

## **Youth mainstreaming in climate smart agriculture as a means to achieving zero hunger in African by 2025**

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**Abstract:** Rising levels of greenhouse gasses GHGs has resulted in climate change as evidenced by melting of glaciers, increasing global temperatures, shifting seasons, changes in rainfall patterns, biodiversity loss, increasing frequency and intensity of extreme weather conditions. Meanwhile agriculture employing 65 and accounting for 32 of GDP in Africa3 significantly contribute GHG emissions. There is lack of youths motivation to engage in farming because 3httpblog.acton.orgarchives94812-25-facts-about-africa.html they perceive it as an unprofitable high risk business, labor intensive, time consuming to get returns they perceive it as an unprofitable high risk business, labor intensive, time consuming to get returns they perceive it as an unprofitable high risk business, labor intensive, time consuming to get returns they perceive it as an unprofitable high risk business, labor intensive, time consuming to get returns they perceive it as an unprofitable high risk business, labor intensive, time consuming to get returns4httpwww.fao.orgdocrep019as290eas290e.pdf 5high levels of poverty and inequality, rapid population growth, underdeveloped markets, poor infrastructure and service provision, and weak governance systems Climate-smart agriculture techniques help to transform and reorient agricultural systems by sustainably increasing agricultural productivity and incomes adapting and building resilience to climate change and reducing andor removing GHG emissions. change requires accurate real time climate data, changing negative perceptions of youth towards agriculture and supporting their active participation in CSA activities also increase the resilience of the agricultural sector to climate change . CSAYN had been domesticating the global Sustainable Development Goals in local languages in 30 countries to ensure that youths and women are well informed.