

CELAC Bioeconomy Observatory

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Bioeconomy Observatory

In response to the potential of the emerging Bioeconomy for the Latin American and Caribbean¹ region, the present document intended to prepare the ground for the future CELAC Bioeconomy Observatory. The document informs the design of the structure and monitoring activities, which will be undertaken within the CELAC observatory.

The first steps to set up the observatory will be supported by the bi regional project ALCUE NET², coordinated by Argentina.

The document was elaborated to inform and to put for consideration of the CELAC representatives during the EU-CELAC Senior Officials Meeting in March 2016 in Brussels.

The Bioeconomy concept

The bioeconomy can be defined as an economy in which consumption and production of goods and services are based on the direct use and sustainable transformation of biological resources and the productive use of wastes generated in processes of, transformation and consumption.

The bioeconomy includes —conventional and modern— technologies that are used to transform biological resources, especially those related to biotechnology.

The incorporation of the concept within development and innovation policies originated in Europe during the nineties and consolidated in 2010 with the publication of the white paper "The European Bioeconomy in 2030" and the launching of the "European Bioeconomy Strategy" in February 2012 under the title "Innovating for Sustainable growth: a bioeconomy for Europe". Over the last five years several non-European countries have also developed strategies aimed at the development of the bioeconomy, including the United States and Canada, and emerging countries such as China, India, South Africa, Russia and Malaysia.

Despite its potential for Latin America and the Caribbean, the concept of bioeconomy has received little attention in public policies in the countries of the region. The closer are strategies on bioenergy and biotechnology in Brazil and Argentina.

¹ The Latin America and Caribbean region will be referred as "Community of Latin American and Caribbean States" (CELAC). The CELAC (Spanish: Comunidad de Estados Latinoamericanos y Caribeños) is a regional bloc of Latin American and Caribbean states thought out on February 23, 2010, at the Rio Group–Caribbean Community Unity Summit, and created on December 3, 2011, in Caracas, Venezuela, with the signature of The Declaration of Caracas. It consists of 33 sovereign countries in the Americas.

² ALCUE NET: "Latin America, Caribbean and European Union Network on Research and Innovation": A four and a half year project funded by the 7th Framework Programme of the European Union.

Regional approach: the CELAC potential

The Latin American and Caribbean region is particularly well placed to contribute and benefit from the emerging bioeconomy. Its extensive and diverse natural resources paired with a dynamic economy and growing human resources offer a good foundation for a robust future bioeconomy. The region has over 50% of its lands classified as having agricultural potential, with projections for 2050 highlighting that more than 300 million has could be brought into production, offering a basis for a strong bioeconomy contributing both to food security and energy objectives, and with important social opportunities. Biodiversity resources in the region are also significant, with some of the world's most important biodiversity hotspots.

These resources are already supporting an emerging biobased economy. There already are substantial in-roads in the biofuels sector as well as in key technologies such as biotechnological applications and eco-intensification practices. Brazil practically dominates the international ethanol trade market and countries like Argentina are key players in the biodiesel markets. CELAC is the only region in the world that would be able to meet its energy requirements based on “bio” alternatives.

The region is also a prominent player in biotechnology exploitation. Ten of the 28 countries in the world that are using GM technologies in 2014, are in Latin-America, with four of them - Brazil, Argentina, Paraguay and Uruguay – accounting for more than a third of the world's GMO cropping area. Latin American countries are strong in some of the ecological intensification practices, especially “zero-tillage”, with more than 45 million has, under this form of cultivation.

These resources and experiences highlight the importance of bioeconomy pathways for the CELAC region and the contributions that they can make both to global equilibriums and to regional challenges. It is clear that whatever future scenario one anticipates for the global bioeconomy, CELAC has a distinctive role to play. At the same time, the region has a challenge of its own. At the global level, the region has a critical role in contributing to global food, fiber and energy balances, while improving environmental sustainability. Within the region's boundaries, the emerging bioeconomy is a new source of opportunities for equitable growth through improved agricultural and biomass production.

Setting the scene: The creation of an observatory

The way to observe and monitor the Bioeconomy as well as trends in the CELAC region is still fragmented.

The creation of an Observatory will intend to develop a regional strategy with the aim to emphasize the importance of the bioeconomy for CELAC in addressing major societal and economic challenges and to create a more favorable environment for its realization as well as to

support the monitoring of relevant indicators and trends and help anticipate new and emerging issues delineating future opportunities.

In this context, the Observatory will be an instrument to:

- Promote bioeconomy in CELAC by facilitating its knowledge to the general public and stakeholders
- Provide specific information to those actors who drive bioeconomy development within the region
- Establish a one-point entry to the CELAC bioeconomy and EU CELAC cooperation
- Provide information support for decision making and policy development
- Promote business development and support investment decisions in the related sectors
- Provide a promotion tool to increase the levels of social acceptance of the Bioeconomy principles, sectors and products
- Offer a platform for EU-CELAC bioeconomy stakeholders to exchange information

By the establishment of this Observatory, it will aim at stimulating the creation of a community of agents related to the development of bioeconomy in the region and position this community in other regions.

The platform will cover different types of instruments -ranging from information desks, news services, databases- to scientific, market and political support centers on the bioeconomy framework. The Observatory also will allow countries to create their own Bioeconomy Country Profile and to communicate and collaborate with others countries around the world more effectively.

Observatory main actions

- To generate and collect systematically specific information related to bioeconomy
- To support policy making
- To plan, develop & monitor bi-regional cooperation in bioeconomy
- To establish mechanisms to facilitate access & up-dating of information of strategic value to the bioeconomy
- To serve as a link to already sources of qualitative-quantitative knowledge resources on selected topics
- To create an inventory of bioeconomy related EC co-funded RTD bi-regional projects
- To monitor specific indicators of bioeconomy in CELAC and compare the performance of this sector with others regions
- To provide information on access to bioeconomy “success-stories” in the EU and CELAC regions
- To provide information on access to CELAC and EU key bioeconomy stakeholder profiles

- To generate new information on themes identified as of strategic value

Coverage areas

The observatory will be organized around three main information pillars (i) research, development and information, (ii) bioeconomy related policies, and (iii) markets and investment opportunities.

Data and information will be collected at three levels:

- Regional Level: CELAC
- International Level: EU-CELAC
- Country Level: under Country Section

The international dimension: EU-CELAC

Beside of the specific CELAC approach, the observatory will also be partly addressed with collection of EU data and information on bioeconomy. In this frame, the Bioeconomy Observatory will also work in synergy with BISO Project (Bioeconomy Information System and Observatory Project³), the Research and Innovation (R&I) Observatory of JRC, which also acts as information system, and the EU-CELAC policy dialogue on C&T, particularly, in the framework of the Senior Officials Meetings.

Implementation in the framework of ALCUE NET Project

The ALCUE NET Project

ALCUE NET⁴ is a four and a half year project funded by the Seventh Framework Programme of the European Union. The consortium is composed of 19 institutions, eight from the European Union and eleven from Latin American and Caribbean countries, representing stakeholders from government and research.

The ALCUE NET objective is to establish a bi-regional European Union, Latin America and the Caribbean (EU-CELAC) platform bringing together actors involved in R&I orientation, funding and implementation, as well as other relevant stakeholders from the public and private sector and the civil society.

The Project supports the Policy Dialogue process on STI to consolidate EU-CELAC cooperation by contributing to the implementation of the Joint Initiative for Research and Innovation (JIRI) in the Senior Officials Meetings (SOM) and contributes to the definition and implementation of joint strategic agendas for research, development and innovation during 2013-2017 focusing on the following priorities: Energy; Information and Communications Technology; Bioeconomy; Biodiversity & Climate change.

³ <https://biobs.jrc.ec.europa.eu/>

⁴ www.alcuenet.eu

For the purpose of ALCUE NET project, the idea of creating an observatory, as a tool to support the development of the CELAC Bioeconomy, is taken to be that of an instrument aimed at the systematic and “permanent” development of specific information (data collection and value adding, quantitatively & qualitatively) to support policy making, program development and monitoring of the different dimensions of bi-regional cooperation on the JIRI priority themes⁵, by focusing on bioeconomy.

In this sense, ALCUE NET project has a specific task to develop a Bioeconomy Observatory in close collaboration with existing regional and national information systems to regularly assess the progress and impact of the bioeconomy and develop forward-looking and modeling tools for cooperation activities especially in but not restricted to R&I.

The strategy for instance, will seek to optimize synergies by investing ALCUE NET efforts and resources in filling the “information gaps” and building the information shell through which all relevant information can be easily accessed by interested parties.

Observatory Structure

A first set-up will seek to cover, at the general bioeconomy level, the following fields & topics:

- Three pillars structure:
 - **Research pillar section:** will include information on investments in Research, Innovation and Skills
 - **Policy pillar section:** will offers a comprehensive policy mapping of bioeconomy-related policy initiatives and will reinforce policy interaction and stakeholder engagement
 - **Markets pillar section:** will provide data on bioeconomy markets in order to reach the enhancement of markets and competitiveness in bioeconomy
- **Capacity Development and Raise Awareness section** will provide raising awareness initiatives about the bioeconomy potential for the region and capacity development for the development of the bioeconomy in the region, including human resources development and on line courses and training
- **Country section** will consist in a “who is who” specific section in the CELAC Bioeconomy Map and will incorporate success stories
- **Bioeconomy R&I Community of Stakeholders** 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 this community of stakeholders.
- Other sections: News, Events, Link of interest, funding opportunities, case of studies

⁵ The JIRI themes are: Biodiversity and Climate Change, ICT, Bioeconomy, Renewable Energies and Health.

1) A three pillars approach

The observatory will be organized around **three main information pillars (i) research, development and information, (ii) bioeconomy related policies, and (iii) markets and investment opportunities.**

Operationally, the observatory will be developed in a decentralized fashion seeking to take advantage – in as much as possible – of efforts already underway in relation to the collection and dissemination of relevant key information. Following this approach each of the pillars will be developed by an organization (or a group of organizations) already working in that field, with ALCUE NET providing – during the initial phase – an “umbrella” entry point for all three pillars. This decentralized networking approach will also facilitate (i) to better reflect the diversity existing within the region, and (ii) the long term sustainability of the mechanism.

From the conceptual point of view (basis for the identification of the specific information to be included in each pillar), the organization of the observatory will follow a similar conceptual framework as the one currently being constructed for the development, monitoring and evaluation of the European Bioeconomy Observatory.

The Bioeconomy Observatory will focus then, on data and information related to the three pillars highlighted in the EU bioeconomy strategy: research (investments in research, innovation and skills), policy (reinforced policy interaction and stakeholder engagement) and markets (enhancement of markets and competitiveness in bioeconomy).

The final structure of the observatory will also take into consideration potential synergies with the proposed Observatory of the European Bioeconomy.

Data and information will be collected at three levels:

- Regional Level: CELAC
- International Level: EU-CELAC
- Country Level: under Country Section

Policy Pillar

This section will contribute to the preliminary identification of public policies relating to institutional and regulatory measures required to promote the development of the bioeconomy in CELAC.

The Bioeconomy Observatory will collect qualitative information on bioeconomy policy initiatives at CELAC level but also at international level outside the CELAC. This will be done through bilateral interaction with other regions. Specially, bioeconomy policy information will be collected at the EU-CELAC Bi Regional level.

- The Bioeconomy Observatory will collect qualitative information on bioeconomy policy initiatives at CELAC level through close collaboration with bioeconomy-related initiatives from other Regional institutions, like CEPAL.
- The Bioeconomy Observatory will also aim at collecting information on bioeconomy policy initiatives taken at international level outside the CELAC. This will be done through bilateral interaction with other regions. Specially, bioeconomy policy information will be collected at the EU-CELAC Bi Regional level. Focus for detailed analysis will be given to policy initiatives from Bi regional policy meetings such as Summits and Senior Officials Meetings (SOM) identified through interaction with both communities. On the other hand, some International Organizations active on bioeconomy policy monitoring (for example OECD) will also be bilaterally consulted. Collaboration has already been initiated with the SOM Working Group on Bioeconomy. In the short term collaborations are expected to be created through the annual Bi Regional Senior Officials Meeting.
- The Bioeconomy Observatory will also collect qualitative information on "bioeconomy-relevant" policy initiatives at national level. In order to do so close cooperation between the Bioeconomy Observatory and the CELAC countries will be essential. This cooperation will be built as a result of networking approach and will be included under the "country Section" of the observatory.

Methodology

In short collection of qualitative policy information relevant for the bioeconomy will take place in two ways:

- interaction with policy-makers
- website monitoring

Interaction with policy-makers

The first way consists of interacting with policy-makers belonging to the CELAC Institutions and countries. The aim of these interactions will be to map the various policy initiatives being developed in various "bioeconomy-related policy areas".

Website monitoring

The second way to collect qualitative policy information relevant for the bioeconomy will consist in website monitoring based on a combination of relevant key words and relevant key sources of information. Key words selected will obviously be related to bioeconomy and sources of information will include in particular websites from authorities involved in bioeconomy policy at CELAC, EU and National level (CEPAL, Commission DGs, national Ministries of Agriculture and of Research for instance).

- Mapping of selected regional policy initiatives relevant for the development of the bioeconomy.
- Mapping of selected international (especially EU) policy initiatives relevant for the development of the bioeconomy.

The results of the data collection will be a library/database of "CELAC & International bioeconomy-policies" available on-line

Suggested collaborators⁶: CEPAL, CARICOM

Research and Innovation Pillar

The Observatory will collect on a regular basis both quantitative data and qualitative information, primarily at CELAC level, of the most relevant and usual Science, Technology and Innovation (STI) indicators related to the following areas:

- R&D investment (public and private sector)
- R&D Personnel and Human Resources Skills
- Patents
- Research and Innovation programmes

Information concerning Basic research, Applied research, Experimental development, Demonstration and Innovation projects will be collected.

Objectives: under the "research pillar" an overall statistical picture of bioeconomy Research, Innovation and Skills in CELAC will be sought, using the most relevant indicators for Science, Technology and Innovation.

Outcomes: The work will be structured around two main outputs via on-line visualisation tools:

- Dissemination of quantitative data on-line: publication of key facts and figures on Research and Innovation on bioeconomy
- Dissemination of qualitative information on-line: mapping of various programmes on Research and Innovation on bioeconomy (listing and exploitation of available qualitative information)

The methodology chosen for collecting data on bioeconomy research will be flexible enough to address a wide range of sectors.

Suggested collaborators⁷: RICYT

Market Pillar

The Bioeconomy Observatory activities related to "market development and enhanced competitiveness" will address the description, quantification and analysis of the development of sectors in the bioeconomy from a socio-economic point of view.

The research and analytical work in the market pillar will be divided into two parts. The first is related to data management and modeling tools based on existing databases and the second one is related to collection of "missing" information. A possible activity will consist on an online consultation through a bio-based industries survey. In this sense, the survey will aim to collect data on the current status and expected evolution of the bio-based industry within the LAC region, by contributing in the monitoring and analysing developments in the bio-based industry in LAC, specifically addressing gaps in the existing data resources.

⁶ Others collaboration are being explored

⁷ Others collaboration are being explored

A possible section structure should⁸:

- Addresses problems faced by these industries.
- Addresses the LAC added value on research and innovation for the bio-based industries.
- Asks for input with regard to the objectives that LAC actions should address.
- Asks for input with regard to different modes of implementation of the research and innovation activities under Horizon 2020, including different types of public private partnerships.
- For providing additional open comments.

Suggested collaborators⁹: CEPAL, IICA, Buenos Aires Grain Exchange, Consumers International, CIAT, FAO, country level commodity associations for the bioeconomy related fields.

2) Capacity Development & Raise Awareness

The observatory also aims to inform and raise awareness young people, professionals, policy makers, civil society and other stakeholders attracted to the knowledge of bioeconomy related topics.

Raising awareness about the bioeconomy potential for the region and capacity development is central for the development of the bioeconomy in the region. Four target groups are identified: politicians and policy makers, the scientific and academic community, the private sector, and consumers (including NGOs).

The main hurdles to overcome by the Awareness Raising Initiative included at the CELAC Observatory include: (a) politicians and policymakers: overcome the lack of a bioeconomy policy perspective and the lack of institutional recognition of the bioeconomy as a model for sustainable and inclusive sustainable development; (b) scientific and academic community: overcoming the lack of scientific capacities and technical resources; (c) private sector: providing evidence of the market opportunities for profitable business development; and (d) consumers: playing a key role in the acceptance of bio-economy products.

The observatory seeks to raise awareness and capacity among the target groups by communicating relevant information and offering training modules for the development of strong bioeconomy clusters in countries of the region that are policy and scientifically supported, business driven, and socially accepted.

In this sense, the observatory is expected to provide information about:

⁸ The online consultation will follow the format of the Survey of the EU bio-based industry elaborated by the JRC.

⁹ Others collaboration are being explored

Raising 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

3) Country Section

The observatory aims also to activate the local and national Bioeconomy through research and innovation. Country profile fiches will be developed in order to cover all possible regional countries and to establish national sections as independent “observatories” with linkages to the CELAC one.

As a first approach the observatory will incorporate, through this section, the mapping of national policy initiatives relevant for the development of the bioeconomy. For instance, national information collected from the CELAC countries will be produced as a "national bioeconomy country fiche" describing the "bioeconomy profile" for each of CELAC countries.

In order to access and collect information on the mentioned national policy initiatives, cooperation between the Observatory and the CELAC Countries will be crucial. This cooperation will take place both through:

- Interaction with relevant CELAC Committees where the countries are represented and where bioeconomy is discussed

- Bilateral interaction with national countries authorities involved in bioeconomy policy.

This may result progressively in the establishment of a network of bioeconomy "National Contact Point" for the Bioeconomy Observatory, which would supply relevant information on bioeconomy policy developments at national level.

In addition to this interaction with CELAC countries, a second way of collecting qualitative data on national bioeconomy policy developments will be through website monitoring of the websites from relevant national ministries in each country (at a first stage, this national website monitoring will focus mainly on two Ministries: Ministry of Research and Ministry of Agriculture, these two Ministries being most of the time involved in bioeconomy policy decisions at national level).

Country profiles fiche

The Bioeconomy Observatory will produce a "**national bioeconomy country fiche**" (*see annex I*) for each of the CELAC countries. A template "bioeconomy country fiche" will be designed, aiming at collecting all qualitative bioeconomy policy data (and including in it some research data collected), including bioeconomy indicators relevant to the main sectors of interest, policy documents as strategies or official communications, and intuitive graphs.

All CELAC Senior Officials Meeting will be invited to complete the country profile during the EU-CELAC SOM in Brussels, March 2016¹⁰.

4) Funding opportunities

The observatory will provide information on funding sources. Different users can access funding opportunities in other regions of the world, which will be incorporated on the platform.

5) Events section

The section serves for promoting conferences, workshops, seminars, webinars, etc. in order to ensure the highest possible visibility.

As part of the event, images and documents can be uploaded. Additionally, abstracts can be uploaded as separate objects and linked to the event to allow sharing of posters and presentation materials.

6) News section

The News section will be developed to post news, announcements, media coverage and press releases from bioeconomy related issues.

¹⁰ See annex I for the complete template

7) Link of interest

List of interesting websites related to bioeconomy.

8) Successful cases

List of successful FP7 funded projects related to bioeconomy in which CELAC countries had been involved as partners.

9) Bioeconomy Research and Innovation Community (Intranet)

The Bioeconomy R&I Community is an internal platform section under the observatory for professional networking and sharing of information and knowledge in bioeconomy. The community will act as a driven network of active research and innovation groups within the domain of the bioeconomy; policy makers and other relevant stakeholders.

In this sense, this Community will continuously look for new partnerships within bioeconomy related topics of international significance.

The platform allows stakeholders to create their own profile to be able to communicate and collaborate with others countries stakeholders around the world more effectively. Following this, the Community will also strive to network and promote research consortia with close collaboration with research and industrial partners.

Become a member:

- People need to be registered to browse in order to upload of content, posting comments, recommending or rating.
- Simple sign-up procedure by filling one simple form. It is free.
- Each User will be required to protect his/her personal information with a unique password.

User profiles

Members will be asked to create and update their own profiles.

Information collects and stores:

- Personal information: The only personal information (such as information about education, contact details etc.) that the observatory collect and store is the one that the User chooses to enter. The User can edit or delete any personal information within his/her profile. Certain information (name, e-mail address) is compulsory for registration (sign up). Only reiterated members will have access to the bioeconomy intranet community. If a User wants to be removed from the database, the User can delete his/her profile.

Use of e-mail communication

The platform may send e-mails to Users in order to inform them of relevant news, such as updates, new features, activities etc.

Main useful collaborative tools

Internal news section

The platform will develop the News module to give every user the possibility to easily post news articles, highlights or commentaries.

Like other content, news articles and commentaries can be recommended, commented and shared in social media.

Web conferences

Web conferencing may be used as an umbrella term for various types of online collaborative services including web seminars ("webinars"), webcasts, and peer-level web meetings.

Web Conferencing is conducting live meetings, presentations, and training, via the Internet.

Video conferences

Video conferences will allow two or more locations to communicate by simultaneous two-way video and audio transmissions.

Web traffic of data

User will be able to send and receive high amount of data and files.

Streaming

Streaming will permit to follow conferences, events, meetings, workshops and training in real time. Streaming video is an Internet technology that allows nearly anyone the opportunity to broadcast video to a worldwide audience

Chat

This activity involves messages received in an online conversation. The network is expected to also serve as a communication channel for requests and inquiries.

Contact management information (Project Team)

- Ministry of Science, Technology and Productive Innovation (MINCYT) Argentina

Annex I

COUNTRY BIOECONOMY PROFILE

POLICY

Structure of the Bioeconomy Institutional system

| | |
|---|--|
| Responsible National Authorities / Agencies | <i>Name in the language of the country xxx</i> |
| | <i>Name in English xxx</i> |
| | <i>Website (www.) xxx</i> |

List of " bioeconomy-relevant" policy initiatives

| | |
|---|----------------------------------|
| National Bioeconomy Strategy (if applicable) | <i>Name xxx</i> |
| | <i>Description xxx</i> |
| | <i>Link to key documents xxx</i> |

BIOECONOMY RELATED POLICY INITIATIVES related to:

| |
|----------------------------------|
| <i>Name xxx</i> |
| <i>Description xxx</i> |
| <i>Link to key documents xxx</i> |

| |
|----------------------------------|
| <i>Name xxx</i> |
| <i>Description xxx</i> |
| <i>Link to key documents xxx</i> |

| |
|-----------------|
| <i>Name xxx</i> |
|-----------------|

| |
|----------------------------------|
| <i>Description xxx</i> |
| <i>Link to key documents xxx</i> |

| |
|----------------------------------|
| <i>Name xxx</i> |
| <i>Description xxx</i> |
| <i>Link to key documents xxx</i> |

RESEARCH

Bioeconomy R&D Investments (public and private sector)

1. PUBLIC R&D INVESTMENT in Bioeconomy

Info source:

| | |
|-----------------------------|---------------------------------|
| AREA XX (i.e Biorefineries) | <i>xx in (specify currency)</i> |
| AREA XX | <i>xx in (specify currency)</i> |
| AREA XX | <i>xx in (specify currency)</i> |

2. PRIVATE R&D INVESTMENT in Bioeconomy

Info source:

| | |
|-----------------------------|---------------------------------|
| AREA XX (i.e Biorefineries) | <i>xx in (specify currency)</i> |
| AREA XX | <i>xx in (specify currency)</i> |
| AREA XX | <i>xx in (specify currency)</i> |

3. Bioeconomy R&D Programmes

| Listing of National Bioeconomy Research Programmes |
|--|
| <i>Xxx</i> |
| <i>Xxx</i> |
| <i>Xxx</i> |

| |
|-----|
| Xxx |
| Xxx |

| Examples of National Bioeconomy Research Projects |
|---|
| Xxx |

MARKETS

References to existing Market Studies/Forecasts about Bioeconomy in Country X incl. if available key quantitative data about "size" of national bioeconomy (jobs, turn-over)

Name, description, link to key documents

| Enterprises number | Employment number | Turnover (specify currency) | Value added (specify currency) |
|--------------------|-------------------|-----------------------------|--------------------------------|
| xx | xx | xx | xx |

GENERAL INFORMATION

(Key Facts & Figures regarding Country X)

| | |
|--|-----|
| DEMOGRAPHY/ POPULATION | xxx |
| ECONOMY/ GDP | Xxx |
| ECONOMY STRUCTURE (e.g. Agriculture weight in the economy) | Xxx |
| SOCIAL/ EMPLOYMENT/ UNEMPLOYMENT | Xxx |