



# Social impacts

**Stakeholder Awareness and perception:** The findings showed that there is some appreciable level of awareness of circular economy among the stakeholders (farmers, agri-food processors, distributors, government, financial institutions) in Ghana's agri-food value chain. Stakeholders believed that lack of government legislation and enforcement, inadequate investment funds for innovative products and limited market research on circularized products are among some of the barriers to agri-food circular economy in Ghana.

**Consumer preferences and perception:** Ghanaian consumers play a vital role towards achieving an agri-food circular economy. Out of the 1000 respondents that took part in our consumer survey, it was revealed that the preferences for circularized agri-food products depended largely on consumers' perception on the three factors namely hygiene, taste and price of the product. The overall level of circular economy awareness among consumers was however low although they were familiar with some of its principles such as recycling. In terms of openness to innovation, we found that the average Ghanaian consumer is mostly influenced by their family and friends in their willingness to try new foods.

# Economic impacts

**Profit creation:** The economic impact of CSIR-FRI's operations is seen in the key role the Institution plays in terms of profit creation for actors within the value chain. First, the farmers that supply the crops, profit from selling to CSIR-FRI. Secondly, CSIR-FRI in turn also makes profit margins from processing these crops into various food products. Although the analysis is done at the micro-level analysis, it is still indicative of the massive role that agri-food processing on the whole plays in the Ghanaian economy.

**Cost of waste management practices:** Some of the w

