

ICAR

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What is ICAR

- International Committee for Animal Recording
- Non profit International non governmental organisation
- World wide organisation for :
 - Animal recording,
 - Animal identification,
 - Genetic evaluation



Missions

- Definition and standards for measurements and recording traits of economic importance
- Information to help member organisation to develop, operate and manage their business
- Promote benefits from recording activities and genetic evaluation, thereby increasing the demand for the services provided by the member organisations
- Provide member organisations with services:
 - International genetic evaluation (Interbull)
 - Certificate of quality
 - Hosting project of common interest
 - Benchmarking
 - Ring test for milk laboratory



History

- 1883, first dairy performance recording for Holstein cattle in USA
- 1895, first routine milk recording in Denmark
- 1923: first attempt to standardize internationally milk recording
- **1951: European Milk/Butter Recording Committee**
- 1968 : Starting evaluation of the precision of recording devices
- **1988 : merge ICAR + INTERBULL**
- 1990 : other traits for beef cattle, sheep and goats.
- 1995 : starting with animal identification
- **1996 : first international dairy evaluation for dairy traits**
- 1999 : new establishing of ICAR
- **2002 : INTERBEEF project**
- **2003 : daughter company for testing devices**
- **2004 : benchmarking service**
- **2006 : certificate of quality**



ICAR Relationships

- International Standard Organisation – ISO
- Food and Agriculture Organisation – FAO
- OIE – World organisation for animal Health
- European Union
- European Association for Animal Production - EEAP

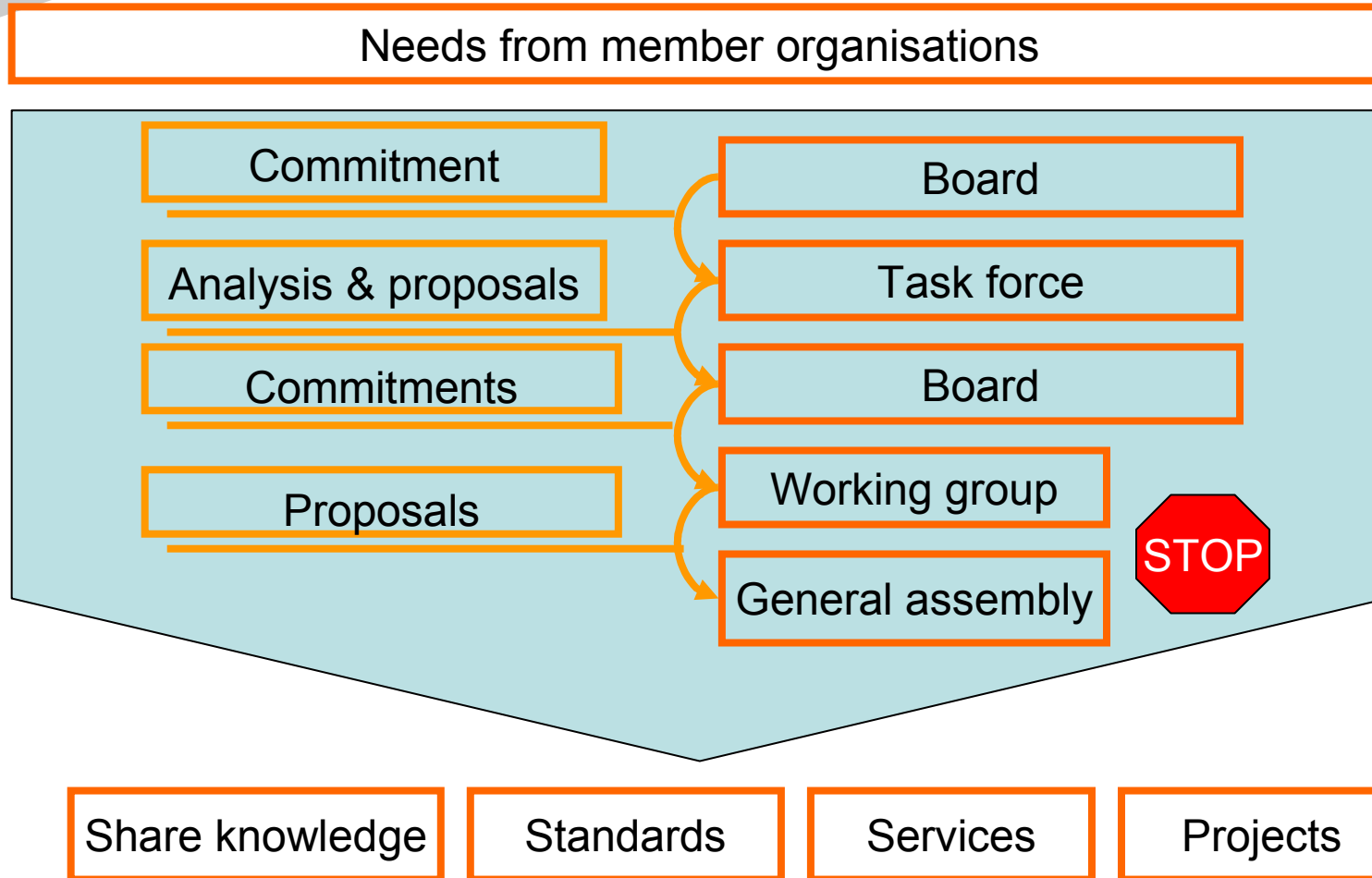


ICAR Today

- 70 full members from 45 countries.
- 10 associate members.
- ICAR manage its activities through:
 - 4 sub committees
 - 9 working groups
 - 6 task forces
- 100 technicians are working voluntarily.
- ICAR provide members with service through one subsidy company and three permanent subcontractors .



ICAR Process



ICAR Standards

- Standardized procedures for measuring traits
- Standardized rules for naming traits
- Standardized list of content
- Requirement for measuring and animal identification devices
- Standardized procedures for checking the compliance of the devices with the requirements
- Performance recording systems certification



Inetrbull process

Interbull – Center
Operated by Swedish Agriculture University

Sire id
Pedigree
 Dd_a
 Dd_B
 Dd_a

International
comparison

National evaluation



Interbull process

- Many times per year
- All major dairy breeds
- All major traits
- Many countries
- In addition to ICAR standard, it requires a high level for data standardisation



Conclusions

Why ICAR is a success story?

Can ICAR expand to other fields?

