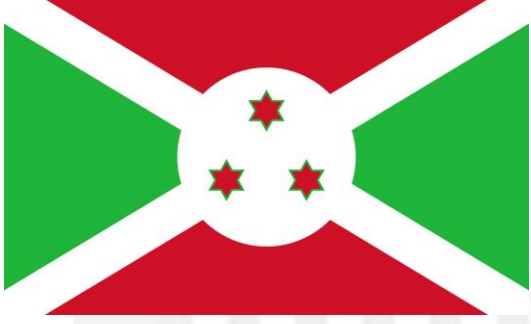


SUSTAINABLE DEVELOPMENT BASED ON NON-MARKET APPROACH AND CLIMATE ACTION AT LOCAL GOVERNMENT LEVEL

***By Eng. NIMPAGARITSE Joselyne, Development advisor of the
Mayor of Bujumbura City / Burundi ,***

E-Mail :nimpajoselyne@gmail.com, Tel: +25779592749

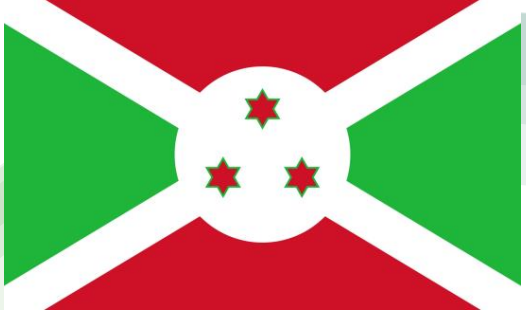




I. GEOGRAPHICAL SITUATION

- *Burundi is a country in Central Africa with an area of 27834km²*
- *Burundi has a hot, humid tropical climate influenced by altitude and characterized by alternating rainy seasons (October and May) and dry seasons(June to September).*





Contribution to the NDC

- **NDC 2.0 approved in 2021**
- Partnership with Government entities, NGOs, World Bank and UN Agencies (UNDP,FAO,
- Projects implemented in Adaptation, mitigation, biodiversity, energy and agriculture sectors,
- Nature based solutions projects implemented by NGO near stakeholders
- Framework group including all partners (Government, NGOs, Private sector, UN Agencies and other partners like European Union, World Bank)



Implementation of non market solutions

- The implementation of solutions that do not rely on market mechanisms, such as the monetization of natural resources or emissions trading systems.
- The EWE BURUNDI URAMBAYE project protects the bord of river for climate adaptation and resilience
- Ex : protects the bord of river Mutimbuz: we encouraging community mobilizing ,encourage citizen participation in local project ,such as reforestation and afforestation that contributed for reduction of greenhouse gaz emissions



Nature tours

- sustainability workshops or community events can inform the public about climate action,
- e.g. President descends to raise awareness of the growing season through the Vaso Agricultural Cooperative.
- What remains is the creation of consumer and energy cooperatives to preserve as in France and capacity building the sustainability of these cooperatives.



NGOs contribution for social inclusion

- Social innovation, as a non-market approach to climate action, promotes solutions that are sustainable, inclusive and adapted to local needs.
- By mobilizing communities and promoting collaborative practices, it contributes to a more resilient future in the face of climate challenges
- eg it's the meeting of local NGOs in collaboration with local administrations to get involved in environmental issues.
- We call on international NGOs to contribute to making this vision a success for all the country's schools.



Development of partnerships as a non-market approach

The Development of partnerships as a non-market approach between local governments and non-governmental organizations can foster tourism projects that integrate climate objectives,

e.g. The 25 YEARS OF NILE COOPERATION celebrated in Burundi is the time to remember: Rusumo falls hydroelectric project 80mw already finalized, Ruvyironza Multifunctional Project for Irrigation and Hydroelectricity 22mw for the Nile Equatorial Countries, kanyaru hydroelectric project 12mw and irrigation





Nature-based solutions

Promotion of environmentally-friendly solutions that are not based on market models, such as the renaturation of urban spaces, ex. the creation of community gardens and the enhancement of biodiversity, a city that favors public transit.

we still have to promote the installation of solar energy and other energy sources on public and private buildings, setting up a transport cooperative like la cagette in France



Climate change impacts

Education and awareness-raising are essential, non-market approaches to combating climate change.

the rising waters of Lake Tanganyika had a negative impact

EX- campaigns (kibenga-kajaga-gatumba): inform about the causes and impacts of climate change.

Launch local initiatives to inform people about climate issues and explain them its defended to construct at allow 150m of the lake Tanganyika.





Climate justice as a non-market approach

Climate justice as a non-market approach to climate action in the city: Climate justice as a non-market approach to urban climate action aims to create fairer, more resilient and sustainable cities.

By placing people and communities at the heart of solutions, this approach contributes to a radical transformation of existing systems, promoting genuine social and environmental equity.



International cooperation as a non-market approach to climate action

- Collaborate on a global scale to exchange ideas and resources without seeking financial gain. - Support for developing countries^{**}: Help these countries to implement sustainable practices by providing resources, capacities and Technologies
- EX: Project PRU for WORLD BANK with initiative to deal with flooding in Bujumbura City. With 113millions usd. but we need 500 millions USD
- UNDP Landscape restoration cofounded by GEF and UNDP for 9 millions USD. This pilote project shows that the budget is very low and additional financing of 50 millions can help to protect a large number of stakeholders



Elaboration of NDC 3.0

- The Government aims to review the NDC as other countries by 2025
- Consultation will be made to all partners and stakeholders
- NGO are the main actors



Conclusion

- Integrating citizen participation, prioritizing community well-being, ensuring equitable access, circular economy, sustainable agriculture, local initiatives, education and awareness-raising, collaborating with governmental and non-governmental NGOs in developing sustainable projects, implementing policies and regulations in climate action plans,
- Local governments can play a crucial role in the fight against climate change.



Thank you for your attention