

Commons for the Commons: Climate Action in the Amazon through Data Collaboratives

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Carolina Banda works as a research fellow at the MPI for Innovation and Competition, specialising in data regulations, competition law, and innovation in the life sciences sector. Additionally, she conducts research on sustainable development and data governance in emerging economies. In parallel, Carolina is completing her PhD at the University of Munich, where she proposes data governance mechanisms to facilitate adequate access and exchange of health data collected by wearable medical devices (mHealth). Leveraging her

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Abstract

In the face of humanity's most pressing crisis, a paradigm shift in how we understand and promote economic development is a matter of survival. The prevailing model —responsible for climate change— is based on individual initiatives and a public sector whose sole

task is to correct market failures. This calls for a paradigm shift that prioritises collaborative action. A renewed commons-based approach, aligned with the Sustainable Development Goals (SDGs), can form the basis of this shift. Against this theoretical backdrop, we propose the development of artificial intelligence (AI) and data collaboratives in the Amazon rainforest. This approach holds promise for three identified areas: shaping public policies to mitigate deforestation, transitioning to a bio-economy, and coordinating government efforts to support Brazil in achieving climate action (SDG 13).

