

Documents, methodologies, courses and other materials produced: 2018- 2022

BIOECONOMY AND PRODUCTION
DEVELOPMENT PROGRAM



DOCUMENTS, ARTICLES AND TECHNICAL-POLITICAL REPORTS

Title	Year	Category	Access
Towards progressive regulatory approaches for agricultural applications of animal biotechnology	2022	Article	Link (English)
The role of liquid biofuels in the energy transition	2021	Article	Link (Spanish)
Potential of the bioeconomy for transforming food systems in the Americas	2021	Technical - political document	Link (Spanish/English/Portugués)
Science and Innovations for Food Systems Transformation and Summit Actions	2021	UNFSS book article	Link (English)
Liquid biofuels: institutional framework and public policy formulation	2021	Article in book	Link (Spanish)
Bioeconomy: challenges and opportunities for its use in LAC	2021	Training manual	Link (Spanish)
Atlas of liquid biofuels 2020-2021	2021	Technical document	Link (Spanish)
Guide for the identification and analysis of the business possibilities of the Bioeconomy	2021	Technical document and methodological guide	Link (Spanish)
ABC of policies for the development and strengthening of the bioeconomy	2021	Technical document and methodological guide	Link (Spanish)
Making the bioeconomy visible. Methodological guide for satellite account estimation of the Bioeconomy in Latin America and the Caribbean: the case of Uruguay	2021	Technical document and methodological guide	Link (Spanish)
The Bioeconomy and Food Systems Transformation	2021	Political paper	Link (English)
New productive sectors in the Argentine economy. Economic and social impacts	2021	Article in book	Link (Spanish)
Bioeconomy a development strategy for Argentina in the XXI century	2021	Technical - political document	Link (Spanish)
Policies and Business for the Bioeconomy in LAC: A Process underway	2021	Article in international journal	Link (Spanish/ English)
Diversification and innovation of products of coffee at the Los Catadores farm	2021	Case study	Link (Spanish)
Parasitoid breeding for integrated management of the coffee berry borer	2021	Case study	Link (Spanish)

Title	Year	Category	Access
The Future of Modern Agriculture: Combining Sustainable Practices with New Technologies	2020	Article in book	Link (English)
Pricing and bioenergy systems	2020	Technical document	Link (Spanish)
Atlas of liquid biofuels 2019-2020	2020	Technical document	Link (Spanish)
Bioeconomy technologies to valorize residues and wastes: business opportunities for family farming	2020	Technical document	Link (Spanish)
How do we create the requisite institutional framework and public policies to develop the bioeconomy in LAC?	2020	Policy note presented at IABA 2019	Link (Spanish/English)
Bioeconomy in the coffee value chain: an opportunity to be seized	2020	Policy note presented at IABA 2019	Link (Spanish/English)
Liquid biofuels in the Americas: current situation and development potential	2020	Technical document	Link (Spanish/English)
Bioeconomy: A Sustainable Development Strategy. Policy Brief for T20	2020	Policy brief submitted to G20	Link (English)
Energy and the linkages with agriculture: biofuels	2020	Technical document	Link (Spanish)
Perspectives on Agriculture and Rural Development in the Americas: A Look at Latin America and the Caribbean 2019-2020	2019	Technical-policy paper presented at IABA 2019	Link (Spanish/English)
The bioeconomy: a catalyst for the sustainable development of agriculture and rural territories in LAC Special chapter The Outlook for Agriculture and Rural Development in the Americas: A Perspective on Latin America and the Caribbean 2019-2020	2019	Technical paper presented at IABA 2019	Link (Spanish) Link (English)
Bioeconomy and production development program	2019	IICA Institutional Document	Link (Spanish/English)
Sustainable biokerosene production chain linked to rural territories in Latin America and the Caribbean	2017	Technical document	Link (Spanish)
Methodological guide for the implementation of the RSB (Roundtable on Sustainable Biomaterials) sustainability criteria for small and medium-sized rural producers	2017	Technical document	Link (Spanish/Portuguese)

CATALOGS AND VIRTUAL PLATFORMS

Title	Year	Description	Access
Dynamic catalogue of technologies for the bioeconomy	2020	Catalogue of disruptive technologies for the use of the bioeconomy in agricultural chains and rural territories	Link (Spanish)
Bio Emprender: Platform to support bioeconomic-based entrepreneurship	2021	Virtual platform with resources for awareness raising, capacity building and tools for the construction of bioeconomy business plans.	Link (Spanish)
Virtual platform of the 24th Annual Conference on Applied Bioeconomy (ICABR)	2020	Virtual platform with all the resources of the event: conferences, resource library and virtual stands	Link (Spanish)



VIRTUAL COURSES

Title	Modality	Description	Access
Policies for the promotion of the bioeconomy	MOOC	A 40-hour course that proposes a work agenda aimed at establishing, designing, and implementing a comprehensive strategy to promote the development of the bioeconomy as a new production paradigm in LAC countries.	Offered On-demand
Assessment of the potential of the bioeconomy in agricultural chains and rural territories	MOOC	The course begins by examining the concept of bioeconomy and its pathways, and then presents various tools and methodologies for analyzing the bioeconomic potential of territories and agricultural chains (evolution of territorial conditions, existing biomass, available technologies, market demand, etc.). It concludes with a user's guide to the methodology developed by IICA to identify the potential (or lack thereof) for developing bio-businesses.	Offered On-demand
The bioeconomy as a business opportunity for entrepreneurs	MOOC	This course addresses the key aspects of the bio entrepreneurship process for success and commercial implementation. It lasts 40 hours and covers topics such as: a) Business opportunities based on the bioeconomy; b) Generation and modeling of entrepreneurship ideas; c) Marketing and commercialization of bio enterprises; (d) Financial analysis of bio-enterprises; e) Control of bio entrepreneurship management.	Offered On-demand
Analysis of international markets for the bioeconomy	MOOC	30-hour course that analyzes trends and opportunities in national and international bioeconomy markets, as well as the key aspects that most affect them (both positively and negatively).	Offered On-demand
Bio-recovery of agricultural residues	MOOC	This 40-hour course provides knowledge, methodology and tools for students to generate new bioeconomy businesses from the use or valorization of waste and residues from the agro-industrial sector. In addition to analyzing the conditioning factors and enablers for waste valorization, the course presents the route to bio-valorization and the technologies available for its use.	Offered On-demand

Title	Modality	Description	Access
Bioeconomy: challenges and opportunities for its use in LAC	MOOC	Course of 60 hours that promotes among a wide audience the concept of bioeconomy as a vision of productive development, its origins, driving axes and its potential for economic, environmental and social development.	Link (Spanish)
Sustainable energy management in agricultural chains	MOOC	20-hour course aimed at strengthening capacities and competencies in the sustainable and efficient use of energy sources, which contribute to the increase of productivity and competitiveness levels in agricultural food chains.	Link (Spanish)
Liquid biofuels in LAC	MOOC	This course analyzes the situation and prospects of liquid biofuels in LAC, emphasizing their potential for energy diversification, value addition at source, contribution to employment, production and income, and contributions to environmental sustainability.	Link (Spanish)
Workshop on generation, modeling and elaboration of bio business plans	Mini – Moocs	Its objective is to improve the capacities of entrepreneurs and institutional technicians (linked to productive projects) for the generation, modeling and formulation of business plans based on the use of the bioeconomy. It is developed in 12 modules of 44 class hours between virtual sessions and group work.	In project stage. Launch in November 2022
Development of bio-businesses in the coffee chain	MOOC	This course aims to strengthen the capacities of actors in the coffee chain in Central America and the Dominican Republic to generate new bioeconomy businesses based on the valorization of residual biomass.	In project stage. Launch in November 2022
Course on bio-business plans	MOOC	The objective of this course is to strengthen the capacity of technicians from public institutions for agriculture in the Caribbean countries to prepare business plans for the development and marketing of bioeconomy products derived from agricultural residues.	In project stage. Launch in November 2022
Liquid biofuels in the energy and climate transition: institutionality and policy formulation.		This course aims to address the role of biofuels in a climate-sustainable energy transition, while studying institutional and public policy building approaches.	In project stage. Launch in November 2022

BLOGS AND PRESS

Title	Año	Category	Acceso
Regional initiatives in the western hemisphere as a contribution to the safe biotechnology development	2022	Opinion Article	Link
Experts highlight the role of agriculture in the decarbonization of transport through biofuels	2022	Press release	Link
Mediation of the bioeconomy in Uruguay importance of the satellite account	2022	Press release	Link
IICA rewards innovative coffee companies and cooperatives in Central America	2021	Press release	Link
IICA highlights bioeconomy, science and sustainability agenda in Argentina	2021	Press release	Link
IICA announces a competition for coffee producers and highlights the regional program	2021	Press release	Link
Latin America seeks to strengthen the role of the bioeconomy	2021	Press release	Link
Virtual platform launched to promote rural bio-ventures	2021	Press release	Link
Bioeconomy: they propose an American “Green Deal”	2021	Press release	Link
They present the Atlas of Liquid Biofuels	2021	Press release	Link
Latin America and the Caribbean: from the lost decade to the decade of hope	2021	Press release	Link
Latin America has a very strong competitive advantage: we are synonymous with biological resources.	2021	Press interview	Link
The bioeconomy and the transformation of agrifood systems in Latin America and the Caribbean: Part Two	2021	Blog Post	Link
U.S. grain and soybean unions and IICA trained technicians from Latin America and the Caribbean in biofuels to promote sustainable energy matrix in the region	2021	Press interview.	Link
Strengthening Policies, Research, Innovation Ecosystems and Markets Key to Enhancing the Role of the Bioeconomy in Transforming Latin American and Caribbean Food Systems	2021	Press release	Link

Title	Año	Category	Acceso
Biofuels in Argentina: the art of establishing new markets. Economic Alchemies.	2021	Blog article	Link
The contribution of agriculture towards a clean transition in the transport sector	2021	Blog post	Link
Situation of biofuels in America and the world	2021	Press interview	Link
The Bioeconomy and the Transformation of Food Systems in Latin America and the Caribbean: Part One	2021	Blog Post	Link
Is the consumption of locally produced food viable or sustainable?	2020	Blog Post	Link
Bioeconomy? You got it!	2021	Press interview	Link
After "Perfect Storm", Bioenergy offers solutions for post-pandemic recovery.	2020	Press release	Link
Based on experiences in Colombia and Argentina, experts highlight potential of the Biofuels Industry in the Americas	2020	Press release	Link
Impacts of COVID-19 on the biofuels industry	2020	Blog post.	Link
IICA and the Mexican processing industry association will promote bioeconomy projects for rural development.	2020	Press release	Link
IICA provides training on biofuels in Latin America and the Caribbean.	2021	Press release	Link
Biofuels as a clean transition paradigm in the year the Earth came to a halt	2020	Yearbook specialized magazine	Link
Biofuels, energy, and their linkages with agriculture	2020	Blog post	Link

Title	Año	Category	Acceso
We spoke with Agustin Torroba, head of biofuels at IICA.	2019	Press interview	Link
Challenges and opportunities of the bioeconomy in the face of COVID-19.	2020	Blog Post	Link
With Colombia and Argentina as a base, experts highlight potential of biodiesel in Latin America and the Caribbean	2020	Press release	Link
Biofuels and a New Disjunctive	2020	Press release	Link
COVID-19 and agri-food systems: a view from climate change, innovation and the bioeconomy	2020	Blog Post	Link (Spanish) Link (English)
The potential of the bioeconomy for Latin America and the Caribbean	2020	Press interview.	Link (Spanish)

MULTIMEDIA MATERIAL (VIDEOS)

Title	Year	Category	Access
Latam Mobility Day - Clean Fuels	2022	Webinar recording	Link
VIII virtual session for COP-MOP Preparation 2021	2021	Webinar recording	Link
XIII Forum and VI International Congress on Territorial Management for Development: Liquid Biofuels: Towards a Clean Transition	2021	Webinar recording	Link
1st International Biofuels Symposium: Perspectives and Challenges of Research for biofuel production	2021	Webinar recording	Link
I International Congress Plan Futuro (2020) organized by the College of Engineers of Peru, with the collaboration of IICA and other entities	2020	Webinar recording	Link
Technical Forum: Sustainable Aviation Fuels (SAF) Industry in Latin America and the Caribbean facing post-Covid19 opportunities in Alternatives and technological pathways to supply feedstocks.	2020	Webinar recording	Link
IV Workshop of the Seminar "Bioeconomy as a development alternative for San Luis".	2020	Webinar recording	Link
International Webinar: Retrospective of Development Cooperation in Paraguay from the perspective of Higher Education: The potential of the bioeconomy for post Covid-19 recovery and sustainable development.	2020	Webinar recording	Link
Seminar: Impact of biodiesel production on value chains: Soybean and palm	2020	Webinar recording	Link
Seminar "Impacts of COVID-19 on the biofuels industry"	2020	Webinar recording	Link

Title	Year	Category	Access
Bioeconomy: Sustainable production for the 2030 Agenda	2020	Webinar recording	Link
Bioeconomy: Promoting the sustainable development of agriculture and rural territories in Latin America and the Caribbean	2020	Institutional video	Link (Spanish with English subtitles)
The bioeconomy an overview by David Zilberman	2020	Webinar recording	Link (English with Spanish subtitles)
Impacts of COVID-19 on the biofuels industry. Associated effects on agriculture	2020	Webinar recording	Link (Spanish)
The Bioeconomy is a new form of production	2019	Video interview.	Link
The potential of the bioeconomy for productive development in Latin America and the Caribbean.	2019	Video interview	Link (1/3) Link (2/3) Link (3/3)



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HUGO CHAVARRÍA MIRANDA
MANAGER

VAZQUEZ DE CORONADO, SAN ISIDRO 11101, COSTA RICA
TEL.: (+506) 2216-0222 / FAX: (+506) 2216-0233
E-MAIL: hugo.chavarria@iica.int
WEBSITE: <https://www.iica.int/en/bioeconomy>