



FLASH UPDATE #1

HOW YOUTH AND OTHER COMMUNITY MEMBERS CAN PRODUCE MORE VEGETABLES WITH LESS WATER

As we advance in implementation of our Generation Hope Campaign at Save the Children in Mozambique, we take this opportunity to share update #1. In this update, we will focus on how youth and other community members can produce more vegetables with less water?

In 2022, Save the Children undertook the biggest ever dialogue with more than 54500 children from 41 countries on issues related to climate and inequality crisis. The study report has 5 recommendations, including: (i) Listen to children and act on their demands, ensuring that they have meaningful say over decisions that affect their lives and the planet; (ii) investment in early warning systems to climate shocks, building resilience to them, adapting essential services to minimize disruption, supporting children experiencing losses and damages. In order to respond to three recommendations, Save the Children did launch Generation Hope Campaign aiming to support children and youth to advocate for more actions to address climate and inequality crisis.

With support from Save the Children, the Youth Climate Action Coalition in Mozambique (YCAC MOZ) was formally established in January 2023. On June 9th, 2023 YCAC and Save the Children in Mozambique did visit Moza Hydroponic, a youth owned and led private company, at KaMubukwana Muncipal district of Maputo City (suburban area). The company is developing efforts aiming to ensure that in the climate change crisis times (with trend of water being scarce), it is possible to produce more vegetables with less water. The technique used is called hydroponic. It consists on recycling water to produce vegetables in urban or rural areas. The system can be integrated with other one aiming production of fish (aquaculture).

It was good to learn the impact of the hydroponic technique on saving water when producing vegetables such as lettuce. It is estimated that 75% of water needed in vegetable production is saved through use of hydroponic technique.

Although seems a complex system, there is room to apply different alternatives when it come to costing; can be complex for sophisticated and huge production as well apply simple techniques (buckets, bags/sacs, boxes, etc) for rural/community level.

Save the Children in Mozambique will continue supporting YCAC MOZ to ensure that climate smart agriculture initiatives such as hydroponic technique will be used at scale in Mozambique.



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...
It is estimated
that using hydroponic
technique, 4 liters of water is
used to produce one lettuce while
in soil based production, 25 to 40
liters of water is used to produce one
lettuce
...”

Samuel Alexandre, Moza hydroponic CEO.



FOR MORE INFORMATION, PLEASE CONTACT:

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