



Connective Cities virtual expert mission for the Municipality of Santa Rosa in Risaralda, Colombia

Adaptation of existing and new dwellings to the increase in temperature and precipitation projected for Risaralda

Follow-up activity to the dialogue event (Nov 2019 in Niterói) and the virtual planning workshop (Jun 2020) on climate-proof and resilient urban development for Latin America.

Participating Institution /City: Technical University of Pereira (UTP) – Research Group for Territorial Environmental Management (GAT) /Santa Rosa Municipality, Risaralda, Colombia.

German Experts: Mr. Amando Reber, Office for Urban Planning and Housing, State Capital Stuttgart, Germany/Mrs. Carolin Lahode, Mrs. Sarah Sutter, Hochschule für Technik Stuttgart – HFT, Germany.

Overview of the project idea

The municipality of Santa Rosa is located in the department of Risaralda in central Colombia and has 73,028 inhabitants. In Risaralda, climate change is projected to raise temperatures by 2°C and precipitation by 30-40% by 2100 compared to reference scenarios.

The overall objective of the project is to promote the eco-efficient and climate-resilient construction and adaptation of housing, as well as to achieve acceptance of the project among beneficiaries at the community level. In this context, 100 dwellings are to be built or adapted to mitigate the effects of expected climate change in Santa Rosa.

The Housing Promoter of Risaralda (EDUR), responsible for the construction of social housing in the department, supports the project. Furthermore, the Risaralda Regional Development Plan (2020-2023) includes a budget to meet the department's social housing needs and to build one eco-efficient house (as a model project). Finally, UTP-GAT has done research on the use of surplus resources (rainwater) and has identified initiatives for construction with non-conventional, local materials.

Objectives of the virtual expert mission

1. Further refinement of the project idea, in particular with regards to its technical and financial components and focusing on low-budget solutions

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Commissioned by



Federal Ministry
for Economic Cooperation
and Development

- Planning the activities / methods needed to implement the project (including rainwater harvesting systems)
 - Advisory on budget planning (focus on low-budget solutions)
 - Technical and financial advisory of the project
 - Identifying relevant stakeholders and synergies with other programs /initiatives at the municipal /departmental level
2. Strategy development to promote the willingness of potential beneficiaries to live in an eco-efficient building adapted to the new climatic conditions of the site
- Identification of target group: beneficiaries/ dwellings intended either for new construction or for reconstruction
 - Advisory on potential citizen participation models

Schedule of the expert mission

1st Meeting: Introduction	<i>October 18th 2021; 15:30-17:30 CEST (Berlin time)</i>
2nd Meeting: Project Refinement: Focus on citizen participation	<i>October 20th 2021; 15:30-17:30 CEST (Berlin time)</i>
3rd Meeting: Project Refinement: Focus in financial advisory	<i>tbc</i>
Languages	Simultaneous translation: English <> Spanish
Event	Expert Mission Risaralda (please register for updates and further details)
Conference tool	BigBlueButton – best usage with Chrome / Firefox

Agenda for the 2nd Meeting October 20th: Focus on citizen participation

Time	Agenda	Contents
15:15	Log-In and Tech Check	
15:30	Welcome & Introduction	Franziska Loibl, <i>Connective Cities</i> , GIZ*
15:45	Expert Input	Carolyn Lahode Sarah Sutter <i>Hochschule für Technik Stuttgart – HFT</i> Amando Reber <i>City of Stuttgart</i> Q&A session (ca. 10 minutes)

16:10	Project idea refinement	<p>Open discussion & workshop to refine the project idea, based on today's expert input:</p> <ul style="list-style-type: none"> - Citizen dialogue and need's assessment - Methods to increase acceptance of the project among citizens - Roles of the stakeholders
17:20	Closing remarks & outlook	<p>Franziska Loibl, <i>Connective Cities, GIZ</i></p>

*GIZ = Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH