

FGE QMS :
a multi companies system,
to serve a community
based on ISO 9001 standard



Laurent Journaux,
Auckland, ICAR
10th February 2018

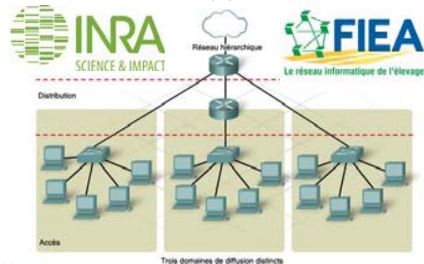
An organization by functions within the genetic improvement process



LIBERTÉ • ÉGALITÉ • FRATERNITÉ
RÉPUBLIQUE FRANÇAISE
MINISTÈRE
DE L'AGRICULTURE
DE L'AGROALIMENTAIRE
ET DE LA FORÊT



Supports



88



CNBL
Comité National Brebis Laitières



CNBL
Comité National Brebis Laitières

48

Parentage recording

Performance recording

Breed management

National tasks

Computation of BV

Publication BV

Genetic progress

Use

Natural mating

Artificial insemination

Creation

AI companies

Breeders

49



CNBL
Comité National Brebis Laitières

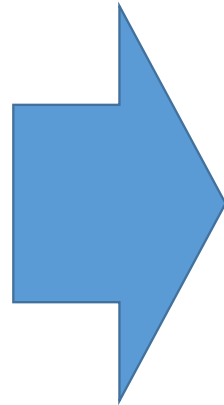
58

9

The challenge of quality management

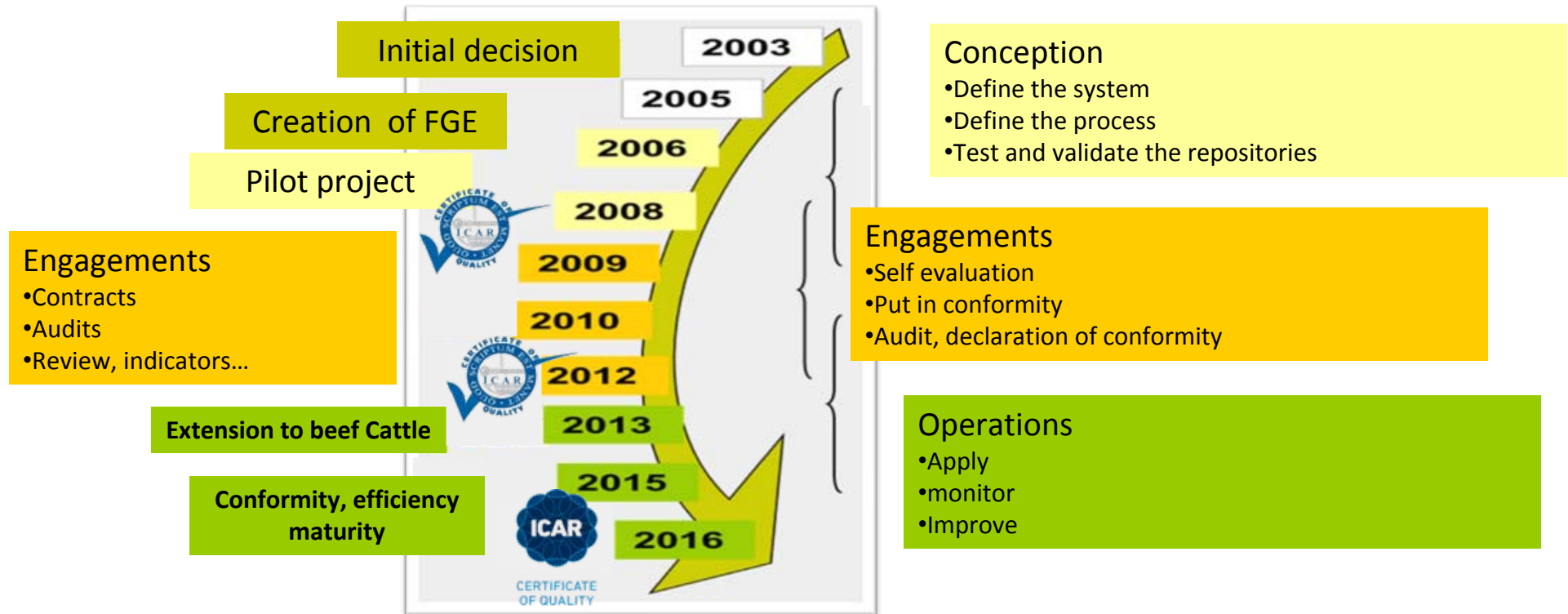


- At the beginning of 21th Century
- How to manage and improve the quality of this complex system ?
- To increase
 - The confidence between the actors
 - The confidence of the client :
 - breeders and final users of breeding values
 - Interbull
 - ...

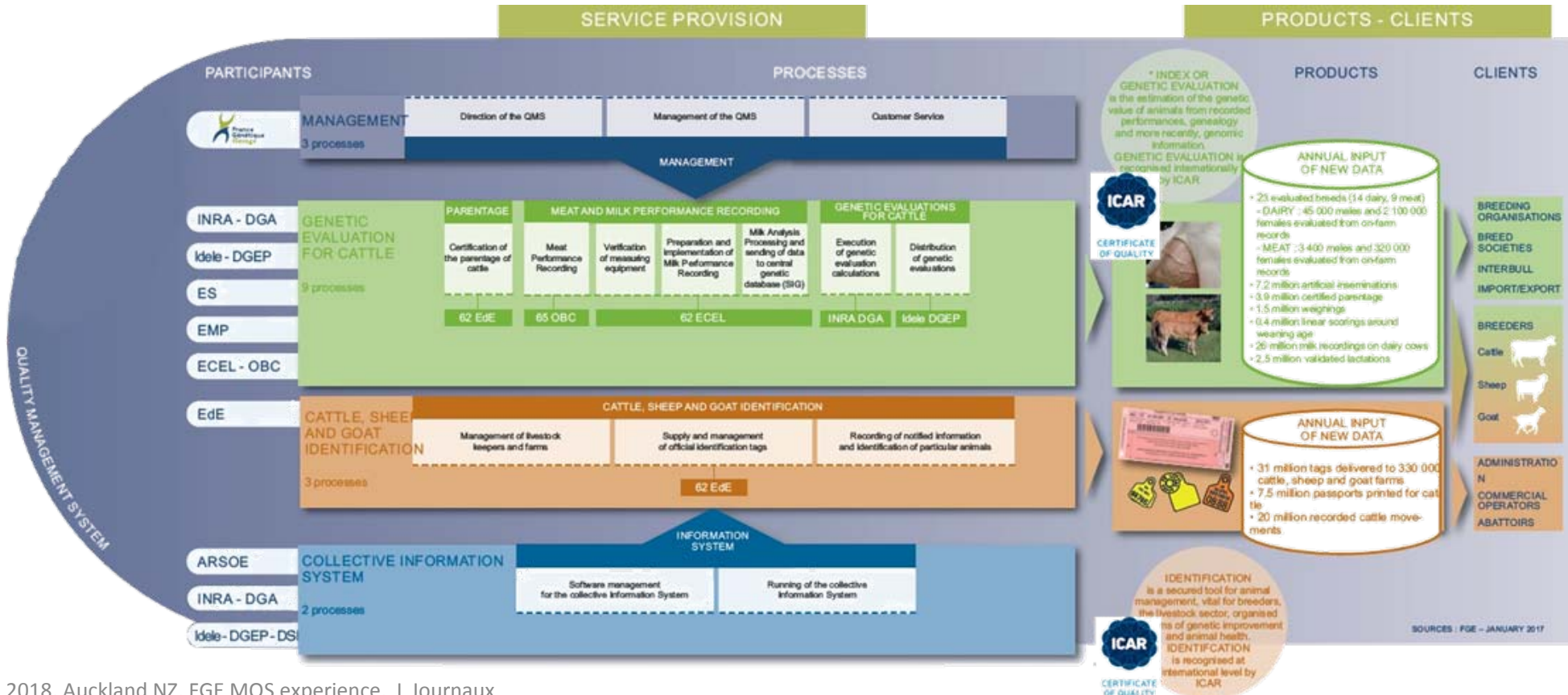


Iso 9001
standard
adapted
to multi
companies
organization

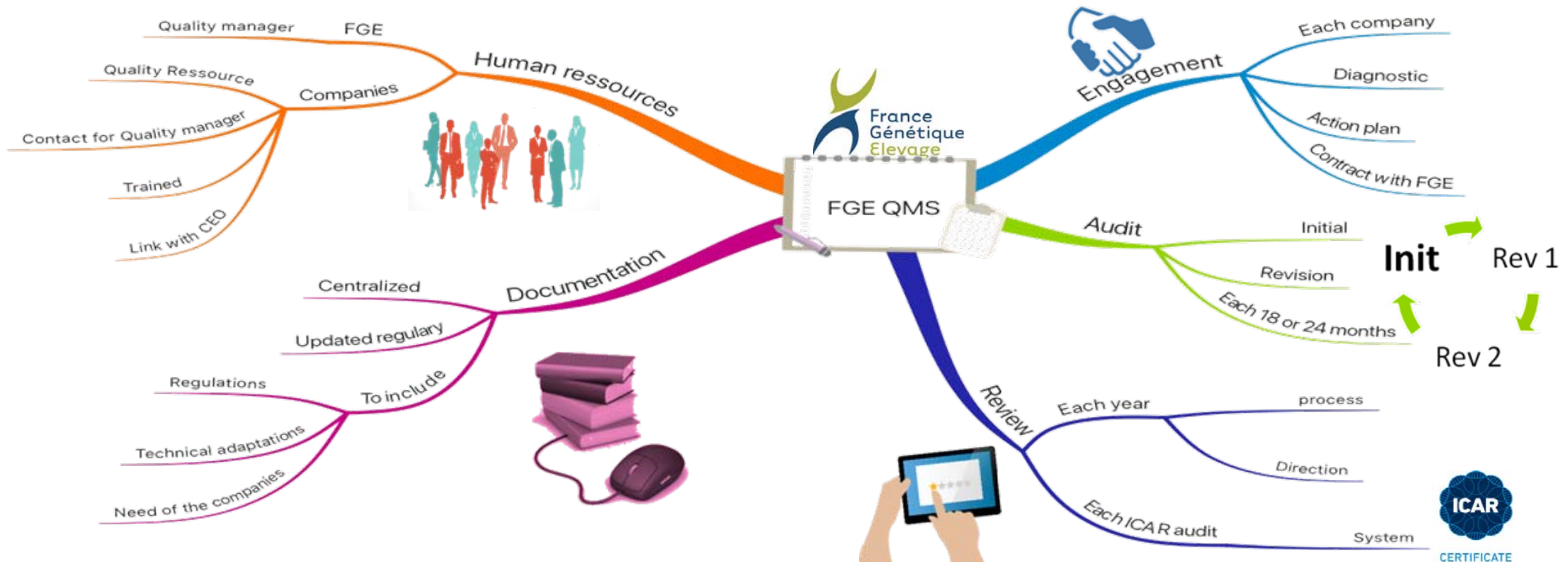
A long way to build and deploy it



Today : a mature system



Organization of FGE QMS



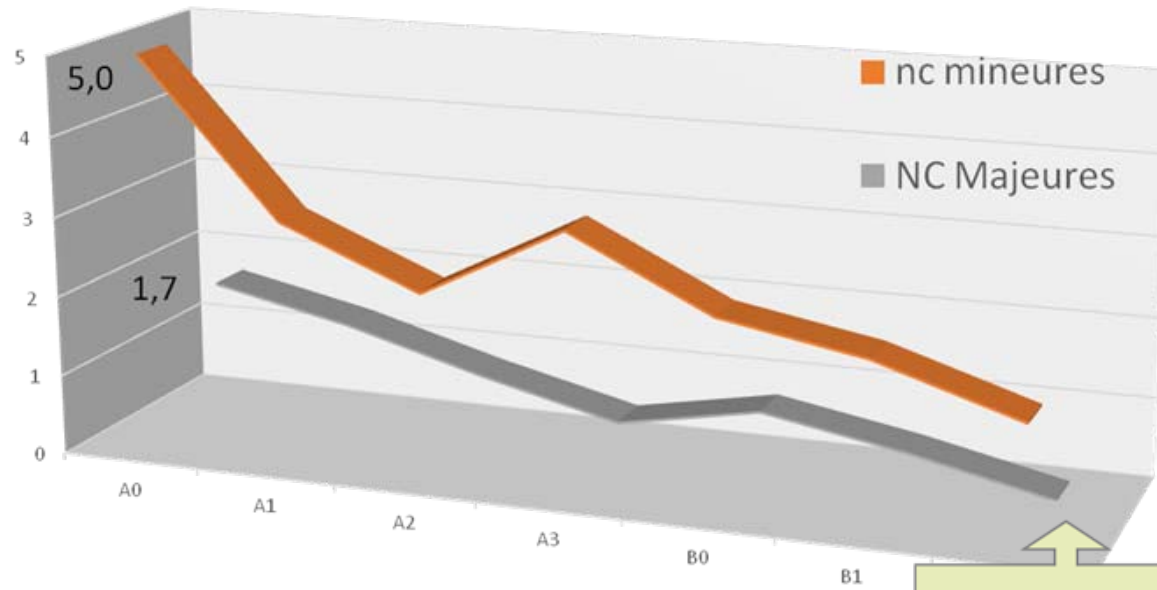
An effective improvement



On a cycle of audit
6 years long

→ Number of gaps
divided by 2

Non conformity detected



All activities
660 audits
182 companies

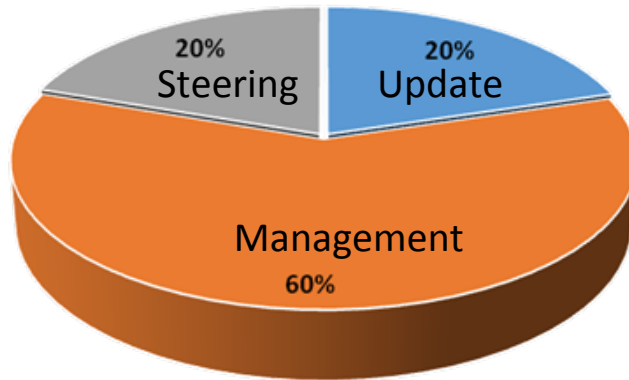
In Average per audit:
0.4 major NC
2.1 minor nc

No more major
non conformity

Controlled costs



Cost = 350 k€/year



	Total cost	Cost / company	Financed by
Conception of process and organization (investment)	790 k€ (10 years investment)	≈ 4 000 €	Collective funds
Initial Audit		≈ 2 000 €	Company
Total of management at national level		≈ 1 800 €/year	FGE
Quality ressource		≈ 9 000 €/year	Company
Audit		≈ 1 000 €/year	

Added value considering ISO 9001 Standard



- ▶ Sharing of quality policy
- ▶ Clarification of the responsibilities
 - ▶ Between companies inside the system
- ▶ Compatible with internal ISO 9001 QMS of the companies
- ▶ A French genetic organization more readable abroad

Power of a multi companies QMS



- ▶ Access to QMS culture and tools for small companies
- ▶ An easier production and management of documentation
- ▶ An annual process assessment
 - ▶ To manage the functions
 - ▶ With the opportunity of benchmark between companies for the same function
- ▶ Increase the confidence between the different families in the frame of very complex activities
- ▶ Training effect on CEO of companies to adopt QMS

Indirect added value



- ▶ Merge between companies is facilitated
 - ▶ By sharing the same culture of the work
- ▶ Better management of contractors used by several companies involved in the QMS
- ▶ Pooling of the cost
 - ▶ Comparison for a company of 20 employes
 - ▶ Investment divided by 2.5 (8 k€ vs 28 k€)
 - ▶ Operational costs divided by 2 (12 k€ vs 23 k€)
- ▶ Easier to obtain the ICAR certificate of quality

Limits or difficulties



- ▶ A long period to build the system
 - ▶ 3 year for each activity
- ▶ The current QMS doesn't cover all the activities
- ▶ The customer orientation is difficult to formalize
 - ▶ In place inside each company
 - ▶ Difficult to consolidate at FGE level

Conclusion



- ▶ This organization produced great results in the improvement of the quality of identification system and for the estimation of breeding value
- ▶ Nowadays a large number of companies integrated QMS as a management tool
- ▶ Will produce an advantage when negotiating the current changes of organization with the implementation of EU zootechnical regulation (*dead line 01/11/2018*)



Thank you for your attention

