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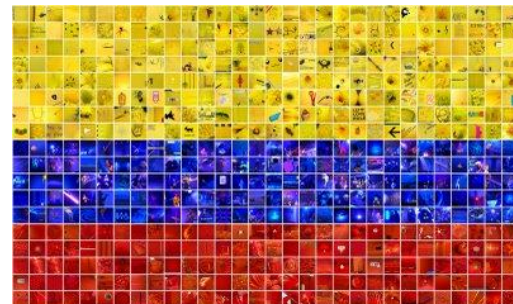
# EU-CELAC Joint Initiative of Research and Innovation

## Biodiversity and Climate Change

Working Group led by  

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Colombia and France



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# Working Group members

- ***LAC participants***

- ***Colombia***
- *Peru*
- *Uruguay*
- *Panama*
- *Mexico*
- *Costa Rica*

- ***EU participants***

- ***France***
  - *Finland*
  - *Spain*
  - *European Commission*
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# Specific objectives of the Working Group

1. Identify possible cooperation activities or pilot projects to be developed in certain predefined subareas between EU and Latin American partners.
  2. Present and discuss European and Latin American public policies concerning the thematic field.
  3. Provide inputs for the SOM working groups
  4. Identify possible funding schemes for these new activities such as:
    - Mobility Calls
    - Cluster of Knowledge (Technological Platforms)
    - Joint Projects
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# Work Progress 2012-2013

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# Work Process:

## Previous activities (2011)

- *Construction of workshop:* Jointly constructed agenda of the workshop “Mitigation and adaptation measures to reduce the impact of climate change and achieving the sustainable use of biodiversity.
- *Execution of the workshop:* Identification of joint definition of objectives, areas of common interest, evaluation of cross cutting themes, proposal of an Implementation Plan, definition of instruments and indicators, for the WG.

Listing of 24 EU-CELAC areas of common interest were identified.

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# Work Process:

## Activities 2012

Distribution of an online survey addressed to EU-LAC STI related institutions and ministries.

Colciencias received input from Costa Rica, Ecuador, Argentina and Spain. The following points were possible to assess:

- Prioritization of areas of common interest.
  - Definition of expertise of areas of common interest
  - Main activities to be developed in the area of common interest
  - Identification of national and multilateral funding agencies that would support the area of common interest.
  - Identification of short term, mid-term and long term strategies
  - Identification of major obstacles to collaborate effectively on climate change and biodiversity at a national level.
  - Identification of strategies to develop partnerships for capacity-building.
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## Five areas of common interest stem from the survey addressed to EU-LAC STI-related institutions and ministries (July 2012)

1. Water-related problems (the way they could alter biodiversity and ecosystem processes).
  2. Climate change and its relation with ecosystem functioning in a regional integrated approach including scenarios, modeling tools, and assessment of climate extremes.
  3. Bioprospecting, considering technology and knowledge transfer and benefit sharing.
  4. Focus on monitoring and impact of climate change on key species (e.g. invasive alien species, bio-indicators in mountain ecosystems) through bi-regional networks.
  5. Interdisciplinary research looking for multiple and interactive factors that lead to biodiversity loss and impacts on ecosystem functioning.
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# Work Process: Activites 2012

## 2) Bilateral Meeting of Experts: Bogotá, December 2012





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# Bilateral meeting of experts and STI stakeholders of Colombia and France(December 2012)

## Conclusions

- Inclusion of important Colombian key actors who are currently doing research in Biodiversity and Climate Change.
  - Analysis of the current status of the joint initiatives that could become a roadmap to implement JIRI´s objectives.
  - Adoption of the five thematic areas that stem from the survey addressed to EU-LAC STI-related institutions and ministries (July 2012) for future joint initiatives and programs.
  - Search of funding mechanisms to implement a joint public call on biodiversity and climate change for mobility of researchers.
  - Use of the ALCUENET project to implement a platform of great scope in the field of biodiversity and climate change.
  - Identification of local stakeholders which are developing initiatives in biodiversity and climate change through online surveys.
  - Utilization of existing local and international platforms of biodiversity and climate change.
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# Profile of Colombian key actors involved in the field of Biodiversity and Climate Change

## **Administrative Department of Science, Technology and Innovation – COLCIENCIAS**

Colciencias is the coordinator of the National System of Science, Technology and Innovation of Colombia. It promotes public policies to foster STI in Colombia. The activities around the fulfillment of its mission involves building political consensus on the production of knowledge, building capacity for STI.

## **Ministry of the Environment and Sustainable Development**

National public agency responsible for matters related to the environment and sustainable development. It performs and promotes activities directed at sustainable development through the formulation, adoption and technical and regulatory orchestration of policies, based on the principles of participation and integrity in public administration.

## **Institute for Research on Biological Resources of Colombia: Alexander von Humboldt:**

Created in 1993, the Alexander von Humboldt Institute for Research on Biological Resources is the biodiversity research branch of the National Environmental System (Sina). The institute is a civil nonprofit corporation linked to the Ministry of Environment and Sustainable Development. The Institute is responsible for carrying out scientific research on biodiversity in Colombia. This includes research on hydrobiological and genetic resources. In addition, the Institute coordinates the National System of Information on Biodiversity and the formation of the national biodiversity inventory.

## **National Hydro-Meteorological Institute of Colombia - IDEAM**

IDEAM as a national institute under the Colombian Ministry of the Environment is to improve knowledge and ensure access to information on the natural resources and hydro meteorological conditions in Colombia. This includes the generation of knowledge that contributes to the conservation and management of the natural protected areas of the country

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# Current participation of Colombia and France and working group participants in FP7 initiatives which support JIRI ALCUENET

The ALCUE NET project is expected to operate as a technical support structure to the JIRI. The project will provide statistical information, impact assessments, and organizational work in order to facilitate the launching of joint activities.

Colciencias representing Colombia, and IRD representing France are leaders of the Working Package *Addressing Societal Challenges through action in Biodiversity thematic priority of the JIRI*.

## *General Objective:*

To support the identification and development of concrete pilot activities in the biodiversity field. These may include, R&D efforts, policy coordination, capacity building, good practices relating to innovation and market development, human resources.

## *Tasks:*

- 5.1: Observatory on relevant key thematic STI information, projects and assessments.
  - 5.2: Networking: Identification and organisation of key actors and stakeholders
  - 5.3: Bi-regional dialogue in Biodiversity and Climate Change: STI priority agenda.
  - 5.4: Matchmaking (according to good practices) and framework conditions in bi-regional cooperation targeting climate change and biodiversity
  - 5.5: Development of proposals for and implementation of concrete joint activities
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# Current participation of Colombia, France and Working Group participants in FP7 initiatives

## ENSOCIO-LA

The ENSOCIO-LA project aims at establishing sustainable and integrated research and innovation cooperation between the EU and Latin American Countries in the environmental field, namely in climate change, resource efficiency and raw materials

Colciencias representing Colombia is co-leader of the Working Package *Review of initiatives, networks and funding opportunities*

### *General Objective:*

To evaluate historical to recent cases of EU LA cooperation in relevant problem areas, financially supported by European sources mainly in the FP5, FP6 and FP7. Besides exploring EU initiatives such as FP, the project considers important to search initiatives in Latin America such as the bilateral cooperation agreements on STI of Argentina, Mexico, Chile and Brazil with EU member States, the Ibero-American programme for science and technology (CYTED), and other EU-LAC cooperation schemes to see if these platforms have developed programs in the fields of climate change, resource efficiency and raw materials.

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# Some Initiatives for JIRI actions 2013-2014

1. Bi-regional platform of scientific and technological cooperation between LAC and the EU. (Green Platform)
  2. Execution of a workshop on innovative public-private partnerships.
  3. Proposal of Launching of a joint public call to provide mobility to EU-LAC researchers and innovators upon results of workshops.
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# EU-LAC platform of scientific and technological cooperation: Green Platform on Biodiversity and Climate Change

The Green Platform is a space of communication between European and Latin-American researchers and scholars that are developing bi-regional projects on biodiversity and climate change and would like to involve other stakeholders.

The platform will have the following features and tools:

- Inventory of EU-LAC scientific cooperation
  - Proactive, collaborative, free, virtual, public ALCUE network aiming to involve stakeholders and exchange good practices, case studies and transference of knowledge
  - Discussion boards, virtual seminars and short training on cross-sectional issues.
  - Directory of graduate and PhD programs in Europe and Latin America with specialty in biodiversity and climate change.
  - Directory of EU-LAC institutions related to biodiversity and climate change
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# Joint call for mobility of researchers

## (Proposal)

Based on the information that the bi-regional platform and the workshop will provide, the next step to

strengthen the bi-regional cooperation between Europe and Latin America, will be the launching of a bi-regional public joint call for mobility of researchers:

Objectives and conditions:

- Support the exchange of European and Latin American researchers and innovators that wish to develop projects and proposals in Biodiversity and Climate Change subject of being submitted to horizon 2020 calls
  - Support the exchange of European and Latin American researchers and innovators that are already developing research projects in Biodiversity and Climate Change and would like to perform **Short Research Stays** in EU-LAC countries.
  - Each EU-LAC STI agency will provide resources to pay airfares for their own researchers.
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**Thanks / Merci/ Gracias**

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