) of the Financial Regulation

**Budget line:** 07 02 77 41

**Amount:** 300 000 EUR

***Priorities of the year, objectives pursued and expected results***

The objective of the pilot project is to facilitate the process of mutual recognition of, and access to quality education and training in LAS.

The grant will support the Education and Training Platform for Laboratory Animal Science (ETPLAS) for the development of a modern, interactive forum to exchange information on LAS education and training, in line with EP Pilot request.

***Description of the activities to be funded by the grant awarded without a call for proposals on the basis of article 190.1 (f) of Delegated Regulation (EU) No 1268/2012***

The action grant will include the following activities:

- the establishment of criteria for approval /accrediting bodies;
- the recognition and maintainance of a list of approval /accrediting bodies;
- the maintainance and development of the criteria for the training modules;
- the definition and maintainance of a database of available training modules;
- the definition and maintainance of a catalogue of approved training courses searchable by modules contained in them;
- the collection and sharing of information on standards and tools for supervision and competence assessment;
- the sharing of information on standards and templates for recording training and competence assessment.

These activities imply:

- a high level expertise on education and training able to cover the wide and heterogeneous context of the LAS;
- a structure able to reach and build up agreements between the course providers and course accrediting/approval bodies;
- a solid partnership with responsible Member States' authorities and
- an in-depth knowledge of the functioning of the LAS.

These features makes ETPLAS – a limited liability company - IUCN -, the only really suitable candidate for being awarded with this grant according to Art.190.1(f) of the RAP.

ETPLAS is a unique organisation in Europe established between the three main stakeholders i.e. Member State authorities, course providers and course accrediting/approval bodies that facilitate free movement of research staff and the related competence attainment as required by Directive 2010/63/EU.

Thanks to its experience and expertise, ETPLAS exerts a central and critical role in supporting LAS-related actions in Europe and is a credible key actor to develop an open dialogue between public authorities, education and traing course providers and accrediting bodies.

ETPLAS is mentioned in the budgetary remarks of this pilot project in view to improve the offer of "specific training courses, including on-line courses, not only for scientists, depending on their area of work (e.g. basic research or toxicology), doctors and veterinarians, but also for industry stakeholders".

***Essential selection and award criteria***

Main selection criteria	<p>Operational capacity in terms of professional competencies, qualifications required to complete the project.</p> <p>Financial capacity in terms of stable and sufficient sources of funding to maintain the activity throughout the period during which the proposal is being carried out and to participate in its funding.</p>
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Main award criteria	Criterion	Pass score	Maximum score
	Technical coherence and quality of the proposal	22	45
	Comprehensiveness of the approach in relation to the specific need addressed	15	30
	Financial coherence and quality	12	25
	Total	55	100

### **Implementation**

This action will be implemented under direct management by the Directorate General for Environment.

### **Indicative timetable and indicative amount of the grant(s) awarded without a call for proposals**

Reference	Date	Maximum Amount
Submission of the proposal	Third quarter of 2017	
Signature of the grant agreement	Fourth quarter of 2017	300 000 EUR

### **Maximum possible rate of co-financing of the total eligible costs**

A co-financing rate of maximum 90 % of eligible costs is foreseen.

### **6.4. Other Action – cross sub-delegation**

The overall budgetary allocation reserved for other action in 2017 amounts to EUR 300 000.

**Legal basis:** Pilot project within the meaning of Article 54.2(a) of the Financial Regulation

**Budget line:** 07 02 77 41

**Amount:** 300 000 EUR

### **Description and objective of the cross-subdelegation**

The European Union Reference Laboratory for Alternatives to Animal Testing / European Centre for the Validation of Alternative Methods (EURL ECVAM) within DG JRC is established by Article 48 of Directive 2010/63/EU and co-ordinates the validation of alternatives at EU level.

In 2016, EURL ECVAM was tasked to carry out Action 1 of the Commission response to the European Citizen's Initiative "Stop Vivisection" to "analyse technologies, information sources and networks from all relevant sectors with potential impact on the advancement of the Three Rs and to present by end 2016 an assessment of options to enhance knowledge

sharing among all relevant parties". This Action was completed and a report with follow up recommendations has been published.

The JRC will identify from the results of this 2016 activity the most promising recommendations and take these up within the additional resources of this cross-subdelegation.

This is mentioned in the budgetary remarks of this pilot project in order to improve information and knowledge exchange on the Three Rs and to actively promote alternatives.

#### ***Indicative timeframe for launching the procedure***

The cross-subdelegation is expected to be signed in the third quarter of 2017.

#### ***Implementation***

This action will be implemented under direct management and delegated to the JRC.

## **7. Pilot project — Study on life cycles of electric, biofuel and traditionally fuelled vehicles. Work programme for 2017**

### ***7.1. Introduction***

On the basis of the objectives given in the budget remarks this work programme contains the actions to be financed and the budget breakdown for year 2017 as follows:

- for procurement (implemented under direct management) (7.2)

### ***7.2. Procurement***

The overall budgetary allocation reserved for procurement contracts in 2017 amounts to EUR 500 000.

***Legal basis:*** Pilot project within the meaning of Article 54.2(a) of the Financial Regulation

***Budget line:*** 34 02 77 03

#### ***Subject matter of the contracts envisaged***

The aim of the contract will be to compare the life cycle emissions and broad environmental impacts of different types of light duty vehicles in the context of achieving transport decarbonisation.

As a first step, this will include a mapping of CO<sub>2</sub> and NO<sub>x</sub> emissions, both directly and indirectly, and of other environmental impacts over the entire life cycle (i.e. pre-production, production, in use - on average annually - and post use phases) of light duty vehicles.

The vehicle types to be studied should include but not be limited to:

- conventional fossil fuel vehicles,
- electric vehicles (battery, plug-in hybrid, fuel cell),
- biofuel-using vehicles and other vehicles using low-carbon alternative fuels.

The emissions and environmental impact of each type of vehicle will be compared with one another, as this is essential to reach the objective of the project.

**Type of contract:** service contract

**Indicative amount per contract :** EUR 500 000

**Indicative number of contracts envisaged:** 1-2 contracts

**Indicative timeframe for launching the procurement procedure**

The procurement procedure(s) is/are expected to be launched in the third quarter of 2017 and the activities to start at the beginning of 2018

**Implementation**

This action will be implemented under direct management by the Directorate General for Climate Action.