

Observatorio CELAC Bioeconomía

Nueva iniciativa de cooperación internacional

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Tecnología e Innovación Productiva
Presidencia de la Nación

Algunas consideraciones generales....

- *Qué es la CELAC?*

Comunidad de Estados Latinoamericanos y del Caribe, 2012. Grupo de CyT- Última Reunión Quito Sept. 2015. Plan de Acción.

- *Contexto de Cooperación Internacional*

CELAC - Unión Europea. Grupo de Trabajo Birregional en Bioeconomía formado en 2010 (Argentina/Francia), apoyado por proyectos temáticos y plataformas de coordinación financiados por Programas Marco de UE (PM6 y PM7).

Why we need a Bioeconomy Observatory in CELAC?

As global challenges become more complex and multiple, and more transparent, the bioeconomy has become a more opportune model at the global level.

Different regions of the world have specific Bioeconomy strategies and action plans to address societal and economic challenges:

- OECD 2009
- Canada 2009
- European Union 2012
- DE, DN, NL, BE, SE, NO
- United States 2012
- South Africa 2013

 **CELAC region advances many BE activities. As such CELAC needs a bioeconomy informing, reporting and dialogue tool to make visible its comparative advantage & opportunities**

CELAC Bioeconomy Observatory background

- In 2014, in the framework of the EU-CELAC SOM, the representatives of the SOM WG of bioeconomy raised the need to develop a regional thematic observatory in bioeconomy.
- Thus the initiative was integrally supported by the ALCUE NET project, under the coordination of MINCyT (Argentina).
- Synergies with the European Observatory organized by the Bioeconomy Information System and Observatory Project (BISO) were an important input.
- The need to give sustainability to the FP7 funded ALCUE-KBBE project activities.
- In March 2016, EU-CELAC SOM official representatives supported the initiative and committed to send national information to publish through the portal.

CELAC Bioeconomy Observatory objectives

CELAC Bioeconomy Observatory has been conceived as an Internet platform for professional networking and sharing of information and knowledge in Bioeconomy.

- To promote CELAC Bioeconomy by facilitating its knowledge to the general public and stakeholders
- To provide specific information to those who drive Bioeconomy in the region
- To establish a one-point entry to the CELAC Bioeconomy and Bi-regional cooperation
- To provide Information support for decision making in policy development
- To provide a Promotion tool to increase levels of social acceptance of Bioeconomy
- To offer a platform for CELAC Bioeconomy stakeholders to exchange information as a thematic community



Country section

COUNTRY PROFILES

Mapping of regional policy
initiatives relevant for the
development of the bioeconomy.



SAMPLE
REGIONAL
CASES

BIOECONOMY
COMMUNITY

FUNDING
OPPORTUNITIES

NEWS &
EVENTS

BIOECONOMY
COMMUNITY



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www.celacbioeconomy.org

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CELAC Bioeconomy Observatory tasks

- Generate and collect systematically specific information related to BE
- Support policy making
- Plan, develop & monitor bi-regional cooperation in BE
- Establish mechanisms to facilitate access & up-dating of information of strategic value to the BE
- Serve as a Link to already sources of qualitative-quantitative knowledge resources on selected topics
- Create an inventory of BE related EC RTD bi-regional projects
- Monitor specific indicators of BE in CELAC
- Provide information on access to BE “success-stories”
- Provide information on access to key BE stakeholder profiles
- Generate new info on themes identified as of strategic value

Coverage areas

- Data and information will be collected at three levels:
 - Regional Level: CELAC
 - International Level: EU-CELAC
 - Country Level: under Country Section
- ▶ First step implemented in the framework of ALCUE NET Project supported by BE SOM WG
- ▶ **Synergies with other relevant initiatives:** European Observatory, CEPAL, CIAT, CIRAD, ALCUE NET, RED CLARA, ERANet-LAC, ELAN, FACCE JPI etc...



CELAC Bioeconomy Observatory Structure

- Pillars approach: Research/ Policy/ Market (EU Observatory)
- Capacity Development and Raise Awareness
- Country Section: Country Profile
- Bioeconomy R&I Community of stakeholders (intranet)
- Other sections, (news, events, successful cases...)



Pillars structure: Data analysis + Data identification

- R&D investment; R&D personnel and Human Resources skills; Patents; Research and innovation programmes
 - mapping of quantitative data on Bioeconomy R&D public and private investments, people involved in the different sectors, patents, and main project and programmes
 - Baseline report on regional policies & monitoring of policies that could have an impact on BE; Availability of resources at national and regional level; Policy-stakeholder networking
 - mapping of a broad range of policies and main organisms related to the main bio-based industries
 - Define data availability (by sources & specific users); Database management; Bio-based industries and chains
 - mapping of all existing databases, identifying main data gap analysis in the region



Capacity Development and Raise Awareness about the bioeconomy potential for the region

Organization of events and the development of materials with bioeconomy related information that will improve the uptake, discussion and adoption of the model in the region by industry, government and civil society.

Outcomes:

- Increased public knowledge about the bioeconomy concept, its potentials and requirements.
- Promoted policy dialogue, exchange and understanding among public and private bioeconomy stakeholders.

Capacity development

- The observatory will prepare an Inventory of EU and CELAC offer in terms of:
- Funding programs available (i.e. Marie Curie, Erasmus)
- Updated & dynamic data base of bioeconomy related courses
- Course material - Library of bioeconomy courses
- The observatory will also offer on line courses and training to be implemented in cooperation with EU experienced partners.

Outcomes:

- An enabling context for the development of C&T in CELAC region.
- Better informed and trained bioeconomy related actors

COUNTRY BIOECONOMY PROFILE

ARGENTINA

POLICY

Structure of the Bioeconomy Institutional system

Responsible National Authorities / Agencies	Ministerio de Ciencia, Tecnología e Innovación Productiva Ministerio de Agroindustria
	Ministry of Science, Technology and Productive Innovation Ministry of Agroindustry
	www.bioeconomia.mincyt.gob.ar http://www.agroindustria.gob.ar/sitio/

List of " bioeconomy-relevant" policy initiatives

National Bioeconomy Strategy	National Plan of Science, Technology and Productive Innovation: Argentina Innovadora 2020
	Argentina Innovadora 2020 is the main document through which the National Government establishes the guidelines of scientific, technological and innovation policy towards the year 2020. Among the several strategic areas identified, Bioeconomy is one of the most important development opportunities for our country. Throughout our vast territory, diverse ecosystems have been developed offering a huge biodiversity with enormous economic potential. Therefore, the implementation of a Bioeconomy strategy implies a federal development opportunity for Argentina.
	http://www.argentinainnovadora2020.mincyt.gob.ar/

COUNTRY BIOECONOMY PROFILE



GENERAL INFORMATION

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SAMPLE CASES

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CELAC Bioeconomy Community

Will be an intranet platform section under the observatory for professional networking and sharing of information and knowledge in Bioeconomy, dedicated to the creation of a community of stakeholders.

Main useful collaborative tools

- Internal news section
- Web conferences
- Video conferences
- Web traffic of data
- Streaming
- Chat

Next steps

Activity	Concrete Actions	Timeline
Synergies with other relevant initiatives	Dialogue with thematic initiatives Contact with EU Observatory coordinator/ CEPAL representatives/ FFACE JPI To explore: ERANET Co fund on BE/JPI/Global Alliances	First- 2016
Support by the Cross cutting SOM WG	Dialogue with the sub group EU-CELAC collaboration on International Early Stage Researchers Career Development	First- 2016
Implementation of the CELAC Observatory	Launch the CELAC Observatory Portal (MINCYT-ALCUE NET) Generate country sections + general content (profile + news)	Mid-2016 First-2016
Bi regional areas and Topics for H2020 and joint calls	Identification of common R&I areas and topics during ALCUE NET meetings and b2b other related initiatives	End-2016
Bi Regional collaborative projects	Identification of calls under H2020 to develop bi regional projects/consortia building	End-2016
Upcoming Events	Bi Regional Workshop on Bioeconomy: Official launching of the observatory. Argentina	Mid-2016
	Presentation of the observatory in national events (ie. Argentina regional events)	Mid-2016
	Working group meeting at the occasion of the Colombian Bioeconomy Forum in Colombia + CELAC countries commitments.	Mid-2016



Muchas gracias

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