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WP5 Partners



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WORK PACKAGE 5

Bio-based packaging



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MAIN OBJECTIVES

InnoFoodAfrica Work Package 5 aims to valorize the biomass residues from raw material harvesting, post-harvesting and food processing via bio-based packaging innovations to reduce food loss, and thus, increase the overall efficiency of food systems.

BACKGROUND

InnoFoodAfrica Work Package 5 aims at increasing the sustainability, efficiency and value-addition of food chains by utilising side-stream and food loss reduction through bio-based packaging. The target is to ensure sufficient shelf-life for food products replacing plastic consumer packaging thus reducing plastic waste and littering.

OUR APPROACH

Survey of agrofood losses and side streams in the crop VCs in Ethiopia, Kenya, Uganda and South Africa will be conducted to enlighten the valorisation potential of the side streams/residues from selected crops to improve resource efficiency

Evaluation and development of environment friendly new bio-based packaging materials

Evaluation and development of biodegradable composite granule

Development of technology toolbox of processes, materials and innovations and knowledge sharing to various stakeholders

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