



THE GLOBAL STANDARD
FOR LIVESTOCK DATA

Network. Guidelines. Certification.

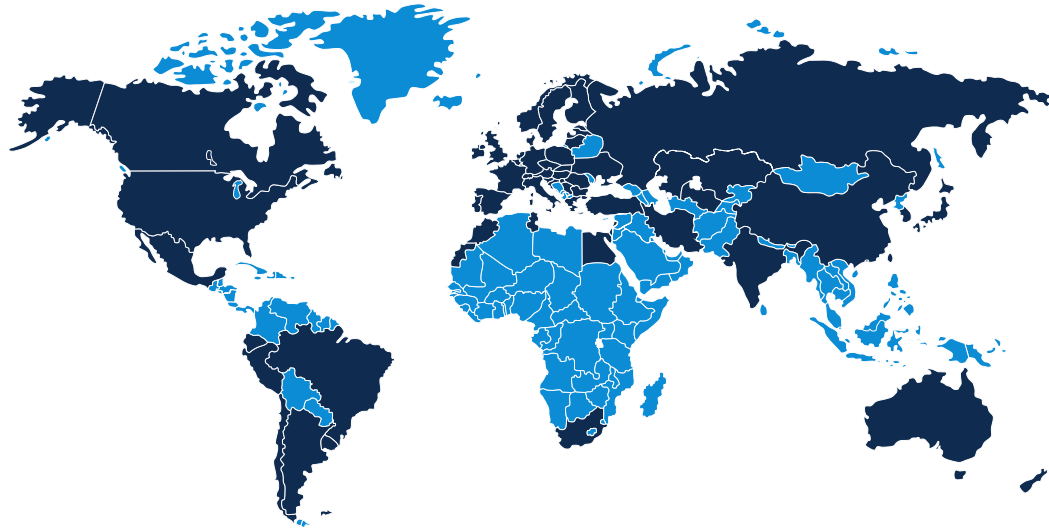
ICAR Animal Identification and Registration System (AIRS) – International Best Practices

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ICAR's members

ICAR has 112 members (82 Full members + 30 Associate members) in 59 countries



Countries (in dark blue) with at least one organisation as ICAR Member – for full list see www.icar.org

.....ICAR's 'why'...

ICAR is an international NGO that works with its members to provide global standards for livestock data.

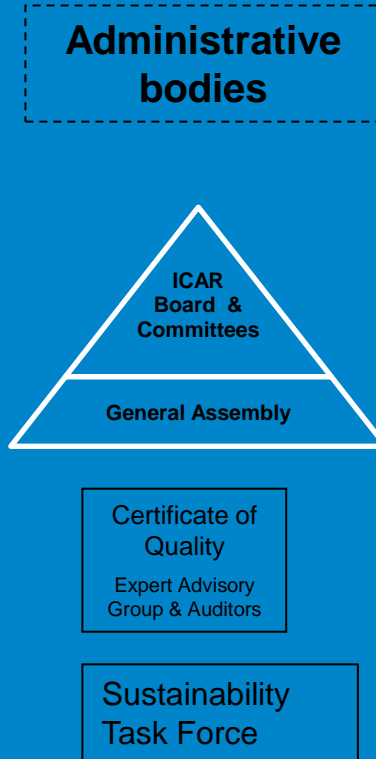
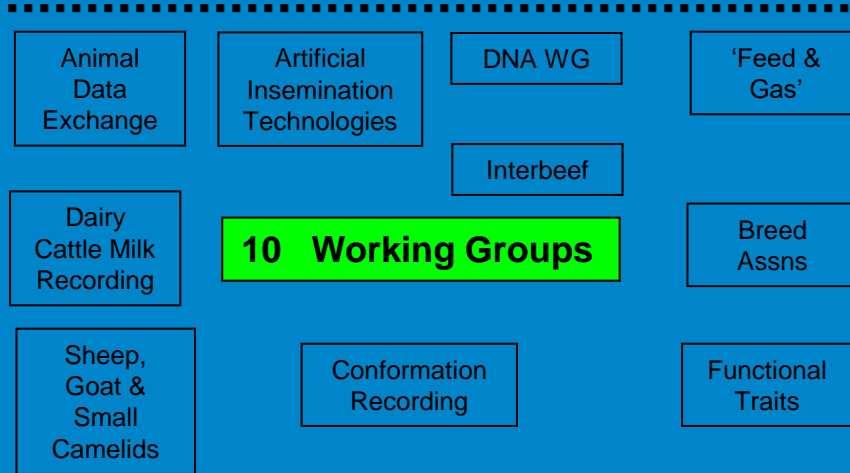
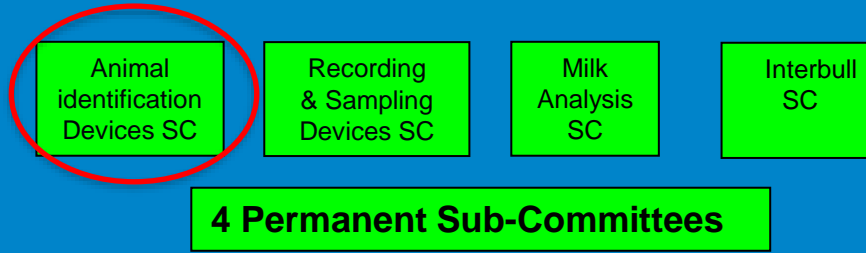
In this world's connected markets, ICAR independently helps to guide and secure quality of livestock related products, with guidelines and certification.

Introducing ICAR - Mission Statement

ICAR wants to improve the profitability, and sustainability of farm animal production by:

- Establishing and maintaining guidelines and standards for best practice in all aspects of animal identification and recording.
- Certifying equipment, and processes used in animal identification, recording and genetic evaluations.
- Stimulating and leading: continuous improvement, innovation, research, knowledge development, and knowledge exchange.

ICAR Current Technical Organisation



Traceability : Knowing food is safely produced and healthy to eat has always been a matter of vital importance.

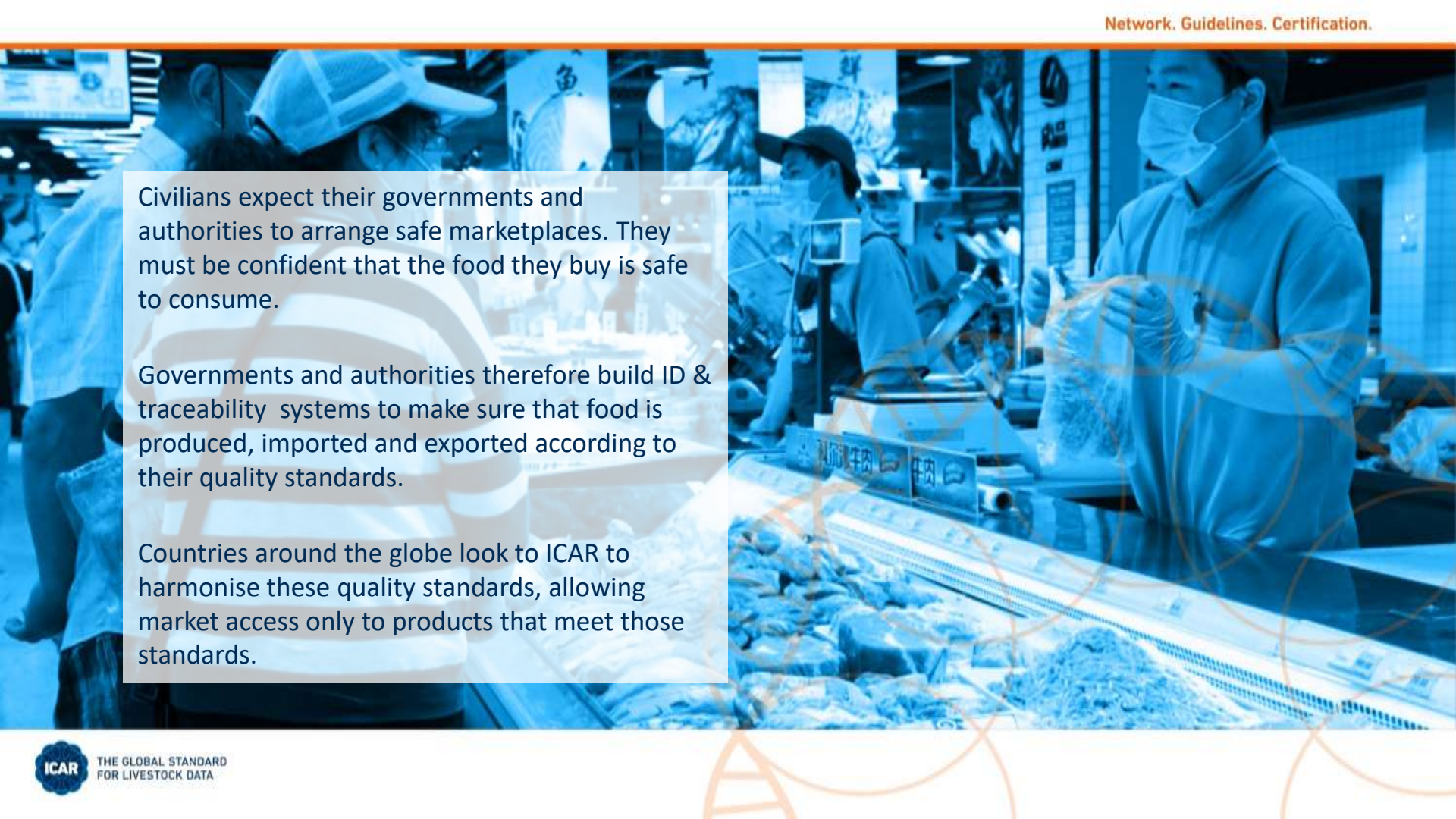


It's has been so down thru all times and ages.



Today's food chains are more advanced and complex than ever before. Food is produced in one place, processed in another and consumed at yet another location, crossing borders more than once.





Civilians expect their governments and authorities to arrange safe marketplaces. They must be confident that the food they buy is safe to consume.

Governments and authorities therefore build ID & traceability systems to make sure that food is produced, imported and exported according to their quality standards.

Countries around the globe look to ICAR to harmonise these quality standards, allowing market access only to products that meet those standards.

ICAR's runs a ISO registration service and an ICAR certification program for animal identification products such as ear tags.

ICAR only certifies products that meet high international quality standards.

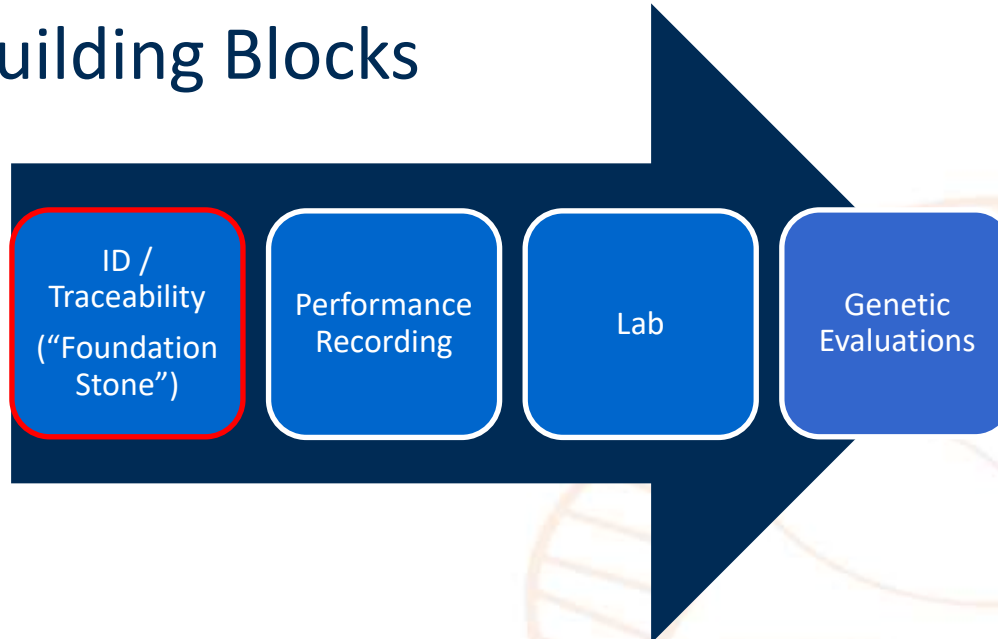
Ear tags are an essential infrastructural element in establishing traceability, tracing the origin of food all the way back to the farm. Traceability is a powerful tool to establish trust in the safety of food production systems.

Animal identification also plays an important role in disease control and animal welfare.



Certification:

ICAR's 4 Permanent SC's are the Building Blocks



Underpinned by each Member's National Central Livestock Database

All Guidelines accessible on www.icar.org

The screenshot shows the ICAR website interface. At the top, the ICAR logo and tagline "THE GLOBAL STANDARD FOR LIVESTOCK DATA" are visible. A navigation menu includes "ABOUT US", "TECHNICAL BODIES", "CERTIFICATIONS", "PUBLICATIONS", "GUIDELINES", and "MEETINGS". The "GUIDELINES" menu item is circled in red. Below the navigation, a red arrow points to the "Section 10 for ID" link in a list of guidelines. The list includes "Section 01 - General Rules", "Section 02 - Cattle Milk Recording", "Section 03 - Beef Cattle Recording", "Section 04 - DNA Technology", "Section 05 - Conformation Recording", and "Section 06 - AI and ET (Estrus and Fertility) Analysis". A search bar and social media links for Twitter and LinkedIn are also present on the right side of the page.

Section 10 for ID

ICAR's (Independent) Tag Test Service;

- Identification Tag Test and Certification
(Chair Animal ID SC : Jo Quigley Australia)



- ICAR and ISO have together developed test procedures, protocols and guidelines through which compliance of RFID systems with the ISO standards can be verified. (Section 10).
- Since 2007, ICAR is the Registration Authority for ISO in respect to ID devices conforming to ISO Standards 11784 / 11785.
- Working with our Industry stakeholders ICAR has introduced a QA system for ID, namely;

Certification, 5Yr Retest, DCN, Field Validation Services.



Since 1995, ICAR has independently lab tested nearly 550 livestock identification devices, granting certification only to products that meet strict criteria according to the ICAR and ISO standards. Testing criteria include; design and impact on animal welfare; tamper-proofness; resistance to ageing; accuracy in programming and electronic communication.

ICAR is now releasing a higher level of Certification: 'Field Sampling/Validation'

To help authorities and farmers select high quality products for their food production systems, ICAR in 2022 will add an advanced layer to its certification; **Field Sampling Validation**.

By sampling and testing product from the market over time, ICAR can quality assure products on a longer term basis.

Field validation is there to ensure that devices available in the markets remain compliant with the appropriate ISO and ICAR test protocols.

Manufacturers and products who comply with these sampling routines are rewarded with advanced certification by ICAR.





Summary of ICAR Certification Services to Members 2021

- ✓ ID Testing/Certification/Validation
- ✓ Recording & Sampling Devices Testing/Certification
- ✓ Milk Analysis Laboratory Proficiency Testing (PT)
- ✓ Milk Analysis Equipment Certification
- ✓ Genetic Analysis Laboratory Accreditation
- ✓ DNA Data Information Centre Accreditation
- ✓ Interbull / Interbeef Genetic Evaluations
- ✓ Certificate of Quality

For more see www.icar.org

Thank You !

Q&A