



Policy Memo

To: Green Climate Fund

From: Mohi Consultora

Date: June 9, 2021

Re: Public policy recommendations on migration and displacement due to climate change

Resume

Climate change represents a problem of extreme urgency given the negative effects that this phenomenon brings with it. Humanitarily, the problem has escalated to the point of destabilizing a person's health, economic, social, territorial areas, among others, to the point of forcing them to escape from their place of origin, resulting in migrants due to climate change. Taking action within this area is of international importance since migratory flows intervene with the capacities, needs and interests of all countries. Within the sustainable development objectives proposed by the UN, it is necessary to carry out measures to reduce greenhouse gas emissions and to adapt to cities and infrastructures. The relationship between migration and climate change is given by various variables that, when assertively analyzed and placed in public policy strategies, could mutually benefit for their adaptation and mitigation.

Problem

"In 2018 the World Bank estimated that 3 regions (Latin America, Sub-Saharan Africa and Southeast Asia) will generate 143 million climate migrants by 2050. In 2017 alone, 68.5 million people were forcibly displaced, more than in any other country. point in human history. " (World Bank, 2019) Failure to address this urgent human reality will accentuate the negative effects that climate change brings with it, since nations will not have the tools or resources necessary to face mass migration or the effects caused by global warming.

Proposal

Based on the data collected from the World Bank and the NDC, three models were made (one for classification and two linear) which facilitated the identification of the most important variables with respect to the relationship between the countries that take the most action regarding migration. and displacement and its nationally determined contributions. Among the most significant variables are water, environmental barriers, health and agriculture. An environmental problem needs sustainable solutions:

- (1) The planning and programming of the promotion of biomimetics is proposed through public policies to encourage its use as a solution to problems based on sustainability. In the case of migration and displacement, this proposal reduces barriers and financing gaps by strengthening public and government awareness of environmental problems.



- (2) Complementing the previous proposal, it is invited to catalyze climate innovation by investing in new technologies, in this case, biomimetics to take care of the aforementioned significant variables through existing innovative projects.

Warnings

If the importance of the recommended variables is omitted, it is difficult for other actions to denote effective and productive results for the mitigation of this problem. If measures are not taken in the face of this reality, the consequences can hardly be controlled and, therefore, will potentiate the negative effects that climate change and unregulated migration bring with it.

Conclusion

It is necessary to visualize and raise awareness of the possible effects of the phenomena presented above in order to execute the necessary actions to reduce their consequences. The UN has established within its Sustainable Development Goals that cities must be built sustainably and implement actions that increase their resilience to future environmental threats. Innovation in projects that positively intervene in significant indicators for caring for the environment improve the development of nations and prevent humanitarian crises such as mass migration and displacement.

References

- Podesta, J. (2019). The Climate crisis, migration and refugees. Retrieved from <https://www.brookings.edu/research/the-climate-crisis-migration-and-refugees/>
- Chan, S. (2015). Paris Accord Considers Climate Change as a Factor in Mass Migration. Retrieved from: <https://www.nytimes.com/2015/12/13/world/europe/paris-accord-considers-climate-change-as-a-factor-in-mass-migration.html?smid=wa-Compartir>