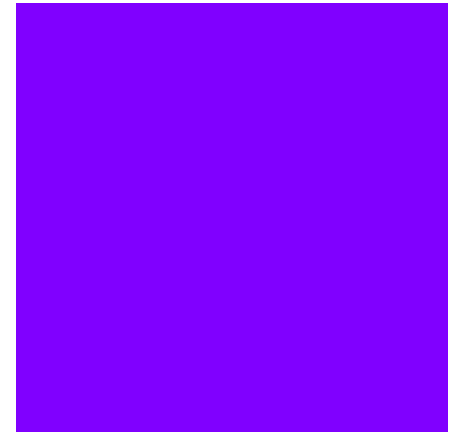
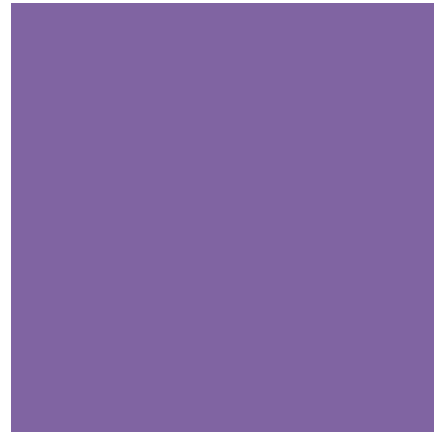




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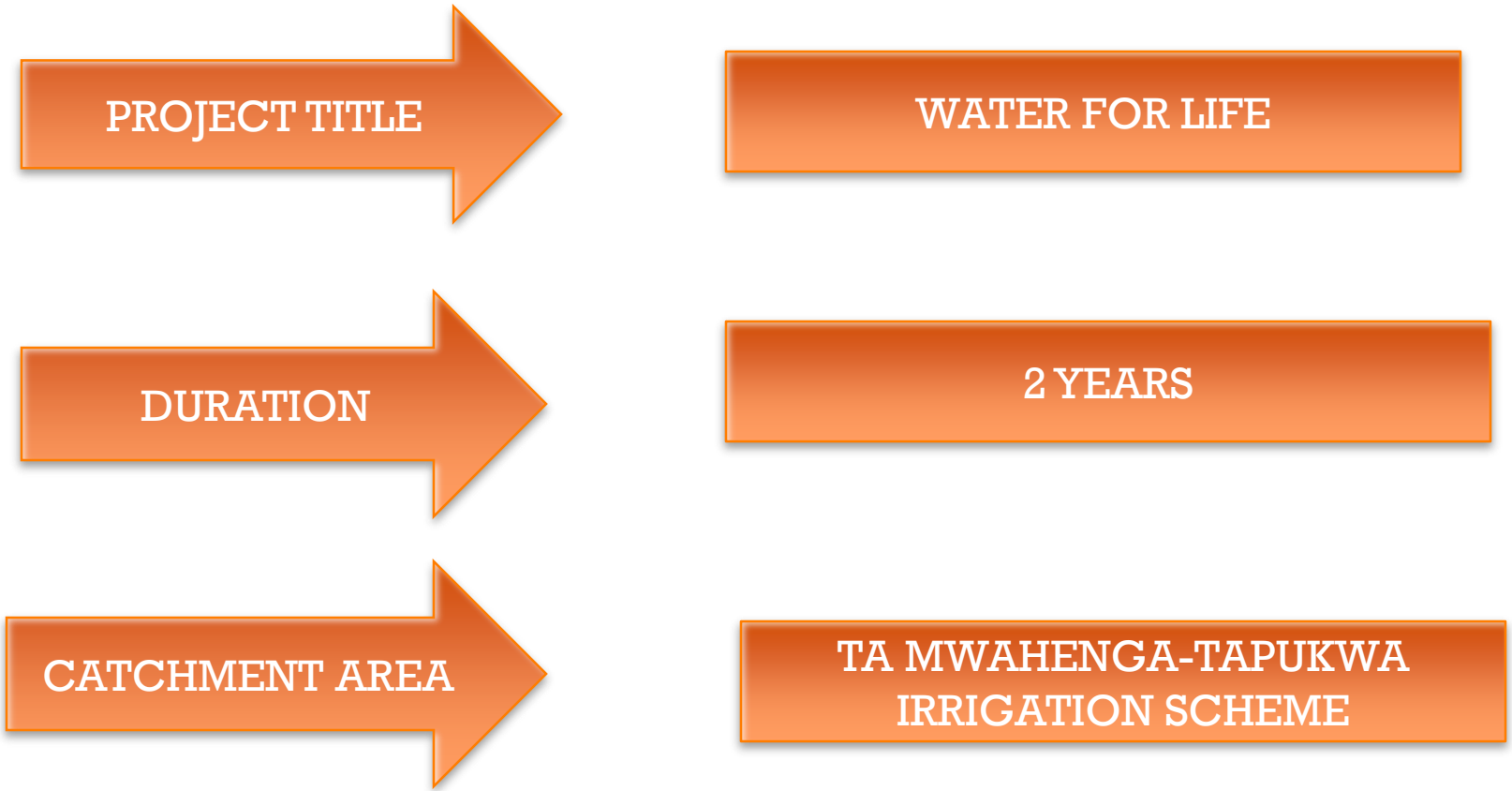
# Water for Life Project

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# Introduction







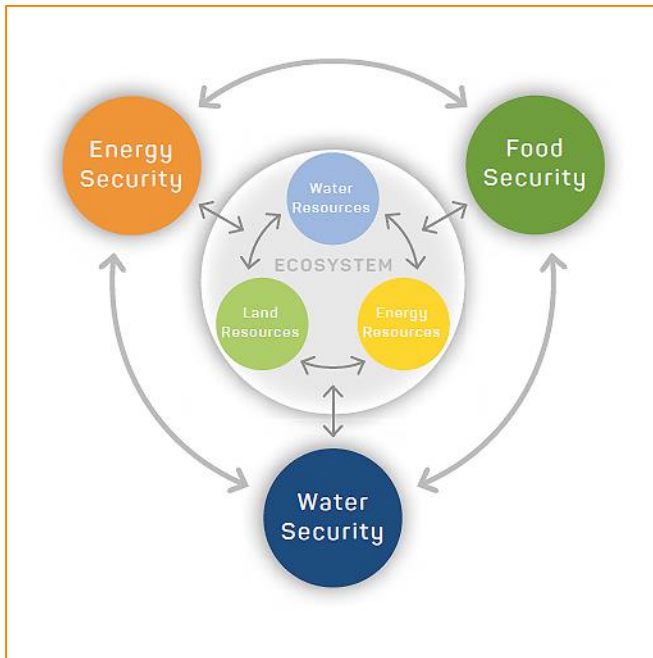
## Introduction...



- The water for life – Tapukwa project is a two-year action we are implementing in partnership with [Malawi Fruits](#)
- The project is focused on Tapukwa Irrigation Scheme located in the Henga Valley, in Rumphu District in Northern Malawi.
- The project is financed by the Scottish Government's Climate Justice Innovation Fund (CJIF) which is concerned with the nexus of food, energy and water.
- The Nexus approach highlights the interdependencies between achieving water, energy and food security for human well-being, e. g. basics services and economic development, while ensuring ecologically sustainable use of globally essential resources.



# + The nexus approach



- The Nexus approach is a fundamental shift, from a pure sectoral approach to solutions that embrace a cross-sectoral, coherent and integrated perspective.
- The three "supply securities" water, energy and food depend on ecosystems and on each other. The three resources land, water and energy (atmosphere) are part of this ecosystem.





# Who are the Players



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- Centre for Youth and Development responsible for implementation of the project in Malawi



- The Scottish Partner responsible for overall project management



**The Scottish Government**  
Riaghaltas na h-Alba

- Scottish Government Climate Justice innovation fund







## Project Aims

- The aim of the project is to refurbish the irrigation scheme, provide hydroelectric power and provide portable water for households.
- The project is focused on smallholder farmers who total 103 with 64 male farmers and 39 females.
- On average the farmers have 7 dependents meaning that a total of 824 people will be reached by the end of the project.





## What do we aim to achieve?

- The project aims at delivering three outcomes;

■ **Outcome 1:** 103 farmers will be trained and equipped to earn a living through agriculture. Access to irrigation and mechanization will be an important part of this.

■ **Outcome 2:** 103 farmers will be trained in basic financial literacy, entrepreneurship and agriculture to enable them to contribute to their family's well-being.



■ **Outcome 3:** The 83 households will have the potential to gain clean water and safe energy. The target is 100% to access clean water and at least 75% to access renewable energy by the end of the project.





## Progress so far

- Mobilized 120 farmers into 3 clubs and facilitated establishment of the Tapukwa Irrigation Scheme Umbrella body overlooking the affairs of the whole scheme.
- Built the capacity of the irrigation Scheme Umbrella and the executive committees of the three Clubs in Management of Farmer organizations enabling effective management of the scheme.
- Supported refurbishment of the irrigation Scheme and by close of the year 852 meters have been completed for the main canal and 1585 meters for secondary canals enabling farmers to grow their first cash crop in the scheme through irrigation.





## Progress so far...



- Setting up of a Revolving Loan Fund, managed by Malawi Fruits Trading.
- Supported farmers with Farm Inputs through the Revolving Loan Fund arrangement to be paid back with a 10% interest rate.
- Mobilized 64 farmers to setup 5 Village Savings and Loans Associations as a strategy for saving towards their farming businesses but also as an insurance to cushion farmers in cases of emergencies.
- Trained 64 farmers in Village Savings and Loans Associations model for effective management of their associations.





## Progress so far...

- Provided extension services on an on-going basis on crop husbandry practices including production of selected crop enterprises, compost manure making for 120 farmers imparting them with function skills to support farming as business for the farmers.
- Procured the Ultra-Violet Ray water Filtration system, awaiting installation.
- Trained Scheme water management committee in water management.
- Trained 120 farmers in financial literacy and entrepreneurship for effective management of their money and small businesses.







## Moving forward...

- Construction on water filtration tanks, UV filter house, UV filter installation
- Procurement of Turbine and energy component peripherals
- Construction of charging station and ICT kiosk room.
- Implement long term maintenance and management plan for water and power installations
- Installation of ICT Kiosk for provision of Agricultural information
- Install renewable power plant and associated distribution network.
- Implement long term maintenance and management plan for water and power installations





## Challenges

- Low participation in project activities due to allowance syndrome
- Negligence among some farmers to adopt new technologies
- Lack of scheme ownership (some community members using the water to mould bricks)







END OF PRESENTATION

THANK YOU

