

IC - (20954) - BRIDGING CITIZENSHIP, SCIENCE AND POLITICS: COMMUNITY-BASED LABORATORIES FOR DISCUSSING AND CO-DESIGNING CLIMATE ADAPTATION

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Background and objectives

In order to develop solutions for transformative adaptation [1] to climate change in local communities [2], dialogue between scientists, young students, activists, economic agents and policy-makers should be promoted. This study intends to co-design strategies to promote the involvement of different actors into territorial climate adaptation. We argue that knowledge transfer is not a one-way process, but rather a collaborative process of sharing and mutual learning, bringing diverse actors in a co-creation approach [3], tackling the challenges of climate resilience.

Process and methods (for empirical research)

First, we present the analysis of Climate Change Adaptation Plans developed by eight Intermunicipal Communities (CIM's) of Northern Portugal, pinpointing the major climate risks and the adaptation strategies in each region. Secondly, we explore how these normative political discourses echo within local collaborative 'laboratories'. These labs aim at integrating economic agents, policy-makers, activists, young students in responding to climate change at the local level. Based on participatory approaches of citizen science [4], the labs will be rooted in climate-related projects developed by students in schools [5] in the 8 regions, bridging their voices with the know-hows of other relevant social actors towards a systematic dialogue.

Main results (or main arguments in the case of critical reviews)

An initial document analysis of the Plans reveals that adaptation measures do not seem to integrate the different actors or involve young people. We aim to shed light on the articulation between climate adaptation measures, as outlined by the CIM's, and the climate proposals discussed by young people [6] with local actors within collective and participative spaces for developing community resilience.

Implications for research and practice/policy | Importance and originality of the contribution

The collaborative laboratories intend to create spaces for dialogue between different actors. They are expected to fill the gaps diagnosed in the CIM's documents, as well as co-create actionable solutions for climate adaptation, creating a model to be replicated in other territories and contributing to research on practices of knowledge transfer in climate adaptation.

Palavras-chave : Climate Education, Climate Change Adaptation Plans, Participatory Methodologies, Co-creation laboratories