



Science for Impact in Africa: 15 May 2023

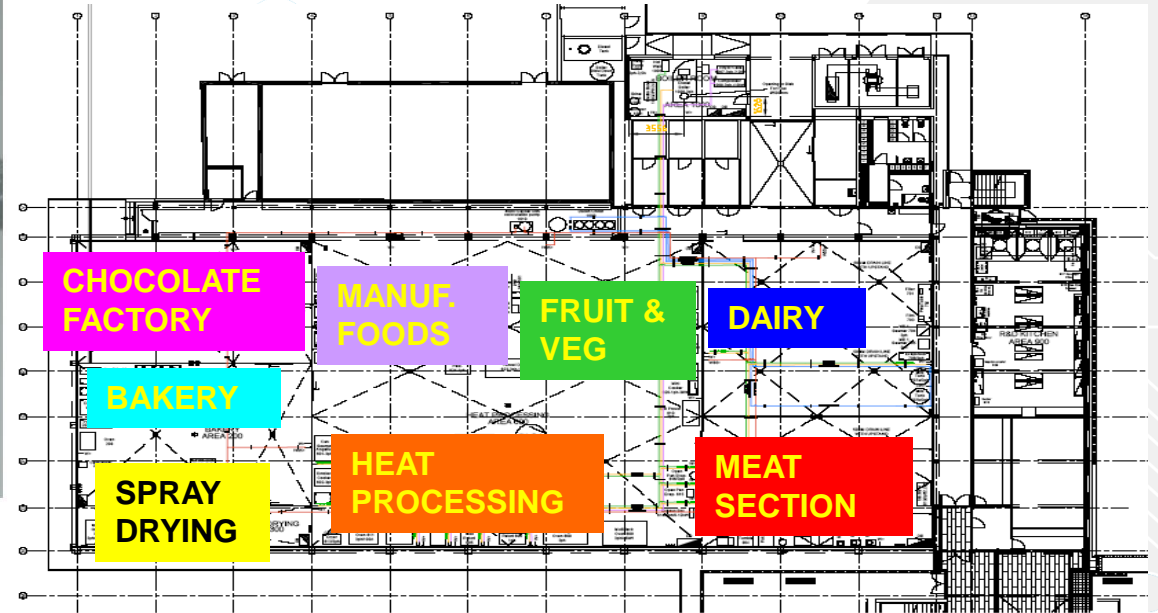
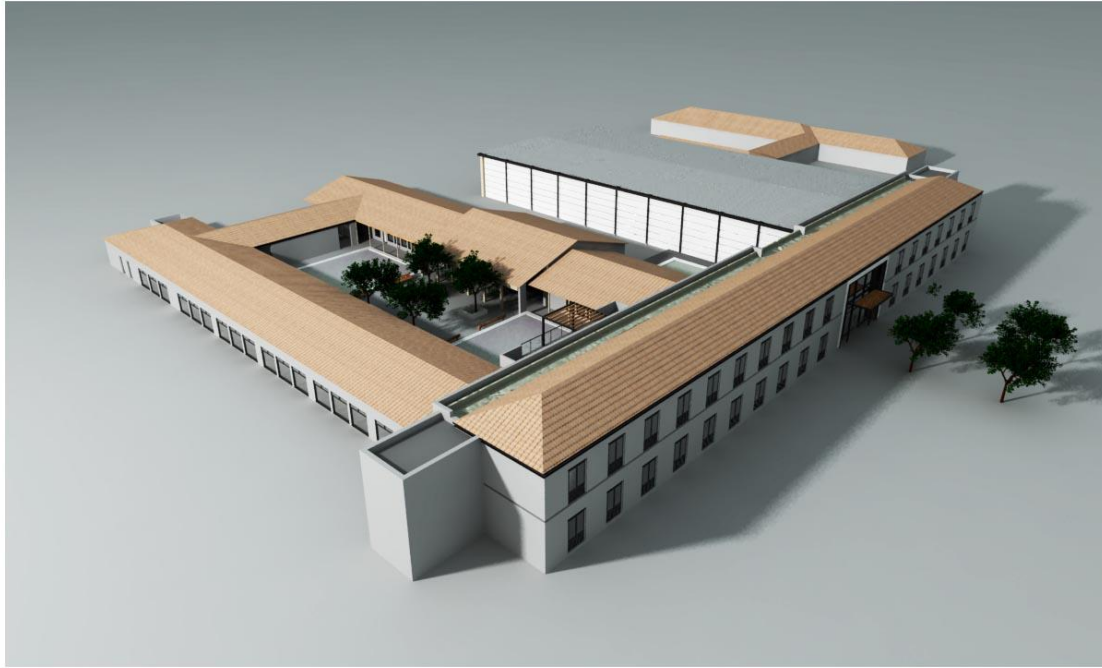
Knowledge Sharing to Communities on Food Safety and Value
Addition through Technology Demonstrations and Training
Workshops

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Peninsula University of Technology, South Africa

VISION
20
30

Background

- AgriFood Technology Station (ATS) was formed in 2004.
- Funded by the Technology Innovation Agency (TIA), a Department of Science & Innovation (DSI). (Modelled around GIZ).
- Based in the Department of Food Science & Technology (CPUT Bellville Campus).
- Policies: TS is managed and governed by the policies of the host HEI.
- Financial Management: Procurement policy of the university.



Mandate

- To assist **individuals, small & medium businesses** with the view of improving competitiveness, innovation and R&D capacity in a sustainable manner.

ATS is a platform that provides affordable **assistance**,

- Product and Process Development
- Research, Testing & Analysis
- Physical Properties
- Shelf-Life Studies
- Up-scaling of processes & use of facilities for processing.

Programme objectives

The core goal of the TSP is to contribute towards improving the competitiveness of industry through the application of specialised knowledge and technology; and facilitating the interaction between industry (especially SMEs) and academia in order to enable innovation.

Objectives

Contribute to HEI being more responsive to the needs of industry

Enable industry, SMEs in particular, to benefit from the specialised knowledge and innovative technologies of the Universities

KPA

Institutional learning and development

Technology Transfer and Industry Support

Measures

Knowledge Products supported, Post Grad Studies on projects, Equipment of TS used by host, Collaboration with other TS, Contribution to academic content & by host to TS, Interns hosted

Technology based support & training to SMEs, Tech based products/processes developed or improved (projects), Industry relevant services, TS equipment used by industry, Industry uptake of tech, Financial contribution to TS from industry/public sources, Provision of industry relevant training

Socio – Economic Impact

ATS ECOSYSTEM

**Interdepartmental
relations**



**DEPARTMENT
OF FOOD
SCIENCE &
TECHNOLOGY**

**SMMEs (Technology
Transfer)**

ats
AgriFood Technology Station

**TECHNOLOGY
TRANSFER
OFFICE**



**COMMUNITY
ENGAGEMENTS**

INDUSTRY



ATS SUPPORT TO COMMUNITIES

Objectives

- Upskill and capacitate these organised groups of people e.g. urban and small-scale farmers, NGOs and cooperatives.
- Share knowledge to improve their processes.
- Provide support to ideas in creating and producing various products.

ATS SUPPORT TO COMMUNITIES

Provide various training workshops viz:

➤ **Good Manufacturing Practices (GMP), Food Safety and Basic Hygiene**

Amanina & Sinakho Leadership & Skills Development



- GMP is a system for ensuring that products are consistently produced and controlled according to quality standards. It is designed to minimise the risks.
- Food Safety is the cornerstone in the production of a safe, reliable, consistent and high-quality value-added product.



ATS SUPPORT TO COMMUNITIES

➤ Bakery Training

United Khayelitsha Informal Traders Association (UKITA)



➤ **Fruit & Vegetable Processing**

Gugulethu Urban Farmers Initiative (GUFI)

Isibane Consultancy



➤ **IN PARTNERSHIP WITH SA AGRI ACADEMY**

20 – 24 February 2023, Kimberly

GMP & Food Safety

Vegetable Processing - Pickling (achar) workshop

Fruit Processing - Jam production workshop



➤ Dairy Processing: Yoghurt & Cheese Production

Belhar



➤ **Chocolate Making & Processing**

Cocoa Emporium



➤ Chocolate Making

UKITA and Sinakho



➤ Chocolate Making

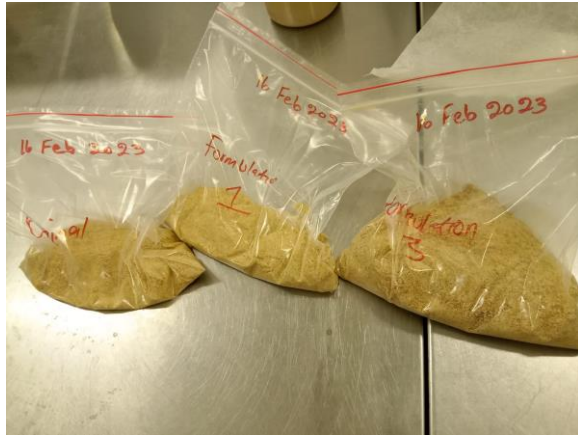
Valhalla Feeding Angels



➤ Chocolate based product



➤ NT Okawa Trading – Oshikundu: fermented beverage (Namibia)



**THANK YOU !
DANKIE !
ENKOSI !**

