



ALCUE NET

Latin America, Caribbean and European Union Network on Research and Innovation

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ALCUE NET WP4 on SOM JIRI Bioeconomy WG
Meeting on the SOM JIRI Working Group on
Bioeconomy





Background: The EU-CELAC S&T Policy Dialogue

EU-CELAC Summits

- ...Madrid 2010; Santiago 2013; Brussels 2015...
- Declarations; Action Plan

Senior Officials Meetings (SOM)

- ...Brussels 2011; Concepción 2012; Brussels 2013; Costa Rica 2014...

JIRI Working Groups

- **Bioeconomy/ ICT/ Biodiversity + CC/ Energy/ Health/ Cross Cutting...**

THE EU-CELAC BIOECONOMY WORKING GROUP OF THE SOM

Co-led by Argentina & France



CELAC members

- **Argentina - MINCYT**
- Bolivia - MINEDU
- Mexico - CONACYT
- Chile - CONICYT
- Costa Rica - MICIT
- Panama - SENACYT
- Peru - CONCYTEC
- Guatemala - CONCYT/SENACYT
- Nicaragua - CONICYT
- Uruguay – MEC
- Colombia- COLCIENCIAS

EU members

- **France - MERS**
- Belgium- Universiteit Gent/ VITO
- Finland- AKA
- Germany - BMBF
- Spain - MINECO
- Malta - MCST
- Austria – BMUKK
- **+... (To be nominated in Costa Rica)**
- European Commission

Experts from other EU-CELAC countries have participated in different WG activities: Barbados, Peru, Ecuador, Brazil, Guadeloupe, Italy, Netherlands, Portugal



■ 9 Working Groups meetings:

1. June 2011. Cali, Colombia
2. September 2011. Paris, France
3. April 2012. On line Consultation
4. June 2012. Toulouse, France.
5. November 2012. Cali, Colombia
6. March 2013. Buenos Aires, Argentina
7. October 2013. San José, Costa Rica
8. October 2013. DF, México- ALCUE NET/CYTED
- 9. *March 2014. Cali, Colombia***



1. Joint Call on selected R&I topics
2. CELAC Bioeconomy Observatory
3. Capacity Building: Bi-regional Master program in Bioeconomy

Three concrete proposals to be presented to the next EU-CELAC SOM in Costa Rica, April '14



1. Joint Call on selected R&I topics

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- Identification of bi-regional topics
- Elaboration of topic profiles + formulation of a report to be presented to the SOM, supported by ALCUE NET & ERANet-LAC (*in process*)
- Suggestions of topics to the EU-CELAC SOM for a first Joint Call (October/November 2014) (*in process*)

	Topics
BIOTECHNOLOGY	• Energetic crops: genetic improvement and efficient use of resources • Artificial seeds for wood production • Design and screening for multipurpose crops
ECO INTENSIFICATION	• Integral crop protection: Agricultural diversity • Crops productivity and stability • Integrated pest management
BIODIVERSITY	• Screening for new bioactive metabolites and enzymes from terrestrial and marine microorganisms for food and cosmetic industry, based on market demand • Health promoting compounds from plants • Integrated open access LAC databases on native organisms and their functionalities
BIOREFINARY & PRODUCTS	• Agricultural waste, agro-industrial, industrial forest (Characterization and uses of bio based waste and residues) • Biorefinery of wet biomass – energy efficient processing • Lignocellulose and green Biorefinery: production of new high value bio-based products • Biorefinery for sustainable food production (small scale biorefinery at current biomass processing sites) • Production of biobased building blocks for polymers and bioactive compounds for food, cosmetic and pharmaceutical industry

- network & ToR to establish
action + tasks)
ALCUE NET project
ure (following JRC):
Team- by pillar (*in process*)



3. Capacity Building

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Proposed formulas/ bi-regional activities

- **Introductory seminars** on different topics of the BE, webinars free to download in different languages
- **Short BE specific courses** at postgraduate level, make use of existing courses and e-distance courses, webinars e.g. legal, marketing, management, strategic planning, business development, engineering, biotechnology, bioinformatics, valorisation innovation partnerships...
- **Summer courses tailored at specific audiences** that are modular in structure with flexibility for the students to select one or more modules taught by an international faculty and with a registration fee to (help) cover expenses.
- **Specialized courses** for training of **technical** (operational) **skills** (train the trainer's principle).
- **Bi-regional Master in the BE** (Mgmt of the Bioeconomy?) strong coordination needed, 20 students max, local faculty needed, distance learning?, funding for scholarships and for making the contents of the modules, selection of students, target audience



Joint call Topics

1. Topics for the first Joint Call (October/November 2014)
2. Expression of interest to finance Joint Call + allocated budget

CELAC Observatory

1. Explore the sustainability beyond ALCUE NET project
2. Expression of interest to join the Observatory team (regional/national institutions)

Capacity Building

1. Expressions of interest



ALCUE NET

- ✓ WP dedicated to BE: Observatory development, Networking/ Matchmaking, Bi-regional RTD agenda construction, Capacity building...
- ✓ Reports on BE/ Concept paper for SOM consideration + SOM Action Plan

ERANet-LAC

- ✓ Organization & implementation of Joint Calls on selected RTD topics on BE

For more information

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ALCUE NET is funded by the European Commission under the 7th Framework Programme.