



The Colombian Roundtable for Sustainable Beef and Dairy: 2020 activities

Alliance



RESEARCH PROGRAM ON Livestock



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The Colombian Roundtable for Sustainable Beef and Dairy: 2020 activities

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Deliverable: D17395 – Report on CIAT's involvement in the Colombian Roundtable for Sustainable Cattle Production and the support for the National Level Policy Development

Summary:

Despite the restrictions resulting from the COVID-19 pandemic, CIAT extended its strong involvement in the Colombian Roundtable for Sustainable Cattle Production (Mesa de Ganadería Sostenible, MGS) during 2020 – although in a different, virtual format. Apart from joining the regular meetings, CIAT co-organized a virtual 5-month seminar series on sustainable cattle production, which attracted several thousand participants from all over the globe. A national level policy for sustainable cattle production in Colombia was submitted to the Colombian Ministry of Agriculture for evaluation and, as a result of the pandemic, is still under review. We are confident that the policy will be released during 2021. In addition to the involvement in the Colombian Roundtable for Sustainable Cattle Production, CIAT became one of the leading institutions for the Colombian zero-deforestation agreements, in particular for the dairy and beef value chains.

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The Colombian Roundtable for Sustainable Beef and Dairy: 2020 activities

This report provides a brief overview on the 2020 achievements made with the Colombian Roundtable for Sustainable Beef and Dairy (Mesa de Ganadería Sostenible Colombia, MGS).

Part A: Regular activities

CIAT continued its strong involvement in the Colombian Roundtable for Sustainable Cattle Production (Mesa de Ganadería Sostenible, MGS) during 2020. Through our scientific staff, we participated in all 6 regular roundtable meetings in 2020 (virtually) and in several extraordinary meetings and workshops either face-to-face or virtually.

As a result of the pandemic, the roundtable's activities changed drastically and had to adjust to a new, virtual setup. This led to the idea of organizing a virtual seminar series on sustainable cattle production for public and private sector actors, research, NGOs and livestock producers.

We further enhanced the participation of the MGS in the Global Roundtable for Sustainable Beef ([GRSB](#)), in which the MGS is a member and since 2020 part of the Roundtable Constituency. A MGS representative participated in the virtual 2020 GRSB meetings with several update presentations on the advances made so far in Colombia.

Members of the MGS: At the end of 2020, the MGS had more than 60 members, representing institutions at national and international level from both the private and the public sector. These members include: ClimateFocus, Región Central, CATIE, Asociación de Fundaciones Petroleras, World Bank, Asodoble, Aproveet, Asocarnicas, CIAT, CIPAV, Consejo Nacional Lácteo, Consejo Nacional de la cadena Cárnica Bovina, Corpogansa, Corpoica/AGROSAVIA, Dow Agrosiences, Estrategia Colombiana de Desarrollo Bajo en Carbono (ECDBC), Elanco, FEDEGAN, FINAGRO, Fondo Acción, Fondo Nacional del Ganado, GIZ, IICA, Instituto Humboldt, MinAgricultura (Agricultural Ministry), MinAmbiente (Ministry of the Environment), NES Naturaleza, SENA, Universidad La Salle, Universidad Nacional de Colombia, UPRA, WWF, Cuenta Nacional de Carne y Leche (CNCL), GGGI, ICA, MINTIC (Ministry of Communication and Technology), Eco-Social, ANALAC, Asocriollo, National Wildlife Federation, NFG, The Nature Conservancy (TNC), Minerva Foods, Grupo Éxito, Angus Azul, and others. The participation of private sector actors was increased in 2020.

Part B: The virtual seminar series on Sustainable Beef and Dairy (Conversatorios sobre Ganadería Sostenible)

As a mitigation measure to face the current emergency and to keep the discussions in the country active, the MGS has established a virtual seminar series (from May to August 2020)

on the transition of the bovine livestock sector towards sustainability (“Conversatorios sobre Ganadería Sostenible”), focusing on elements like climate change, biodiversity, sustainable markets/consumption and rural extension. The program and the structure can be found [here](#).

The seminar series included a total of 18 weekly seminars (two introduction and 16 technical seminars) with 2-3 presentations each. The technical seminars were organized in four modules (a) greenhouse gases; b) biodiversity, landscapes and ecosystem services; c) markets and consumers; d) rural extension), with 4 individual seminars each. CIAT coordinated the module on markets and consumers and contributed to the other modules with technical presentations.

Module 1: Greenhouse gases

This thematic block was intended to illustrate in an understandable way what are greenhouse gases (GHG) emissions from the cattle sector, technical instruments for measurement and technological alternatives for mitigation and adaptation to climate change. This in order to demonstrate that the livestock sector can become one of the strategic sectors for mitigation, as long as it is correctly managed starting with primary production and including a value chain approach which is based on sustainability.

Presentations and webinar recordings can be found here: biopasos.com/Modulo1.php

Topics (in Spanish):

- **Conceptualización de GEI a nivel de los sistemas de producción ganaderos bovinos**
Speaker: Luis Alfonso Giraldo - Universidad Nacional Sede Medellín
- **Aporte de GEI en países de América Latina**
Speaker: Carlos Felipe Torres - Clima Soluciones
- **Metodologías para la cuantificación de GEI en la ganadería bovina**
Speaker: Luis Alfonso Giraldo - Universidad Nacional Sede Medellín
- **Cuantificación de emisiones de gas metano entérico en ganado bovino de carne y leche**
Speaker: Olga Mayorga - Agrosavia
- **Investigación en forrajes tropicales para mitigar las emisiones de GEI y combatir el cambio climático**
Speaker: Jacobo Arango - Alianza Bioversity-CIAT
- **Mitigación de GEI con base en sistemas silvopastoriles**
Speaker: Julián Chará - Cipav
- **Balance de GEI en sistemas de producción ganaderos bovinos**
Speaker: Luis Alfonso Giraldo - Universidad Nacional Sede Medellín

- **Incorporación del sector ganadero en la actualización de la Contribución Nacionalmente Determinada (NDC) – Mitigación**

Speaker: Blanca Medina and Freddy Gómez - MinAmbiente / ECDBC

Module 2: Biodiversity, landscapes and ecosystem services

The current crisis generated by COVID-19 has motivated a series of reflections on all aspects of humanity, particularly biodiversity and the immeasurable value of its protection through the change of economic and social structures that have caused a detriment to nature. Therefore, the progressive and continuous deterioration of natural capital, as a result of anthropic activities, has increased human exposure to pathogens of wild origin with incidences on health, well-being and socio-economic development. The biodiversity module was based on the principle of harmonization of livestock activities with natural capital, starting with the conceptualization of conservation of biodiversity and ecosystem services, based on sustainability, recognizing problems such as deforestation, the compatibility of livestock activity in higher altitudes and lower tropical ecosystems, and the incorporation of biodiversity in sustainable livestock projects with benefits and positive impacts recognized nationally and internationally.

Presentations and webinar recordings can be found here: biopasos.com/Modulo2.php

Topics (in Spanish):

- **La biodiversidad en el marco de la sostenibilidad de los paisajes ganaderos**
Speaker: Paola Isaacs - Instituto Alexander von Humboldt
- **Conservación de biodiversidad y servicios ecosistémicos en la ganadería sostenible**
Speaker: Bryan Finegan – CATIE
- **Efecto de especies mixtas en productividad y servicios ecosistémicos**
Speaker: Juan Andrés Cardoso - Alianza Bioversity-CIAT
- **La cero deforestación y la sostenibilidad en la ganadería**
Speaker: Javier Darío Ortiz - Tropical Forest Alliance
- **Ganadería en ecosistemas estratégicos: Modelo de transición en la cuenca alta del río Chinchiná**
Speaker: América Astrid Melo - The Nature Conservancy
- **Ganadería y conservación en la sabana inundable de la Orinoquía colombiana**
Speaker: Lourdes Peñuela - Fundación Horizonte Verde
- **Soluciones basadas en naturaleza**
Speaker: Guillermo Prieto - Ministerio de Ambiente y Desarrollo Sostenible

- **Aproximación de biodiversidad y productividad ganadera bovina en Colombia: Estudio de caso**
Speaker: Manuel Gómez Vivas – Fedegán
- **Biodiversidad y paisajes ganaderos agrosilvopastoriles**
Speaker: Alejandra Martínez - CATIE

Module 3: Markets and consumers

The perceptions and behaviors of consumers towards livestock and its derivatives can result in both threats and opportunities for markets and value chains focused on beef and dairy. This module provided inputs necessary for taking advantage of future opportunities: clarifying concepts, showing scientific studies with consumers and markets, sharing experiences of actors of the industry, and above all the importance of efficient communication between different value chain actors and with the final consumer.

Presentations and webinar recordings can be found here: biopasos.com/Modulo3.php

Topics (in Spanish):

- **El enfoque de cadenas de valor sostenibles como estrategia para aumentar la competitividad del sector ganadero en Colombia**
Speaker: Adriana Escobedo - CATIE
- **Hacia la sostenibilidad en la ganadería colombiana a través de trabajos en cadenas de valor**
Speaker: Karen Enciso - Alianza Bioersity-CIAT
- **Herramientas de análisis de riesgo para la definición de oportunidades hacia cadenas de abastecimiento sostenibles**
Speaker: Camila Cammaert - WWF
- **Construcción de la confianza bajo el entorno del Compliance**
Speaker: Nelly Matallana Carvajal - Fundación EcoSocial
- **Certificaciones ambientales y de bienestar animal en carne bovina: ¿Estamos dispuestos a pagar más?**
Speaker: Andrés Charry - Alianza Bioersity-CIAT
- **Negocios inclusivos y asociatividad territorial en la ganadería colombiana**
Speaker: Marcos Rodríguez Fazzone – FAO
- **Protocolo de sostenibilidad social, ambiental y económica: Presente y futuro del mercado de carne de res en Colombia**
Speaker: Juan David Peláez - Angus Azul
- **Promoviendo mercados sostenibles y la mitigación del cambio climático**
Speaker: Jhon Freddy Gutiérrez - GANSO

- **El rol de las comunicaciones en la transformación de la ganadería**
Speaker: José Luis Urrea - Alianza Bioversity-CIAT
- **Sostenibilidad y el mercado de la carne - el caso de Minerva**
Speaker: Taciano Custódio - Minerva Foods
- **Sostenibilidad y el mercado de la leche - el caso de Alquería**
Speaker: Mauricio Ariza - Alquería
- **Experiencias de marca en mercados turbulentos**
Speaker: Lina María Echeverri - Universidad del Rosario

Module 4: Rural extension

COVID-19 represents an unprecedented global emergency and a serious social, economic and institutional threat. This reality places us in a new regional, national and global context, which translates for the rural sector into the need to reinvent itself starting with better articulated public institutions, that work hand in hand with the private sector, both committed to the search for solutions for mitigating of and adapting to the challenges imposed by the pandemic and other threats. Efforts aimed at achieving a vigorous and comprehensive response should focus on key sectors that contribute to food safety, nutrition and livelihoods. In that order of ideas, the livestock sector is key, especially for the most vulnerable rural populations in the world. A key requirement is the development of modernized agricultural extension services that incorporate the use of new technologies, the establishment and appropriation of methodologies, sound information management and monitoring in order to adapt faster to the needs of small, medium and large beef and dairy producers and to ensure the supply of goods and services required by markets and the end consumer.

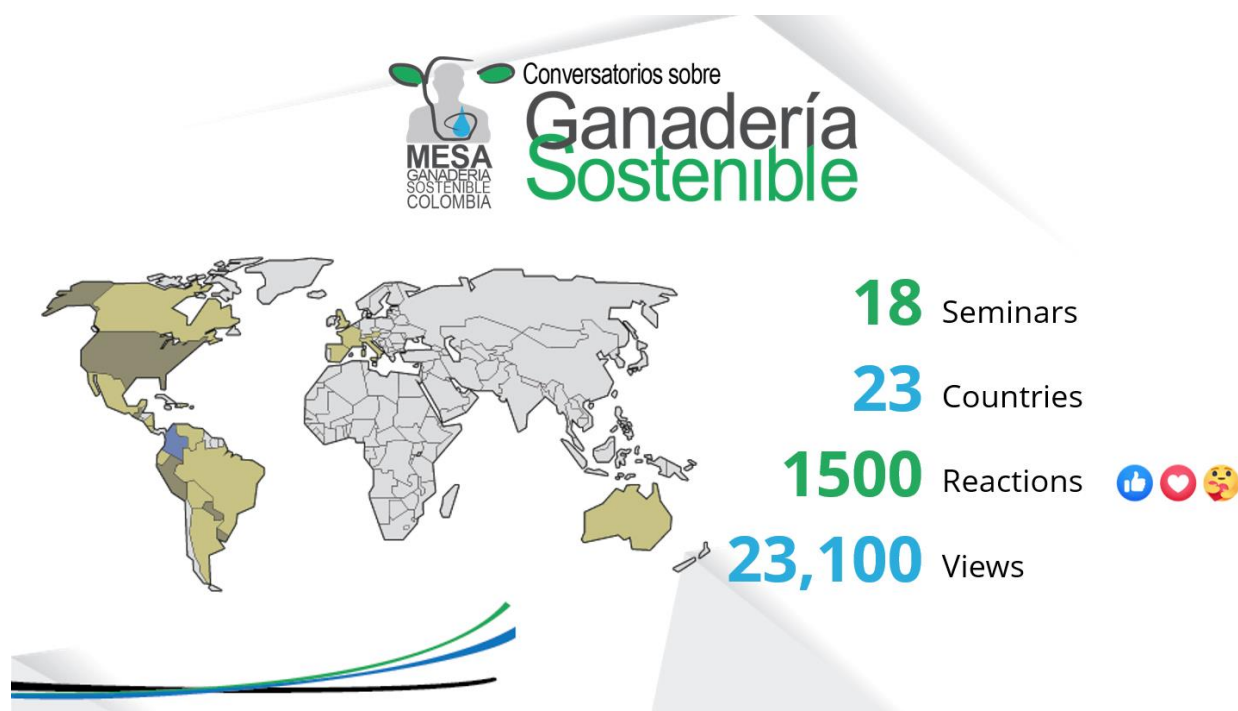
Presentations and webinar recordings can be found here: biopasos.com/Modulo4.php

Topics (in Spanish):

- **La Ley SNIA y su arquitectura institucional**
Speaker: Angelo Quintero - Ministerio de Agricultura y Desarrollo Rural
- **Caso exitoso de política de extensión rural – Países de la Región Andina**
Speaker: Andrés González - FAO
- **La extensión rural aliado estructural de la ganadería con desarrollo sostenible**
Speaker: Ólber Ayala - Fedegan / Fondo Nacional del Ganado
- **Casos exitosos de extensión rural en Colombia – Colanta**
Speaker: Juan Manuel Cerón - Colanta
- **Experiencias en investigación y extensión agropecuaria desde el enfoque de la Red de Ganadería Agrosavia**
Speaker: Byron Hernández - Agrosavia

- **Gestión del conocimiento y conformación de redes hacia una extensión agropecuaria sostenible**
Speaker: Óscar Ospina - Uniagraria/TaurusWebs
- **Las TIC en la agricultura: herramientas de vanguardia para un acceso más amplio al conocimiento**
Speakers: José Luis Urrea and Mauricio Sotelo- Alianza Bioversity-CIAT
- **El papel del sector ganadero en el logro de los Objetivos de Desarrollo Sostenible**
Speaker: Ana Carrizosa - FAO
- **La ganadería como pilar de la seguridad alimentaria y nutricional**
Ponente: Nelson Guerrero - Alpina

Statistics of the seminar series



Part C: Advances made regarding the public policy for sustainable cattle production

The [technical baselines](#) for the formulation of a national level policy for sustainable cattle production in Colombia and draft ideas for the policy were submitted to the Colombian Ministry of Agriculture for evaluation and the idea was the publication of a public policy in 2020. However, as a result of the pandemic and related reallocation of public funds and staff time, the policy was still under review by the end of 2020. We are confident that the policy will be released during 2021.

Part D: CIAT's involvement in other roundtables and policy efforts

CIAT's involvement in the zero-deforestation value chains for beef and dairy in Colombia increased in 2020, despite some pandemic-related irregularities regarding meetings and activities. CIAT is still leading the zero-deforestation value chain on milk and technically contributing to the one on beef.

Alianza



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