

	- Agenda -
8.30 :	Opening - Welcome - Round table for presentation Introduction : Composition and evolution of the network since 1996 (O. Leray)
8.50 :	ICAR AQA strategy and prospect for the network (O. Leray)
9.10 :	Information on quality assurance policy of ICAR and view on milk analysis aspects (A. Rosati)
9.30 :	Discussion
10.00 :	Break (coffee, tea, drinks)
10.20 :	Reference system - Principle and practice (C. Baumgartner)
10.40 :	Reference and calibration systems for routine milk testing - Advantages/Disadvantages, choice (O. Leray)
11.00 :	Example of national reference system and centralised calibration (J. High)
11.20 :	What is the required Accuracy of a Test related to Genetic Improvement (H. Wilmink)
11.50 :	Discussion - Conclusion of the meeting
12.20 :	Closure
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		Mer	nber	ship			
37 laboratory	mem	bers from 31 co	untri	ies :			
Arcontino	(II)	Austria	(1)	Palgium	(2)	Cuprus	(1)
Czech Republic	(1)	Denmark	(1)	Estonia	(1)	Finland	(1)
France	(1)	Germany	(1)	Hungary	(1)	Ireland	(1)
Israel	(II)	Italy	(i)	Korea	m	Latvia	(1)
Lithuania	(1)	The Netherlands	(1)	New Zealand	(1)	Norway	(i)
Poland	(1)	Slovak Repub.	(1)	Slovenia	(1)	South Africa	(3)
Spain	(1)	Sweden	(1)	Switzerland	(1)	Tunisia	(2)
United Kingdom	(2)	U.S.A.	(2)	Zimbabwe	(1)		
(n): number of	memt	per(s)					
among which :		37 members for cow					
			14 r	nembers for g	goat		
			13 r	nembers for s	heer		
					r		



























#### **Objectives**:

- 1- Definition & characterisation of appropriate analytical methods
- 2- Definition of minimum conditions of quality assurance (methods, samples, control)
- 3- Definition of a frame and a model for harmonising and structuring AQA
- 4- Definition of tools to achieve lab harmonisation and establish analytical traceability

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## First period of implementation (1994-2006)

#### <u>Completion of the first objectives of Ottawa :</u>

1- <u>Definition & characterisation of appropriate analytical</u> <u>methods</u>:

 $\Rightarrow$  IDF/ISO standardisation (revision & creation : F, P, L, urea, SCC, sheep & goat)

 $\Rightarrow$  ICAR protocol for the evaluation/approval of routine methods (2002)

 $\Rightarrow$  Approval process implementation (July 2006)

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## First period of implementation (1994-2006)

#### Completion of the first objectives of Ottawa :

- 2- Definition of minimum conditions of quality assurance (methods, samples, control) :
  - $\Rightarrow$  Guidelines for QA in milk recording analysis:
    - Circulation for use in 1998
    - revision in 2006
    - publication in ICAR guidelines in 2006

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## First period of implementation (1994-2006)

#### **Completion of the first objectives of Ottawa :**

- 3- Definition of a frame and a model for harmonising and structuring AQA (1996):
  - $\Rightarrow$  International network of reference laboratories
  - $\Rightarrow$  National routine lab monitoring by reference laboratories
  - ⇒ List of competence = Missions (suggested) = Eligibility criteria to the network

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## First period of implementation (1994-2006)

#### Completion of the first objectives of Ottawa :

- 4- <u>Definition of tools to achieve lab harmonisation and</u> establish analytical traceability:
  - $\Rightarrow$  Proficiency testing schemes :
    - Standard protocol and standard data treatment (from 1996)
  - ⇒ Reference materials: (publ. in ICAR Session proceedings) - Recombined milk samples for calibration or control for
    - composition (MIR) and SCC (Leray, 1990, 1996, 1998)
    - Long term preservation by deep-freezing (Baumgartner, 2004)

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## Second period of implementation (from 2006)

#### 1- A new way of life for national organisation?

ICAR QA policy oriented towards Quality Certificates and Special Stamp granting

Thus for milk analysis and laboratories

strengthening and formalising involvement of ICAR national organisations in AQA

since then ...

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# Second period of implementation (from 2006)

#### Whereas

- First period = Invitation to ICAR members to enter the AQA system proposed by ICAR and use it for own QA system (accreditation)
- Second period = Incitation to ICAR members to follow ICAR guidelines and take part regularly in laboratory network proficiency testing as prerequisite to benefit of ICAR quality certification

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## Second period of implementation (from 2006)

⇒ Nomination : Every dairy country of ICAR should nominate a minimum of one laboratory so as to enable linkage between national and international levels

⇒ Harmonisation & traceability : Every dairy country of ICAR should involve a minimum of one laboratory in each trial of the two-yearly ICAR proficiency testing scheme so as to establish the effective consensual analytical truth for ICAR

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# Second period of implementation (from 2006)

## 2- Enhancing harmonisation in laboratory practices = Improvement of the toolbox

 $\Rightarrow$  Standard protocols (guides) for reference laboratories :

- Proficiency testing : Harmonised protocol to enable comparison between countries
- Centralised calibration : Guide for experimentation, elements of decision and calibration samples, organisation & implementation

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## Second period of implementation (from 2006)

#### **3- Developing AQA services to laboratories :**

- ⇒ Service ICAR : (Hypothesis of work) Recipient/intermediate for analytical service requests of ICAR members (e.g. analytical information, teaching, auditing, reference materials, etc) and orient them to specialised organisations ⇒ list of service suppliers on the web site and internet links.
- $\Rightarrow$  ICAR ref lab network : Characterisation of RMs (reference values) in a Reference system.

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## Second period of implementation (from 2006)

#### 4- Optimising networking :

 $\Rightarrow$  Searchable data base on laboratories in ICAR website :

1- Presentation of the members ICAR Reference Laboratory Network.

2- Possibility for a complete presentation of routine laboratories in ICAR member countries through individual web spaces dedicated to countries in connection with the network member list.

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### Conclusion

The AQA system of ICAR is a major topical tool and will keep being in the future

since milk recording and genetic evaluation are international issues today.

Its maintenance and development rest an issue for ICAR.

With this respect, new objectives can be proposed to MTL WG for the next years.

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# Thank You for your attention !

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