



Lodestar
CENTRE OF EXCELLENCE

Building the Next Generation of Food Technology and Nutrition Experts



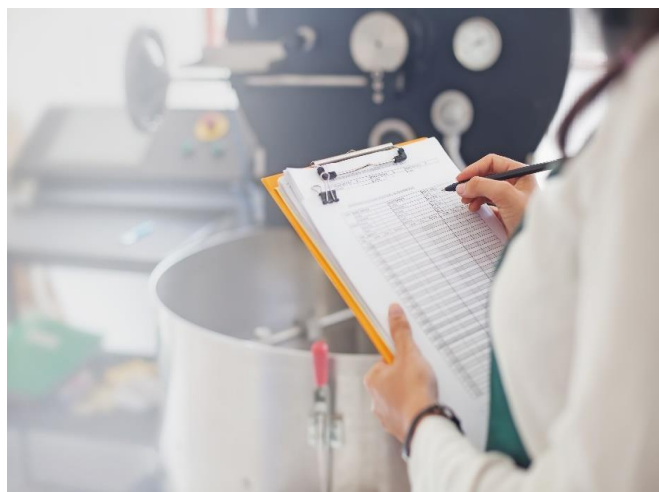
*Learning, Sharing, Mastering, and Inspiring
to Improve Our Nutritious Food Systems*

WHO ARE WE?

The Lodestar Centre of Excellence (LSCOE) is a network of knowledge transfer and training hubs that improve and sustain capacity strengthening efforts in the areas of food safety and quality, nutrition, and food technology.

There are many technical and political barriers that stand in the way of improved policies, programmes, and action on food and nutrition.

We provide hands-on training to strengthen industry and institutional capacity, building the next generation of experts in a variety of topics which drive data transparency and improve actions that enhance our food systems.



A **LODESTAR** is a star used to align trajectories and guide one's course, particularly in navigating a ship.

Continuous training and skills building is our **LODESTAR**. Trusted and transparent information can align priorities and guide stakeholders to appropriate action.

WHAT MAKES US UNIQUE?

- We are a **permanent** training initiative, not project-based or donor-bound.
- Our courses are **hands-on** and **participatory**, ensuring knowledge is owned and sustained long-term.
- Our training staff are **local professionals** who have insights into regional and local challenges and contexts.
- We **engage industry** as part of the nutrition solution, encouraging business-to-business interactions.
- We are **inclusive** and strive to be an **honest broker** between sectors.

WE ENGAGE AND TRAIN:

- Local and international experts
- Food industry across the value chain
- Government regulatory, food control, and healthcare agencies; and
- Civil society and NGO/UN partners working in food and nutrition systems support



OUR TRAINING OFFERINGS



Food Safety

- GMP & HACCP
- Codex & Regulatory Requirements
- Mitigation of Mycotoxins & Other Health Risks

- Procurement Management
- QA/QC Practices
- Product Formulation
- Food Technology
- Packaging & Labeling

Food Quality

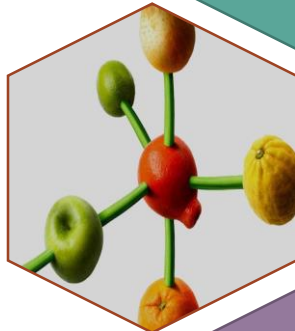


Lab Methods & Skills

- Nutrient & Food Safety Analysis
- Good Laboratory Practices
- Rapid Qualitative & Quantitative Tests

- Probability & Statistics
- Data Visualization
- Data-Driven Decisions
- Digital Data Tools

Data Management



Nutrition

- Food Systems Approaches
- Nutrients & Health Impact
- Nutrition Programming
- Monitoring & Surveillance

- Program Planning
- Regulatory Monitoring
- Legal Frameworks & Trade
- Industry Engagement

Food Fortification



OUR HISTORY AND FOUNDING PARTNERS

LSCOE was founded in 2019 by BioAnalyt and Innovate^x, who, through their collective experience working inside of and with industry, UN agencies, NGOs, and governments in low- and middle-income countries see the need and opportunity to change the status quo.



BioAnalyt is a dynamic small-business based outside of Berlin, Germany, with a focus on democratizing nutrition. They manufacture and sell iChecks, field-friendly mobile laboratories for the rapid measurement of nutrients in food and biological samples. iChecks are used in over 80 countries, measuring nutrients where it matters most.

Innovate^x is a purpose-driven organization based in Pietermaritzburg, South Africa that embraces real innovation to support sustainability and global impact. They nurture initiatives to fruition by partnering and utilizing collaborative innovation techniques to disrupt industries and make a difference in communities.



CONTACT US!

South Africa Lodestar COE Site
Mt. Verde, Hilton, 3200, KwaZulu-Natal

Opening Soon – April 2020

- **Build your expertise** by taking a training course or scheduling a group training;
- **Become a trainer** and join our network of experts;
- Discuss **partnership** opportunities; or
- Leave us **feedback** as we grow our organization to better support you!



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