

# International Committee for Animal Recording





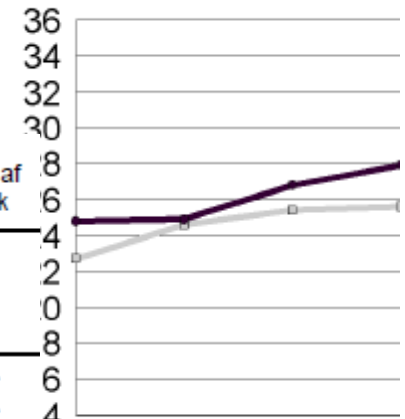
# What is ICAR

ICAR (International Committee for Animal Recording) is the World-Wide Organization for the Standardization of Animal Identification, Recording and Genetic Evaluation

# Where does ICAR work?



Celletal /1000	Kælvning Nr.	Dage fra	Kg EKM	Pct. af tank
Inficeret				
217	3	104	22,8	-
409	1	302	19,3	-
171	3	103	32,1	-
214	2	57	30,4	-
2.874*	3	27	24,3	3
197	2	39	33,2	-
241	2	147	29,3	-
249	2	300	27,9	-
108	2	267	26,7	-



AUG	SEP	OKT	NOV
5,95	5,73	5,85	6,1
3,88	4,02	4,07	4,1
0,65	0,70	0,70	0,7
93	95	92	94
0,18	-0,05	0,04	-0,01
18	14	7	1
17	13	7	1
12	7	4	1
168	175	179	1

M		
Køer	Golde	Mælk kg
177	12	20,7
46		22,6
26	5	15,9
47		24,9
58	7	17,9
173,6		7068

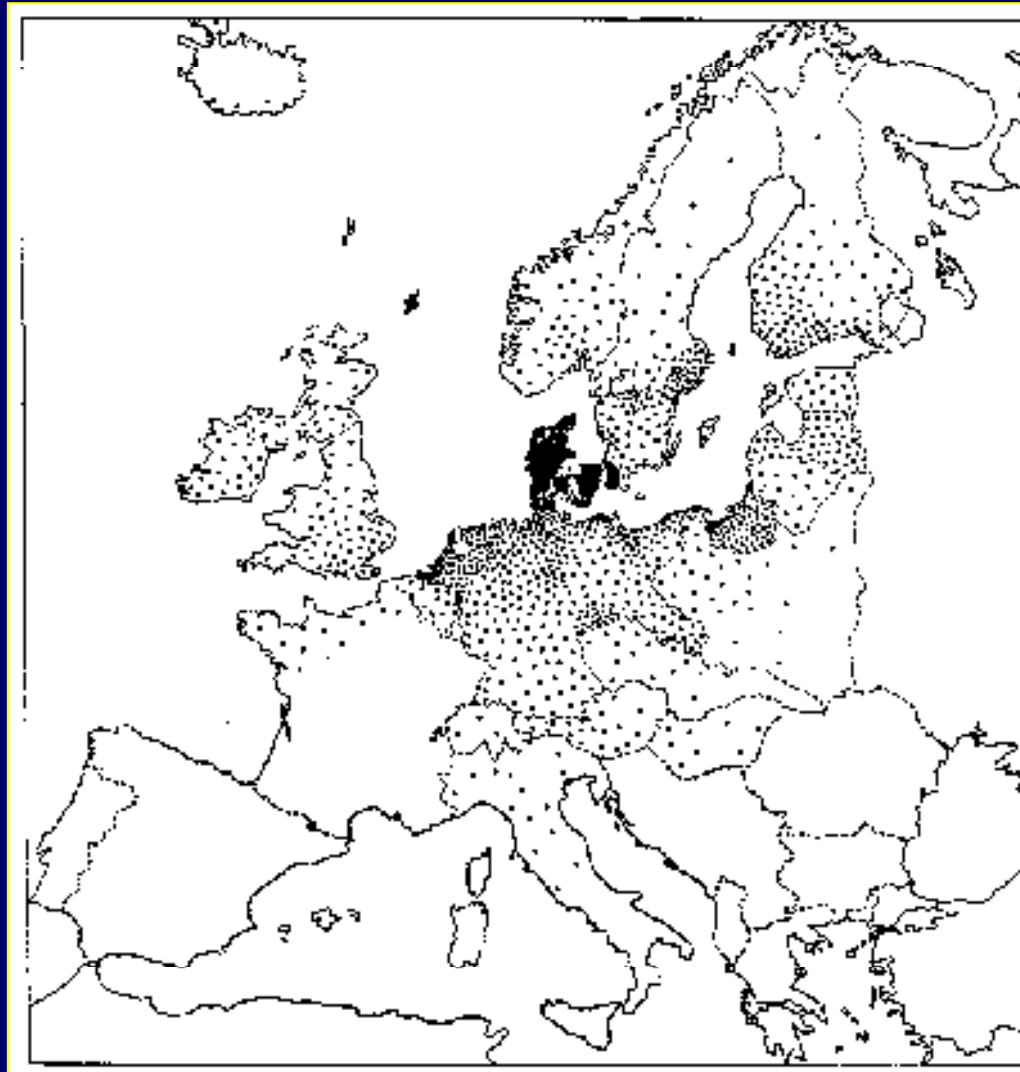


# ICAR History

- First Dairy Performance Recordings in USA 1883
- Early Attempt to Internationally Standardize Milk Recording in Europe 1923
- Foundation of the European Milk/Butter Recording Committee 1951
- Introduction of Computerized System '60s
- Interbull 1988
- Other Species early 90s
- Genomic application late '00s



# Recorded Dairy Cows in 1935



(1 point → 2,500  
Recorded Cows)



# Who do we work for?





# Missions of ICAR

## Activities:

- Identification
- Performance Recording (quantity and quality)
- Genetic Evaluation (Interbull)

## Species:

- Cattle (dairy and beef)
  - Sheep
  - Goats
- Buffalo
- Alpaca



# Missions of ICAR

Providing Information and Services to help its  
Member Organizations to Develop, Operate  
and Manage their Business

Promote Benefits of Identification, Recording  
and Evaluation

Increasing the Demand for the Services Provided  
by ICAR Member Organizations





# Guidelines and Standard

- Provision of Services
- Exchange of Information

through ICAR Member Organization can  
Work Together to Achieve Shared  
Objectives

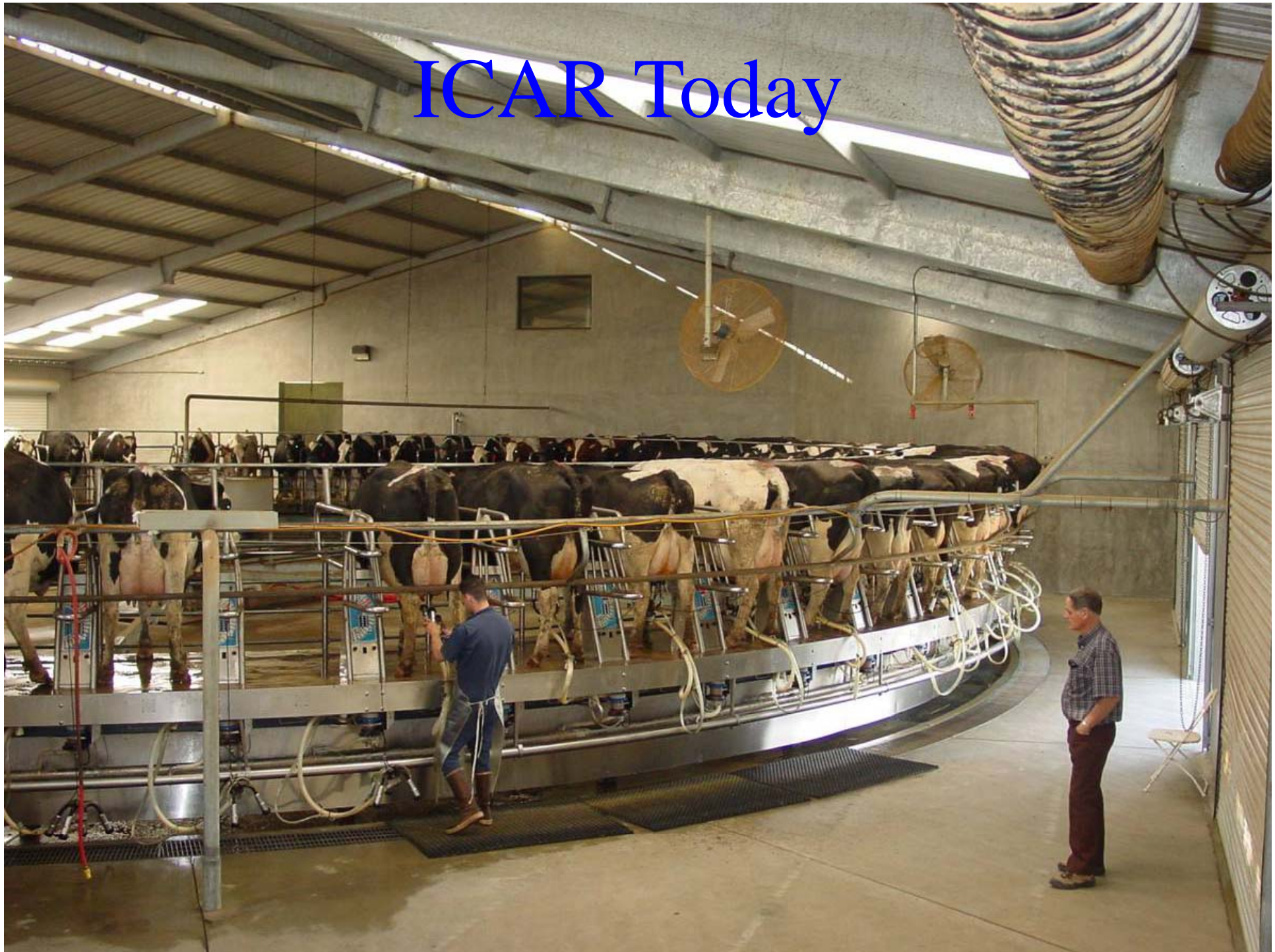


# Performance Recording Activities

*Minimum Requirements* to Ensure a Satisfactory  
Degree of *Uniformity* of Recording and  
*Maximum Flexibility* in the Choice of  
Methods

Recording Organization is **Free** to Determine its  
Particular Recording Methodology

# ICAR Today





# ICAR Today

ICAR today has 87 Member Organizations from 51 Countries

ICAR has 4 Sub-Committees and 12 Working Groups

About 100 Technicians work voluntarily to Fulfill ICAR Missions



# ICAR SubCommittee

- Animal Identification
- Interbull
- Milk Analysis
- Recording Devices





# ICAR Working Groups

- Lactation Calculation Methods
- Animal Data Recording
- Genetic Analysis
- Functional Traits
- Milk Recording in Goats
- Developing Countries



# ICAR Working Groups

- Milk Recording in Sheep
- Beef Recording and Evaluation
- Artificial Insemination and Relevant Technologies
- Conformation Recording
- Fiber Recording
- Parentage Recording



# What ICAR Provides



# Standards for Animal Industry

Technical Workshops

Exchange of Information

Networking

Technical Developments

International Representation and  
Lobbying Activities

Newsletter

Technical Books

International Genetic Evaluation

# Trying to Satisfy (almost...) all Requirements of our Members







# Additional Services

## Certificate of Quality

- Professional Quality Assurance Supervision to improve Activities and Certifies Quality of Services
- Different for species
- Different for Activities
  - Identification
  - Recording
  - Genetic Evaluation



# Additional Services to be revitalize

- ✓ PSAS (Patenting Sentinel and Action Service)
- ✓ Benchmark



# The Future





- Health and Welfare Traits
- Data exchange
- Improving efficiency
- Genomic application
- ...





# Thanks for Your Attention!



[www.icar.org](http://www.icar.org)