

#### PROGRAMME OVERVIEW

he agricultural sector of Sub-Saharan Africa is the least mechanised in the world; farmers have on average a tenth of the mechanised tools of their peers in other developing regions. This lack of mechanisation has undermined the competitiveness of African farmers, reducing their productivity and exacerbating a vicious cycle where they are unable to invest in modern machinery and in digital technology they require.

Population growth and changing lifestyles are creating a surge in demand for food, well beyond the current capacity of the sector. The rapid urbanisation of African societies adds to the urgency. As individuals increasingly move to the cities, rural labour rates are likely to rise and farms will need to do more with fewer available hands, and produce ever more food to meet the swelling demand.

Mechanisation and digital solutions offer geometric production increase, accelerated market access, informed pricing, more financing opportunities and results oriented extension services required to drive radical change of the sector. It is critical to not only identify appropriate mechanisation and digital technologies but equally to develop functional agribusiness models that can accelerate the integration of these technologies to markets to enhance their availability, access and proper application by small holder farmers for improved returns.

Agriculture is the most critical sector for Sub-Saharan Africa's development, employing more people and contributing more to gross domestic product than any other industry. The lack of mechanisation is a key bottleneck to the transformation of African agriculture, which is why AATF is working to give farmers the tools to increase their productivity, invest in their farms and access new markets.



### Current projects and special initiatives

# Cassava mechanisation and agro-processing

Cassava is an economically important crop in Sub-Saharan Africa, but farmers in the region on average achieve a yield of just 7-9 tonnes per hectare, around a third of that produced by their counterparts in Asia and Latin America.

The cassava mechanisation and agro-processing project (CAMAP) aims to increase the operational efficiency and improve market linkages for smallholder farmers in Nigeria, Uganda and Zambia. Through the project, more than 18,500 hectares of land has been put under mechanisation, with yield increase of more than 25 tons and in some instances reaching 40 tonnes.



#### **QUICK FIGURES**

# 25<sub>tonnes</sub>

Yield increase in SSA as a result of mechanisation

18500ha

Land that has been put under mechanization in Nigeria, Uganda and Zambia