



Case of brucellosis in bovine, *Brucella abortus*

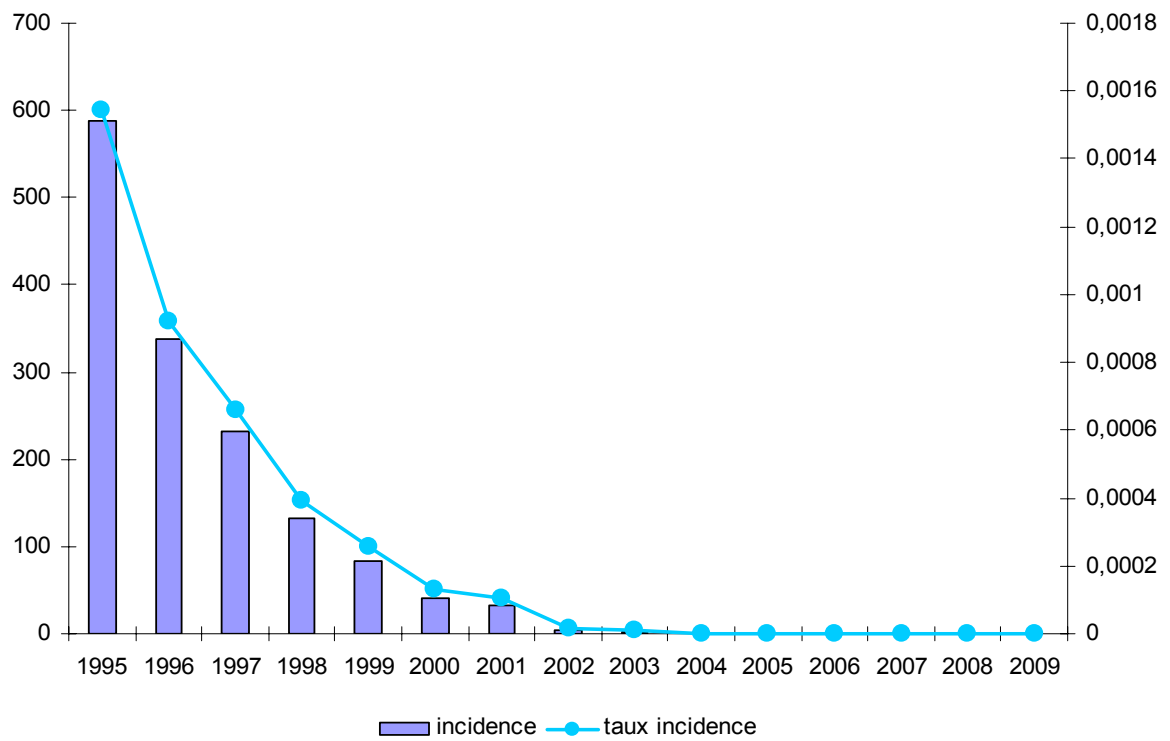
*Pas-de-Calais & Seine-Maritime,
France*

Health situation in France



Summary of health situation

- Last outbreaks in 2002 (cattle) and 2003 (sheep)
- France officially free in cattle since 2005
- ↪ **Case with *B. melitensis* in Haute-Savoie, April 2012**
- ↪ France officially free in small ruminants in 64 *départements*



Incidence and incidence rate in cattle

Chronology (1/3)

- ★ **09/03/12: Information from the Belgian authorities = consignments to France from an infected farm**
- **4 consignments – 4 certificates**
- Dispatch in **2** different holdings, in **2** «*départements*» (*Pas-de-Calais* and *Seine-Maritime*)
- **5** animals for:
 - ✓ fattening (2) – *Pas-de-Calais* holding
 - ✓ slaughter (3) – *Seine-Maritime* holding

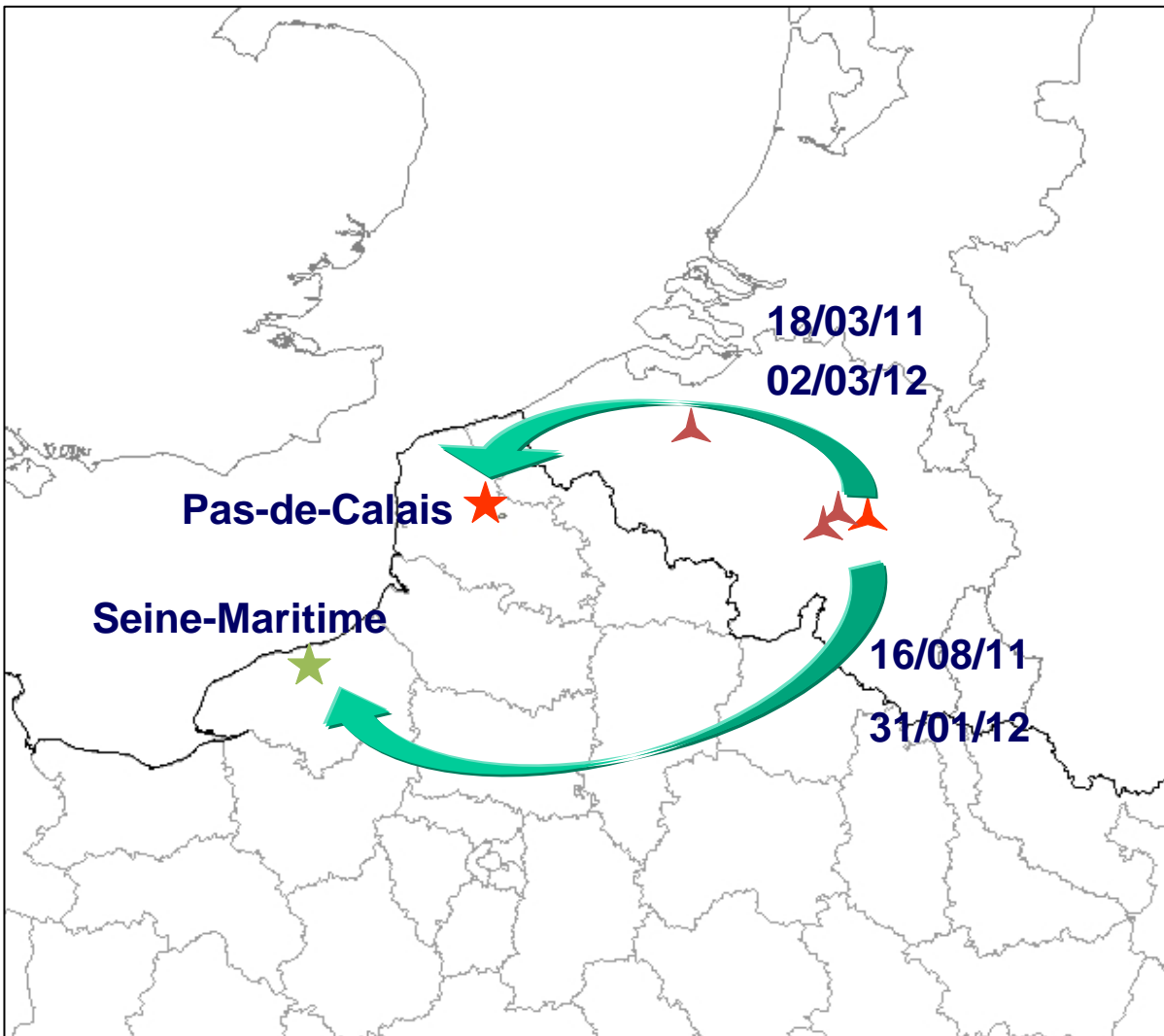
Chronology (2/3)

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- ✦ **06/04/12: Clarification from the Belgian authorities, after tracing investigations (farms linked to the outbreak)**
 - **3 new** animals for fattening
 - ✓ **same** consignment already identified during French investigation (18/03/2011)
 - ✓ **same** Pas-de-Calais holding



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Chronology (3/3)



Pas-de-Calais holding



- A cattle farm with:
 - ✓ a fattening premise
 - ✓ a rearing premise
 - ✓ separated premises
- 1188 bovine animals in total

Pas-de-Calais holding (1/2)



★ **13/03/12:** After first investigations

⇒ *1 animal already slaughtered (11/07/2011)*

⇒ *1 animal still alive → sampled*

★ **16/03/12:** Positive serological results (RBT, CFT)

⇒ *measures of surveillance, restriction & sampling*

⇒ *investigations continued*

★ **22/03/12:** Confirmation by NRL


⇒ *holding officially declared as infected*

★ **28/03/12:** Starting of the culling

⇒ *all animals of the herd (rearing and fattening)*

⇒ *2 monthes needed*

Pas-de-Calais holding (2/2)

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- ⇒ Confirmation by NRL : *Brucella abortus* biovar 3
 - ⇒ *Same strain as Belgian cases*
 - ⇒ Negative serological results for the other animals from the same premise
 - ⇒ 3 new identified animals (after clarification on 6/04/2012)
 - ⇒ *Slaughtered between June and August 2011*
 - ⇒ *Investigation currently carried out for animals transported in the same lorries*

Seine-Maritime *holding* (1/2)




★ 3 animals dispatched to the same holding:

- ✓ 2 on 16/08/2011, 1 on 31/01/2012
- ✓ from the same primary Belgian outbreak
- ✓ all hosted 24h before slaughter

★ The bovine animal introduced on 31/01/2012, transported with other 20 animals:

- All the 20 animals were dispatched to the same holding
- All these animals were slaughtered
- These animals have been in contact with others (during 1-15 days)
- Surveillance & sampling on 28/03/2012 of 84 animals
 - ✓ *Serological results : all negative*
 - ✓ *Re-testing on 15/05/2012*

Conclusions

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- Early measures in both French holdings after notification from the Belgian authorities
 - Infected animal quickly found
 - Apparently no diffusion of the disease



Merci de votre
attention

