



## RESULTS WORKSHOP 1 VALLE DEL CAUCA

Results RUSTICA external stakeholder workshop 1 - Valle del Cauca

### SHORT SUMMARY FOR PRACTITIONERS

EN version

In 2021, the first RUSTICA multi-stakeholder workshop for the Valle del Cauca region took place. 18 People involved in different parts of the bio-based fertiliser (BBF) value chain attended. The goals of the workshop were to provide a space for the exchange of ideas and knowledge, to learn about waste recovery initiatives for generating organic fertilisers in the region, and to map the most feasible/promising value chains and technologies in order to build together a future scenario for the Valle Cauca.

Outcomes of the workshop entailed: the definition of a common goal for RUSTICA project in the region, validation of the regional market analysis presented on the fact sheet as well as the regional stakeholder network, and the identification of most important external and internal factors, obstacles, opportunities, and threats, that, may have an impact on bio-based fertilisers. For future workshops, stakeholders suggested to present more information about the project methodology, future activities, designate activities to participants that allow them to have an active role in the project and to involve more actors.

### SHORT SUMMARY FOR PRACTITIONERS

NATIVE version

En 2021 se realizó el primer taller de RUSTICA para la región del Valle del Cauca. Asistieron 20 personas involucradas en diferentes partes de la cadena de valor de los fertilizantes de base biológica (BBF). Los objetivos del taller fueron proporcionar un espacio para el intercambio de ideas y conocimientos, conocer las iniciativas de recuperación de residuos para la generación de fertilizantes orgánicos en la región, y mapear las cadenas de valor y tecnologías más factibles / prometedoras con el fin de construir juntos un escenario futuro para el Valle Cauca.

Los resultados del taller incluyeron: la definición de un objetivo común para el proyecto RUSTICA en la región, la validación del análisis del mercado regional presentado en la hoja de datos, así como la validación de la red de actores regionales; la identificación de los factores externos e internos más importantes, los obstáculos, las oportunidades y las amenazas, que, pueden tener un impacto en los fertilizantes de base biológica. Para futuros talleres, los participantes sugirieron: presentar más información sobre la metodología del proyecto y las actividades futuras, designar actividades a los participantes que les permitan tener un papel activo en el proyecto e involucrar a más actores.



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### CONTEXT

On the 5th of November 2021, the Alliance Bioversity-CIAT organised the first RUSTICA external multi-stakeholder workshop for the Valle del Cauca region. There were about 18 attendees involved in different parts of the bio-based fertiliser (BBF) value chain including farmers association, fertiliser companies, technology providers, policymakers, academia and research organisations.

### PROBLEM

The Valle del Cauca bio-based fertiliser value chain presents external and internal factors, that, influence its production and diffusion. There is a need to better understand these features to find solutions for the progressive development of BBF in the region.

### SOLUTION

Regional RUSTICA stakeholder workshops connect stakeholders and project partners related to different parts in the bio-based fertiliser value chain. This setting was used to identify the most important factors, obstacles, opportunities, and threats, that, with reference to the region, may have an impact on bio-based fertilisers, which actors should be involved for the development of these factors, how to overcome obstacles, how to take advantage of the opportunities and prevent threats.

### OUTCOME

1. Detailed overview of regional stakeholders in Valle del Cauca region, as well as new actors to involve.
2. List of long term and short term goals to be pursued by the RUSTICA network. In the short term: Define solubility and availability of final products, identify industry by-products for use in agriculture, available technologies match to regional residues and identify local raw materials and available organic wastes. In the long term: to analyse biofertiliser production strategies, to replace fertiliser ingredients in agriculture, to find the best blends (organic: mineral), that maximise productivity and to implement public policies that promote circularity
3. In-depth reflection of stakeholders on the Valle del Cauca market context for future BBF development.
4. Social, political, technological, economic and environmental factors related to BBF development and use were scored on relevance and interlinked.
5. A list of ideas to overcome obstacles, and to take advantage of opportunities to prevent threats

### PRACTICAL RECOMMENDATIONS

- It is crucial to create and promote technological solutions to produce organic fertilisers at local/regional level plus incentives for their implementation in different contexts.
- Need to foster a culture of recycling through education and institutional training
- Three main factors for the future of BBF were identified: 1) Raw materials (residues) are readily available ; 2) An increasing number of producer organisations that promote the use of bio-based fertilisers; 3) an increasing awareness and interest in organic production
- During future workshops, stakeholders suggested to provide more details on technological methods in RUSTICA and market data.