

Facility for Action for Climate Empowerment for achieving the NDC (FACE-NDC) 2023-2030

Challenge:

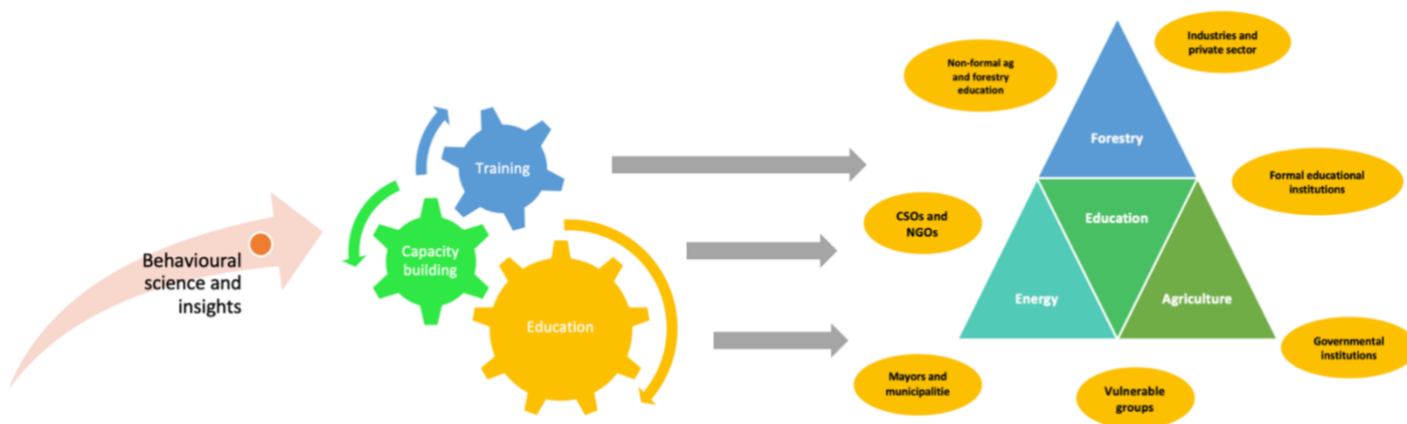
Unsustainable agricultural expansion, low production, high food losses, poor fuelwood management and lack of sustainable energy sources are primary drivers of land use change, greenhouse gas emissions, biodiversity loss and reduced climate resilience in Zambia. Although suitable solutions are available, as identified in various national climate strategies and plans, transitions and “green” behaviors have not occurred due to a lack of knowledge, capacity and policy interventions.



Context:

Zambia is launching the National Climate Change Learning Strategy to enhance climate change learning across the energy, health, forestry, agriculture, and education sectors. Zambian NDC targets to reduce GHG emissions by 47% by 2030. Although the policies are in place, the integration of CC into key development programs is still a challenge. This project will be a backbone for the NCCLS implementation, be part of ACE measures under Article 6 of the UNFCCC and Article 12 of the Paris Agreement.

Proposed solution:



Innovation:

- ➔ The project uses innovative technologies such as Google Earth Platform with stakeholder consultations to assess stakeholder social and geographic contexts and their relation to NDC targets and sector priorities.
- ➔ Through a set of technical, educational and behavior change experts, the project will create interlinked education and capacity building packages that will ensure education entities are operating under one national effort to ensure the skills and technical competencies needed for climate empowerment and sustainable transitions.

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- ➔ With the ethos of leaving no one behind, the project will use innovative methods of reaching remote and marginalized communities and address the specific needs to empower women, girls, children, youth, people with disabilities and vulnerable groups.
- ➔ The project will be structured to deal with COVID-19 and post pandemic conditions and is innovative in creating a program that spans preschool children all the way to professionals and addressing issues related to agriculture, food values chains, forestry and energy.
- ➔ The project will also engage with private sector and industry to raise capacity for green recovery initiatives, and job creation and ensure that the required skills are included in national educational and professional training programs. For example the creation of the Renewable Energy Laboratory will support hands on training programmes that will empower new professionals to integrate renewable energy technologies in the country. The University can later provide services to investors on renewable energy technology as part of the financial sustainability.
- ➔ The project will be getting in kind support from partner networks and providing “export packages” to support ACE implementation in other countries. Support will come from: the UN Climate Change Learning Partnership (UN CC:Learn); UNESCO’s Education of Sustainable Development (ESD) programme, UNFCCC ACE partners, the FAO led Youth and United Nations Global Alliance (YUNGA) which is operational in over a 100 countries and includes partners such as Scouts and Guides that have a combined membership of 65 million; the Global Alliance for Climate-Smart Agriculture (GACSA), the FAO-ITTO-IUFRO Global Forest Education Programme; universities and technical organizations, such as Bonn University and members of www.dafa.de, and even private foundations.
- ➔ The project will use innovative M&E and IT, including cloud NASA and ESA satellite imagery, georeferenced survey and civil science data gathering systems to assess impacts and build the evidence base for effective targeting behavior education, becoming the first national case study to be supported by a consortium of behavior change experts.

Results to be achieved:

