

# **FARM TO FORK**

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## **ACCREDITATION SUPPORTING THE FOOD SUPPLY CHAIN**

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# Content:

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1. Farm to Fork concept
2. SANAS mandate
3. What is accreditation?
4. Accreditation supporting the food supply chain.



**The Farm to Fork concept or strategy is a political and economic plan initiated by the European Commission to combat an aspect of the negative effects of greenhouse gas emissions by restructuring and reforming the production, distribution, and legislation of the food system of Europe.**

- The role of SANAS is to serve the national and public interest by facilitating the provision of reliable calibration, measurement, testing, verification and inspection infrastructure for the South African government, industry and the wider community

## What is accreditation?

- third-party attestation related to a Conformity Assessment Body conveying formal demonstration of its competence to carry out specific conformity assessment tasks.

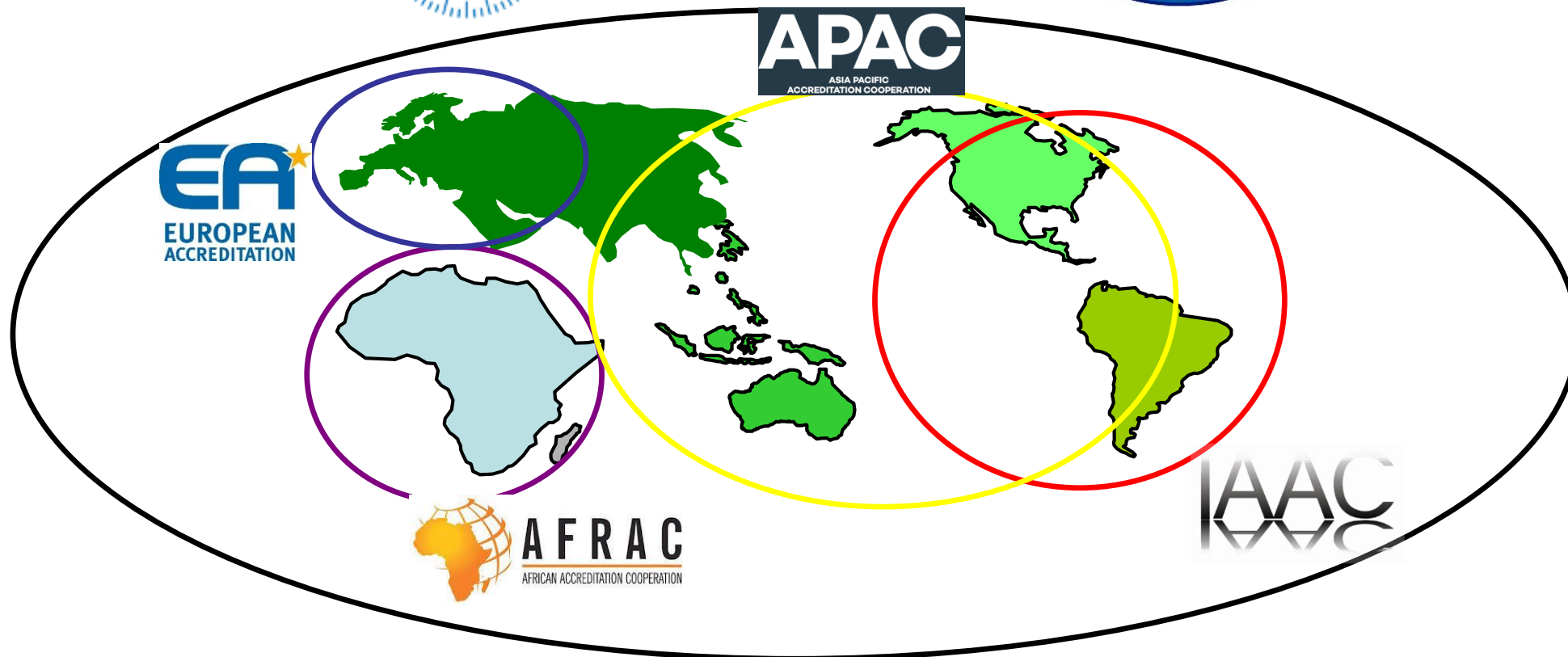


## Food supply chain

- the processes that describe how food from a farm ends up on our table. The process include production, processing, distribution, consumption and disposal.



OECD

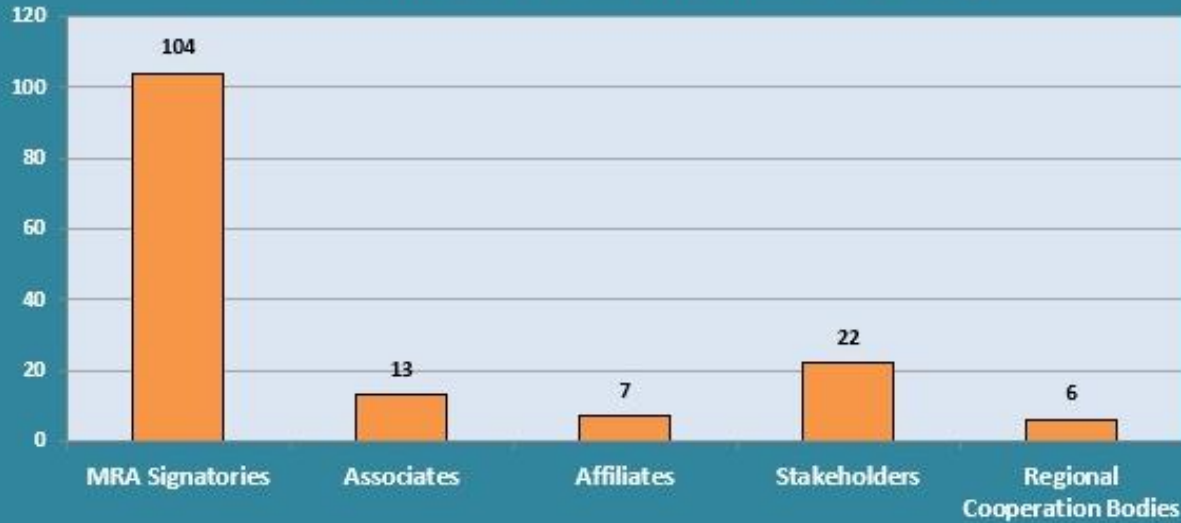


**EA**  
**APAC**  
**IAAC**  
**AFRAC**

**European co-operation for Accreditation**  
**Asia Pacific Accreditation Cooperation Incorporated**  
**Inter-American Accreditation Cooperation**  
**African Accreditation Cooperation**

# ACCREDITATION GLOBALLY

Total number of ILAC members for 2021



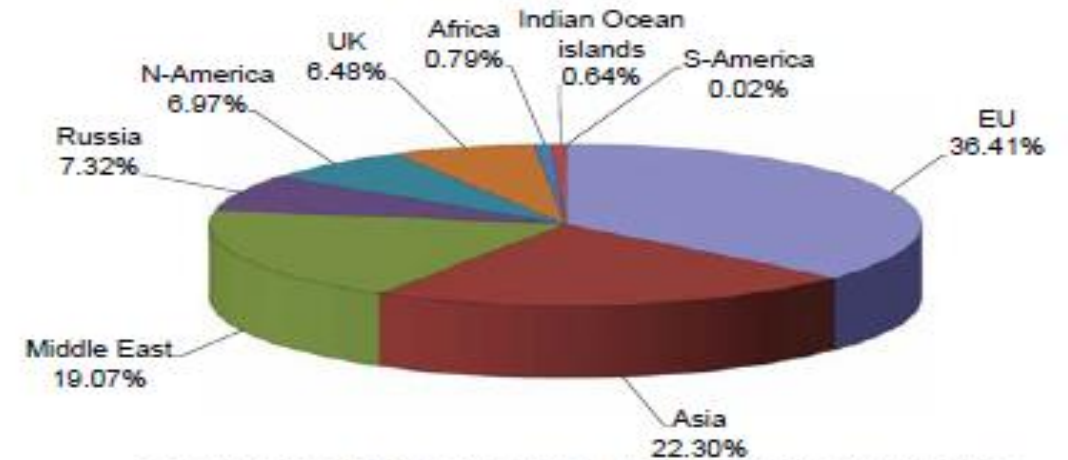
- Currently, there are **91** Accreditation Bodies that have joined the IAF Multilateral Recognition Agreement (MLA) recognising the equivalence of other signatories' accreditations to their own.

**Both the ILAC MRA and IAF MLA ensure the acceptance of products and services across national bodies.**

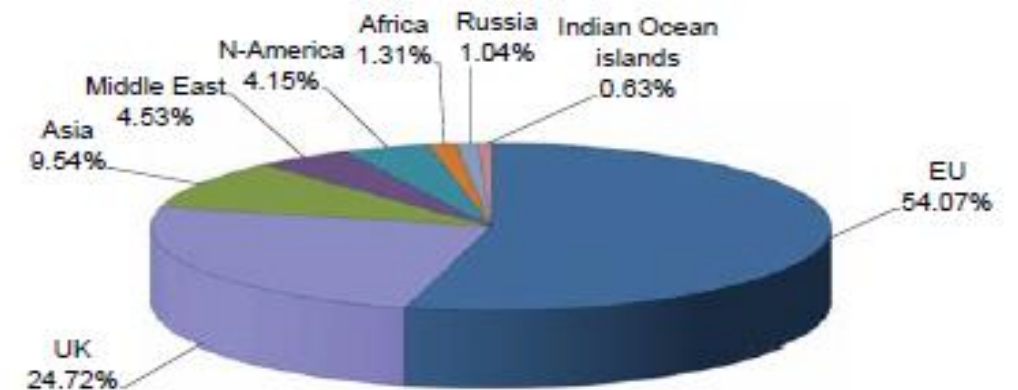




# MARKET ACCESS



ORANGES : PAST 5 YEARS - MAJOR DESTINATIONS



GRAPES : 2019/20 SEASON - MAJOR DESTINATIONS

- *Nutrient deficiencies*
- *Diagnosing plant culture problems*



- *Optimize crop production*
- *Protecting environment from contamination*



Soil analysis

ISO/IEC 17025  
ISO/IEC 17065

Good Agricultural  
Practices

ISO/IEC 17025  
GlobalGAP

# FARM TO FORK

- *To determine nutritional status*



**Leaf Analysis**

ISO/IEC 17025

- *Quality of water*



**Water testing**

ISO/IEC 17025  
ISO/IEC 17065



- *Maximum residue level (MRL).*
- *Chemicals used to control diseases must be registered in that country.*

## **Disease Control**

ISO/IEC 17025  
ISO/IEC 17065  
(GlobalGAP)  
OECD GLP



- *Physical-chemical testing.*



Physical –  
Chemical testing  
Toxicity testing

ISO/IEC 17025  
ISO/IEC 17021  
OECD GLP



- *Safety studies (residue studies).*



Residue testing  
Calibration –  
equipment

ISO/IEC 17025  
OECD GLP  
ISO/IEC 17065

# FARM TO FORK

- *Safety studies (residue studies).*
- *Maximum residue levels (MRL).*



- *Cold chain management*



Chemical testing  
(Residue)  
GlobalGAP

ISO/IEC 17025  
ISO/IEC 17065

Mechanical &  
Physical testing  
Verification

ISO/IEC 17025  
SANS 10330

# FARM TO FORK

- *Cold management*
- *Hygiene (swabs)*



- *Cold management*
- *Hygiene*



Temperature &  
Microbiological  
control

ISO/IEC 17025  
ISO/IEC 17021  
ISO/IEC 17065

Mechanical &  
Physical testing  
Verification

ISO/IEC 17025

# FARM TO FORK

- *Cold management*



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Temperature &  
Microbiological  
control

ISO/IEC 17025  
ISO/IEC 17021  
ISO/IEC 17065



- *Cold management*



Mechanical &  
Physical testing  
Verification

ISO/IEC 17025  
ISO/IEC 17021  
Verification 10330



# FARM TO FORK



Calibration  
Testing

ISO/IEC 17025

## FARM TO FORK SUPPLY CHAIN



Accreditation helps to increase access to goods and services of consistent and reliable quality and safety.

# FARM TO FORK



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Image courtesy of Hipp Organic Baby Foods



**Testing (ISO/IEC  
17025)**

**FSSC 22000**

**ISO 22000**





# FARM TO FORK



Thank you