

## **Interests of Quality management System implementation by France Genetique Elevage with 60 local organisations for parentage certification**

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# CONTENTS

1. The French organization for bovine genetic progress: FGE
2. Implementation of Quality Management System (QMS)
3. QMS monitoring
4. Management of the global system
5. Outcomes
6. Benefits of the approach
7. Prospects for the future

# I. FRANCE GENETIQUE ELEVAGE

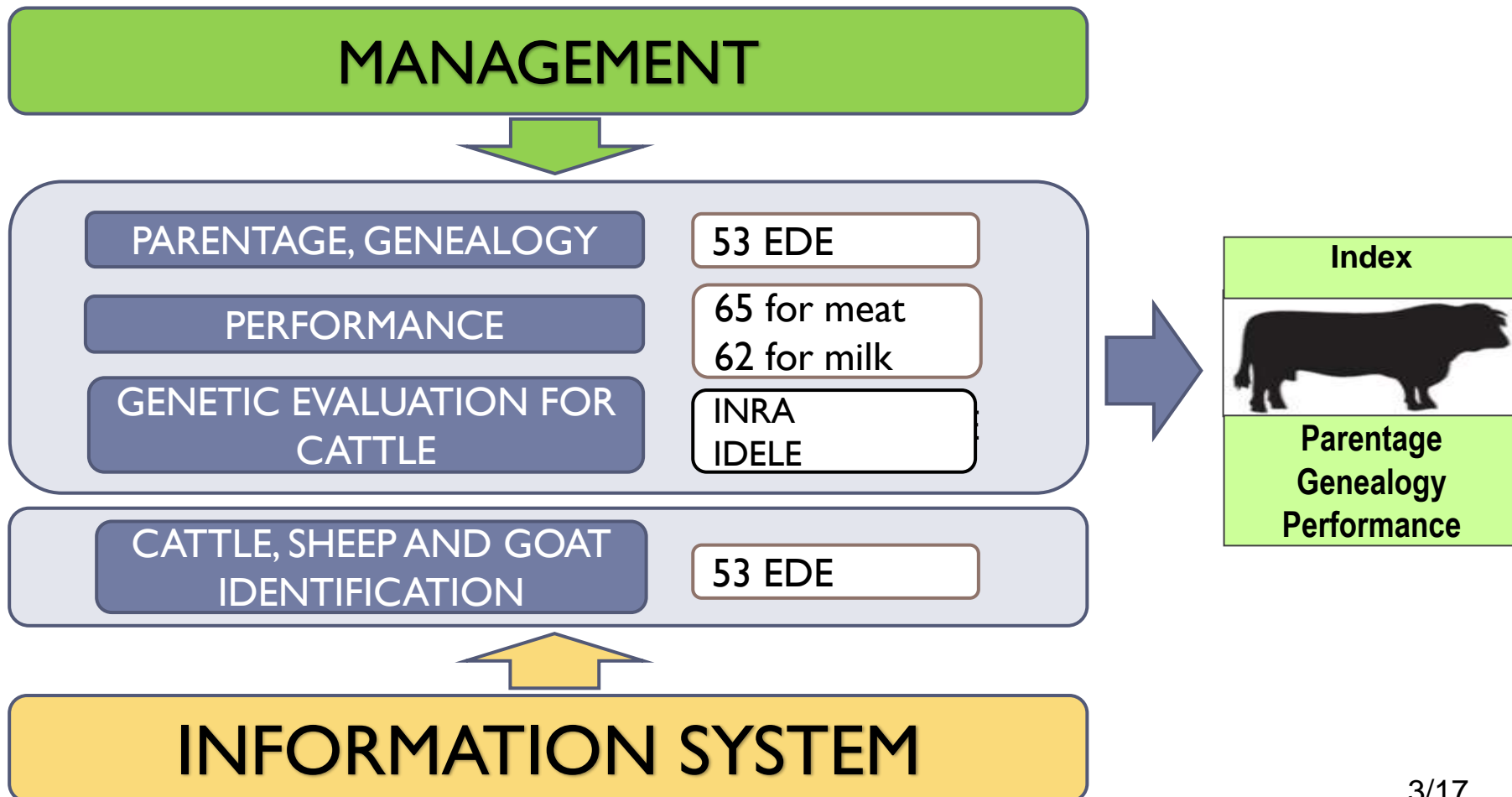


- ▶ Interprofessional association of French organizations which contribute to the animal genetic progress.
- ▶ Activities represented in the common Quality Management System (QMS):
  - ▶ Cattle, sheep and goat identification
  - ▶ Parentage certification of bovines
  - ▶ Record of meat and milk performance
  - ▶ Genetic evaluations for cattle
  - ▶ Information system

# I. FRANCE GENETIQUE ELEVAGE



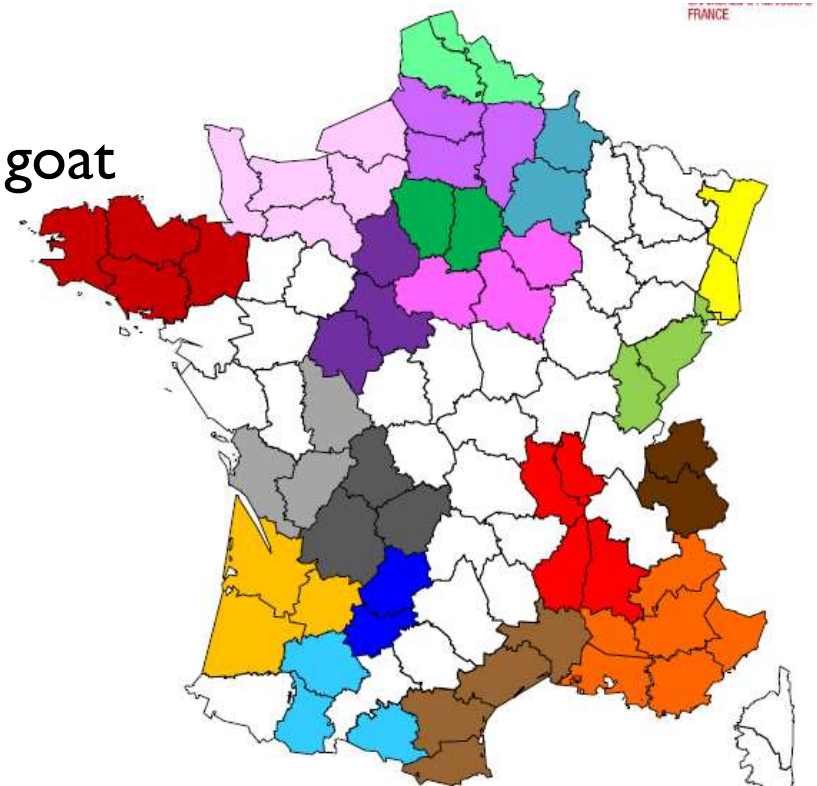
- ▶ A common QMS in accordance with ISO 9001



# I. FRANCE GENETIQUE ELEVAGE



- ▶ Parentage certification:
  - ▶ 53 local agencies called EDE
  - ▶ Members of FGE
  - ▶ In charge of:
    - ▶ Identification of cattle, sheep and goat
    - ▶ Parentage certification of cattle



# I. FRANCE GENETIQUE ELEVAGE



- ▶ **Parentage certification in France:**
  - ▶ Open to all breeders and all cattle breeds.
  - ▶ Voluntary approach linked to compulsory calve birth declaration.
  - ▶ The same process to all bovines, regardless of the breed.
  - ▶ The parentage certification is based on informations given by breeder and the record of all fecondation events before the birth.
  - ▶ National rules decided by FGE.

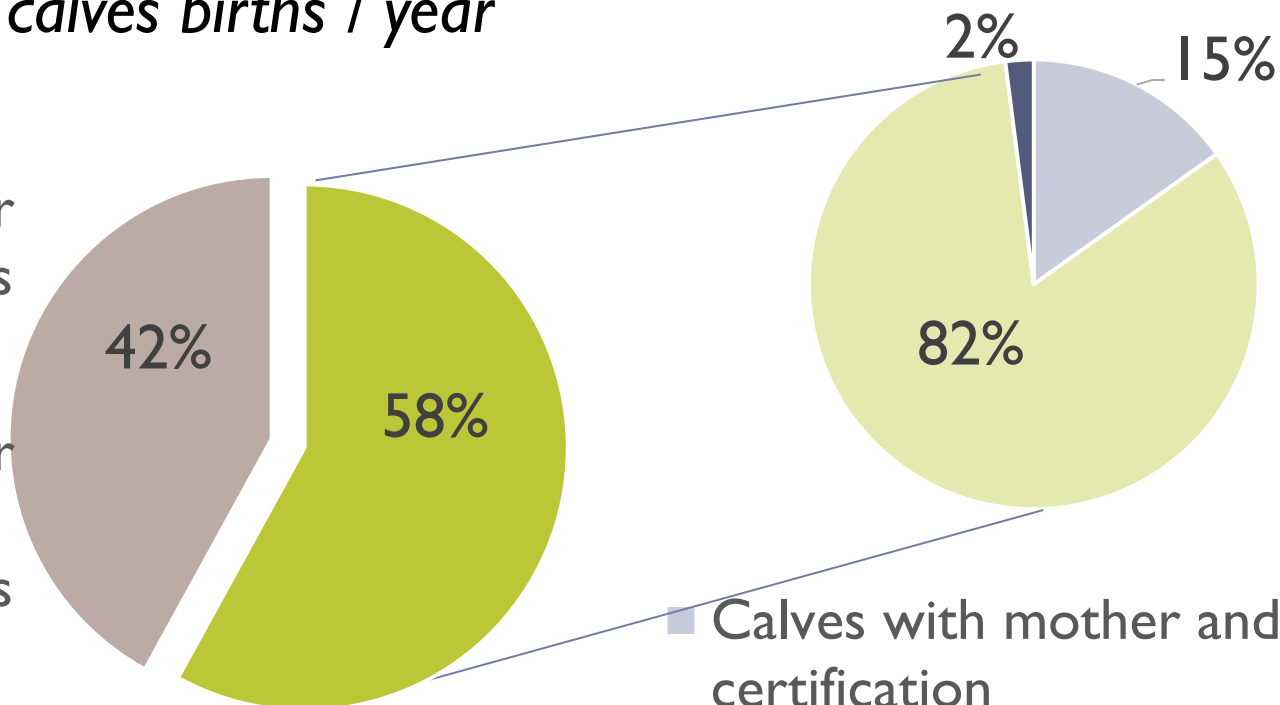
# I. FRANCE GENETIQUE ELEVAGE



## ► Parentage certification in France:

*7 350 000 calves births / year*

- Calves births for members
- Calves births for non members



- Calves with mother and father certification
- Calves with mother certification
- Calves without certification

# I. FRANCE GENETIQUE ELEVAGE



## Objectives of the QMS for EDE:

- ▶ Define practical implementation of Regulation
- ▶ Apply and control the methods
- ▶ Secure the quality service for customers (breeders, global genetic organizations, the State)
- ▶ Improve the operation



## 2. QMS IMPLEMENTATION



- ▶ **Differents steps:**
  - ▶ Individual commitment signature between FGE and EDE
  - ▶ Joint drafting of professional framework by EDE and Idele, approved by FGE
  - ▶ Training of a quality specialist in each EDE by FGE
  - ▶ Professional framework application for each EDE
  - ▶ Internal audit assessment

## 3. SMQ MONITORING



- ▶ Internal audits every 18 months to assess:
  - ▶ Application and mastery of professional framework
  - ▶ Implementation of actions for correction and improvement
  - ▶ Performance of the system



← 5 years maximum between two conformity declarations →

A0, B0: complete audit

A1, A2: partial audit

DC: conformity declaration

# 3. SMQ MONITORING



- ▶ Indicators:
- ▶ Yearly calculation from French data base
- ▶ Given to each EDE to monitor their activities

Année : 2014  
EdE de Bretagne

			National			EdE de Bretagne		
			cible	moyen 06	nb EdE hors cible 2014	2012	2013	2014
<b>Informez les nouveaux naissances de leurs engagements</b>								
11.2	% engagements signés pour les nouveaux adhérents entre le 1/1/2013 et le 31/12/2014 nb de nouveaux adhérents entre le 1/1/13 et le 31/12/14 : 7 311	≥95%	96.3%	10	91.2%	96.5%	92.7%	
<b>S'assurer du respect des engagements des adhérents</b>								
12	% naissances notifiées dans les 7 jours nb de naissances : 590 777	≥90%	94.8%	14	98.1%	98.5%	98.3%	
13.1	% « Conditions de Naissance » notifiées nb de parentés certifiées : 585 274	≥95% ≥95.5%	98.5%	21	98.8%	98.8%	98.8%	
13.2 bis	% "Tours de Naissance" et/ou "Tour de Pâturage" notifiés en races allaitantes indiquées nb de parentés certifiées races allaitantes indiquées : 44 832	≥90% ≥95%	97.8%	20	95.8%	98.3%	94.4%	
13.3	% éleveurs qui notifient au moins 2 "Conditions de Naissance" nb éleveurs (+ 10 naissances) : 11 465	≥90%	92.7%	20	95.3%	98.2%	95.8%	
13.5	% éleveurs qui notifient au moins 5 TP ou 5 PN (races allaitantes indiquées : + 10 naissances) nb éleveurs de races allaitantes indiquées (+ 10 naissances) : 1 095	≥90%	88.5%	27	74.3%	75.1%	75.4%	
<b>Respecter les règles nationales de certification</b>								
15.1	% parentés certifiées avec le résultat de la fondion du DGD nb de parentés certifiées : 690 835	≥95%	99.7%	0	98.9%	98.8%	98.8%	
<b>Vérifier le bon fonctionnement du processus de certification</b>								
16.1	% veaux avec une parenté MATERNELLE certifiée nb naissances chez les adhérents : 715 839	≥95% ≥95.5%	98.3%	4	98.8%	98.7%	98.8%	
16.2	% veaux avec une parenté PATERNELLE certifiée nb naissances chez les adhérents : 715 839	≥90%	92.7%	19	94.7%	95.2%	95.0%	
<b>S'assurer de la fiabilité des informations certifiées</b>								
17	% entraxes prélevés nb entraxes à prélever : 332	≥75%	85.7%	11	93.0%	93.8%	93.0%	
18	% parentés compétibles nb résultats exploitables : 298	pas de cible EdE	92.5%	-	96.2%	95.8%	93.8%	
<b>Indicateur Synthétique de Performances - ISP</b>								
19F	% indicateurs dans la cible ou proches de la cible nb indicateurs : 10 (tous sauf 18)	≥75%	91.3%	4	90.0%	93.0%	88.0%	

■ Réalisé si l'indicateur dans la cible  
■ Réalisé si l'indicateur proche de la cible

■ Réalisé si l'indicateur éloigné de la cible  
■ Réalisé si l'indicateur très éloigné de la cible  
-/- Indicateur non notifiés à l'EdE

## 4. MANAGEMENT OF THE GLOBAL SYSTEM



### ▶ Annual review of the process:

Participants: representatives of EDE, FGE, herdbook and performance recording organizations.

### Content:

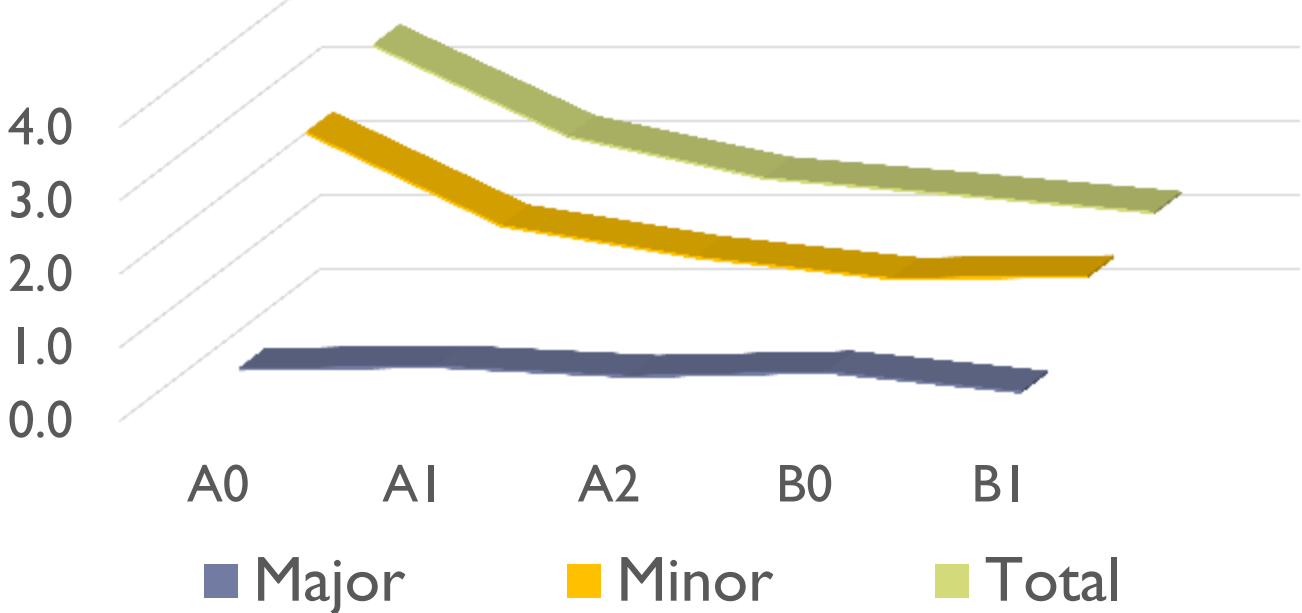
- ▶ Assessment of the national action plan from previous year
- ▶ Analysis of audits results
- ▶ Analysis of non-compliance, claims, customers expectations
- ▶ Indicators results
- ▶ Context evolutions
- ▶ Action plan for the next year



# 5. OUTCOMES

► Non compliance decreases

*Number of non compliances evolution per EDE between each audit*

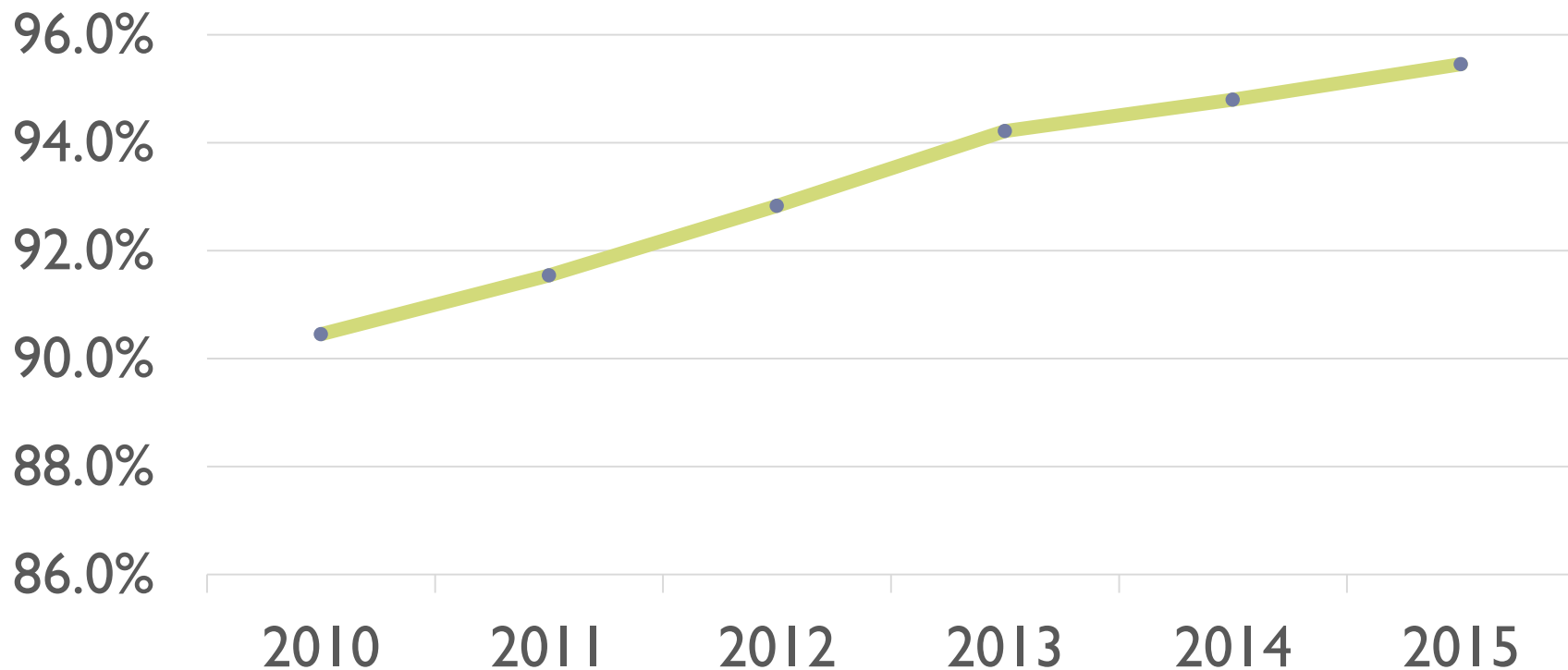




## 5. OUTCOMES

### ► Improvement of indicators results

*% of births declared in 7 days*

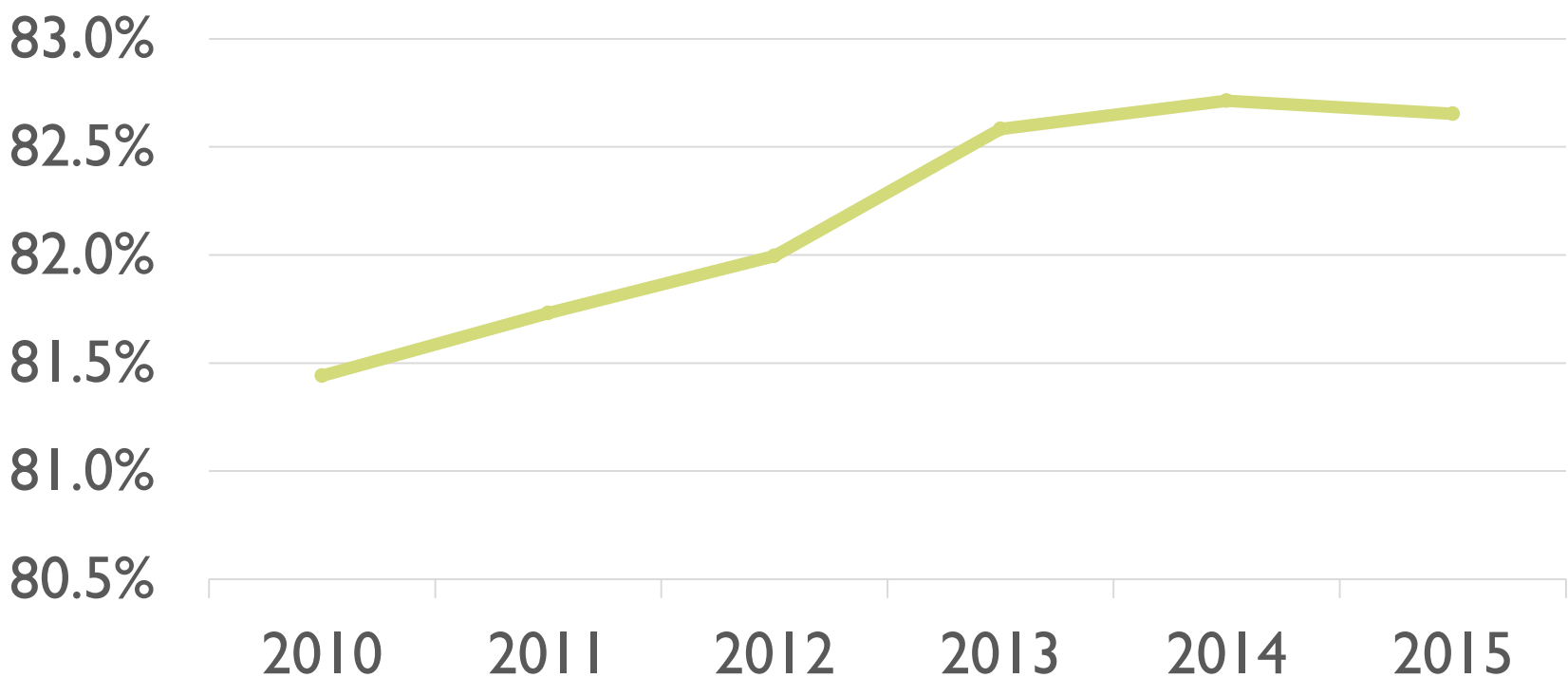




# 5. OUTCOMES

## ► Improvement of indicators results

*% of calves with mother and father certification*





## 6. Benefits of the approach

- ▶ Homogeneous practices of parentage certification in France
  - ↪ Better genetic evaluations
  - ↪ Easier merger between organizations
- ▶ Performance improvements
- ▶ Handling of customers needs:
  - ↪ Fast adaptation
- ▶ Transparency of the system
  - ↪ Trust
- ▶ Study of the context
  - ↪ Fast adaptation. Example: Since 2015, using SNP analysis results to certify parentage with national rules



## 7. PROSPECTS FOR THE FUTURE



The management quality system for parentage certification will be a very important tool:

- to integrate regulations evolutions (European zootechnical regulation) and to meet new customers' demands
- to integrate technical evolutions
- to guarantee the reliability of information in this new context



Thanks for your attention