

6th International Conference on Food Chemistry, Nutrition and Safety

November 10, 2022 | Webinar

ISSN: 2472-0542

Sustainable agriculture/ aflatoxin is neither a risky nor an uncertain/impossible business since 1975 at Liaqat Corp (Pvt) Ltd, by field-based mobile commercial innovative industrialization for zero food waste at profit-loss/PPP/turn-key/tech transfer basis

Abstract

First community-based mobile common DRIED PROCESSING installed by PCSIR TECHNOLOGY Pakistan/1975, operated by farming/industry communities, skilled/ industrial researchers. Each loss is converted to profit by field-based technologies. 2500 value-added recycling/ DRYING technologies invented; moisture reduced in field/ farming areas, resulted in new emerging technologies under cross-cutting game-changing industrialization. MOBILE Drying operated with 75% females, PHYSICAL TECH CHEMISTRY sustainability achieved, Slicing/ VALUE ADDED drying centers, sustained AGRI at seasonal stations, and it minimized weight/ volume instantly up to 12%, managed physical solutions in low farming. FIVE SEASONAL SLICING centers were installed in 50 villages. Commercial field-based industrialization found/ followed/ faced/ killed perishability. Climatic conditions/ SGDs industrialized, 40% SAVING possible during 2022-2023 instead of 2030 to FOOD CHEMISTRY 2022. SKAL/ USAID/ IAEA/ HALAL/ PFA certified in 2004. Simple principles that don't let food get wasted, adopted, initiatives/ least cost farmer-industry partnerships, achieved sustainable ecosystem reshaped/redesigned, biotechnology/ physical topping/ tailing applications. Being Tech provider/ private funder, found scientific solutions for funded survival. PHYSICAL sustainability researched farm-based practicalities, value-added innovations invented by ten pre/post-harvest training/seasonal infrastructure stations, promoted industrial mobile methodologies/ equities, diversity/ inclusion focused, generated 25% jobs at the village level, domestic laboratory-based technologies enhanced commercial industrialization. Farmer/ urbanization/ industry partnership generated processing clusters, minimized losses, and sustained next crops/ recycling. The defense used to purchase 3000 MT CANNED peas for ARMY, replaced with Ready-To-Eat about 30 MT INSTANT peas, calories/proteins/nutrition values matched, later on, all fruit/vegetable/meat replaced by INSTANT PHYSICAL CHEMISTRY, 70 years old TINNED system replaced. 90% transportation/weight/volume removed.

Biography

Developed least cost, effective, farmer-friendly innovative dried processing value added technologies for food security and eliminated hunger/poverty since 1975 ensured success for farmers at approachable areas. To mitigate PHL, innovative approach is required rather than subjective. Our technological/scientific experience more than four decades, developed Innovative dried processing technology through our IN-HOUSE fabrication with new scientific lines at sourcing.

phlaid@liaqatcorp.com

Received: July 27, 2022; **Accepted:** July 29, 2022; **Published:** November 10, 2022