

Maize in the form of ugali is the staple food in Kenya. With the increasing price of packaged flour more people are turning to posho mills as their source of maize flour. One advantage that packaged flour has over maize flour from the posho mill is the fortification that it undergoes during production which is a directive of the WHO. The flour obtained from the posho mills does not contain such fortification minerals as zinc which are essential for good health and development.

If not addressed this may lead to hidden hunger among a large proportion of the population exposing them to disease and infections. There is a need to develop a system of fortification for posho mills to ensure that all flour contains the required minerals. (Insert name of project) is a low cost device meant to integrate with existing posho mills in order to fortify the flour produced. This device offers a variable quantity of nutrients depending on the amount of flour to be fortified. The design which makes it easily attached to existing posho mills will present a wide market for the product as we seek to address hidden hunger and SDG 3 of good health and well being.