SI2A: The French national meat inspection database

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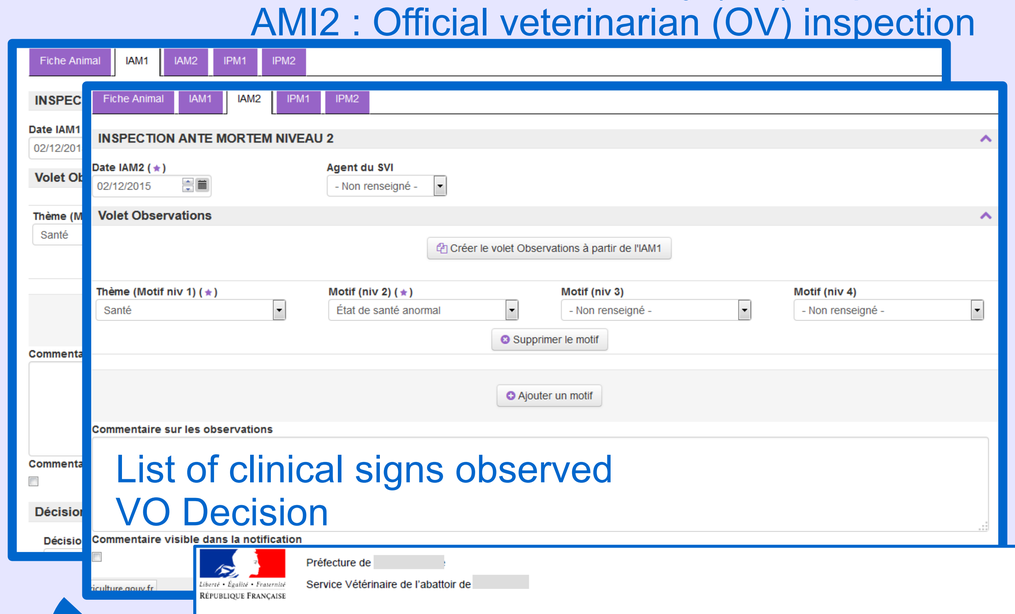
Objectives

- Garantee the traceability of meat inspection results
- Improve food chain information (FCI) circulation
- Automatically produce the mandatory condemnation reports for cattle owners
- Increase meat inspection data availability for epidemiological purposes, risk-based inpections on farm etc.

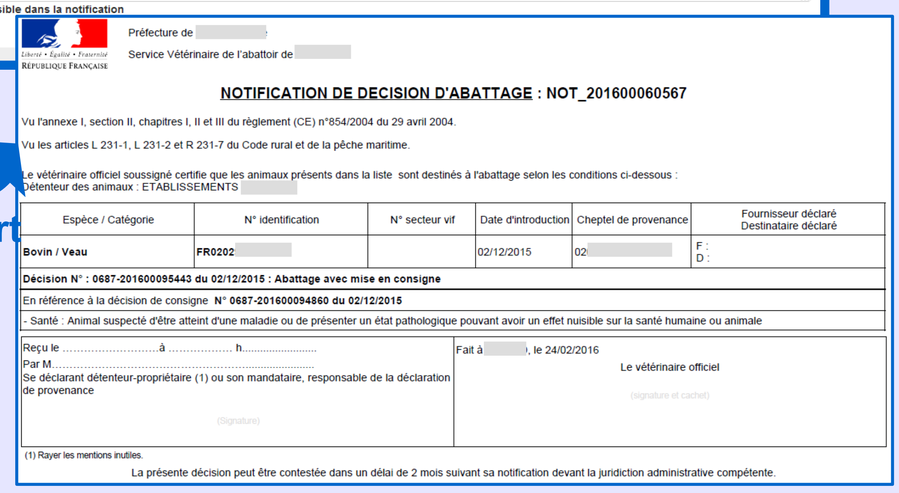
Data collection

- Mandatory since 1st January 2015 in all French cattle slaughterhouses (n=263)
- Web application : easier to update, easier for national data collection
- Database independent from food business operator
- National list of reasons for condemnation and condemnation portions

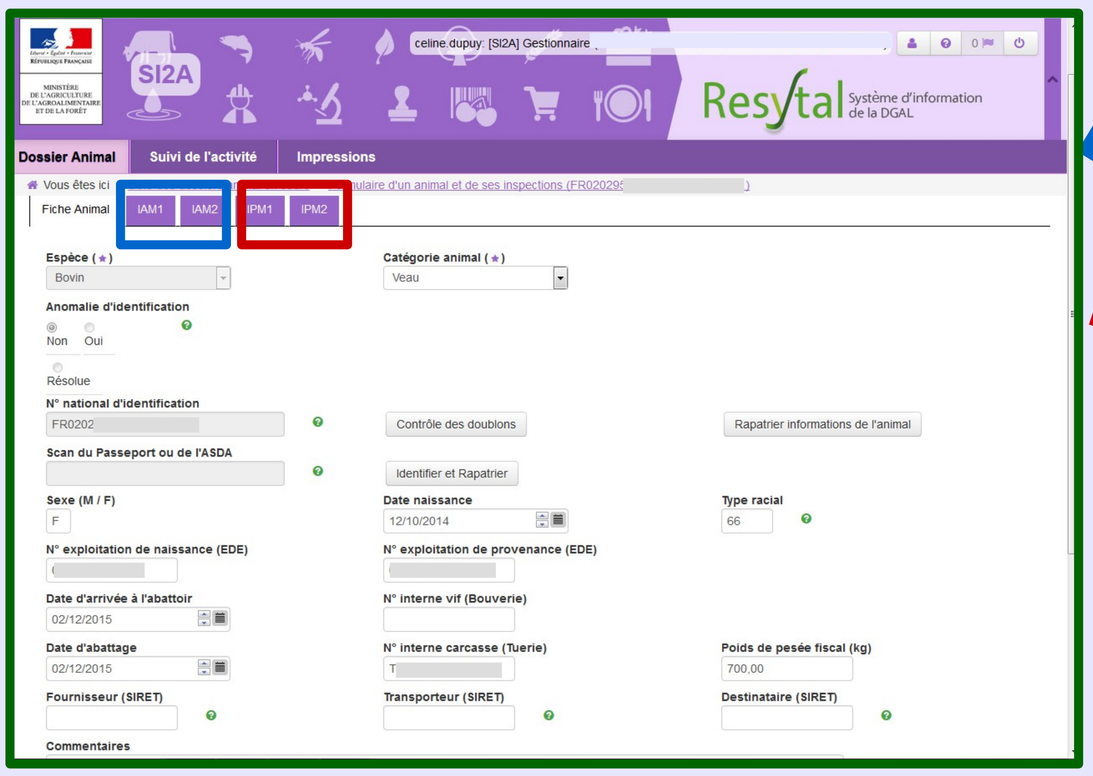
Ante-mortem inspection (AMI)
AMI1 : Official auxiliary (OA) inspection
AMI2 : Official veterinarian (OV) inspection



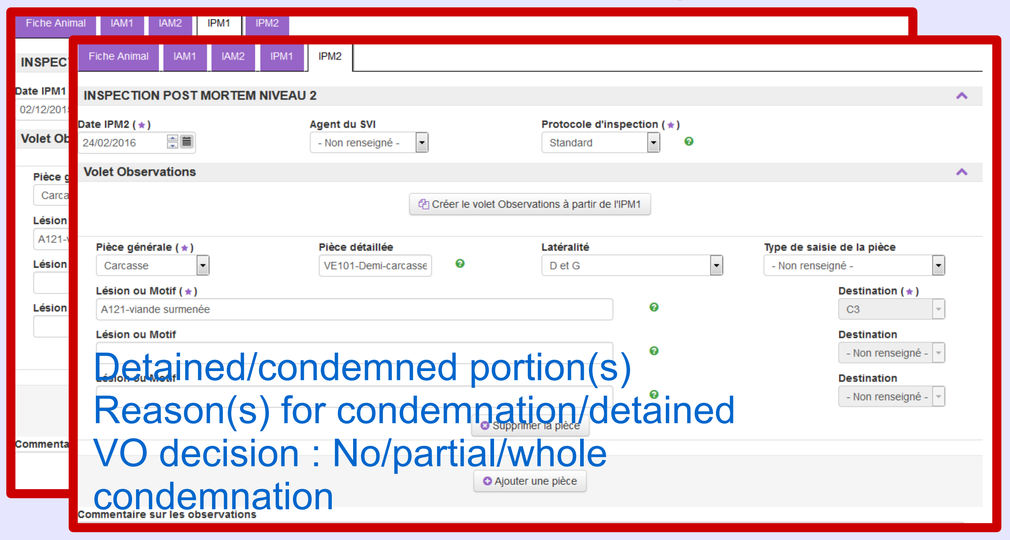
Decision report edition



Animal caracteristics

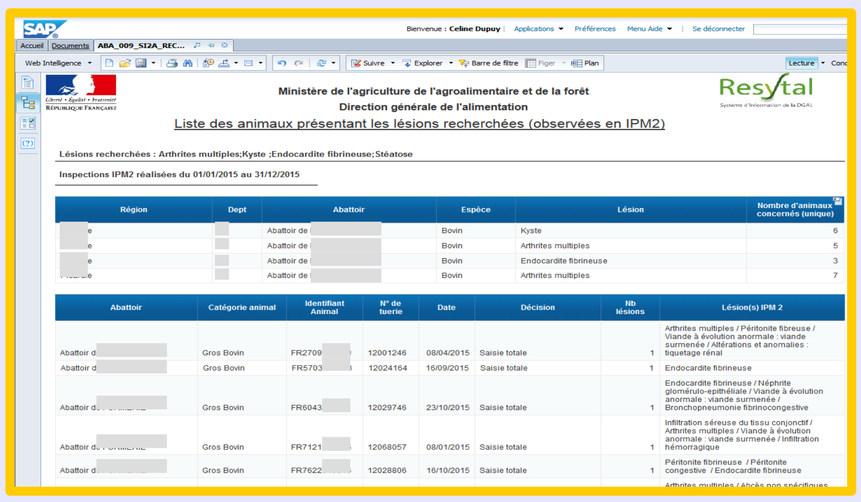


Post-mortem inspection (PMI)
PMI1 : Detained portions or carcass
PMI2 : condemned portions or carcass

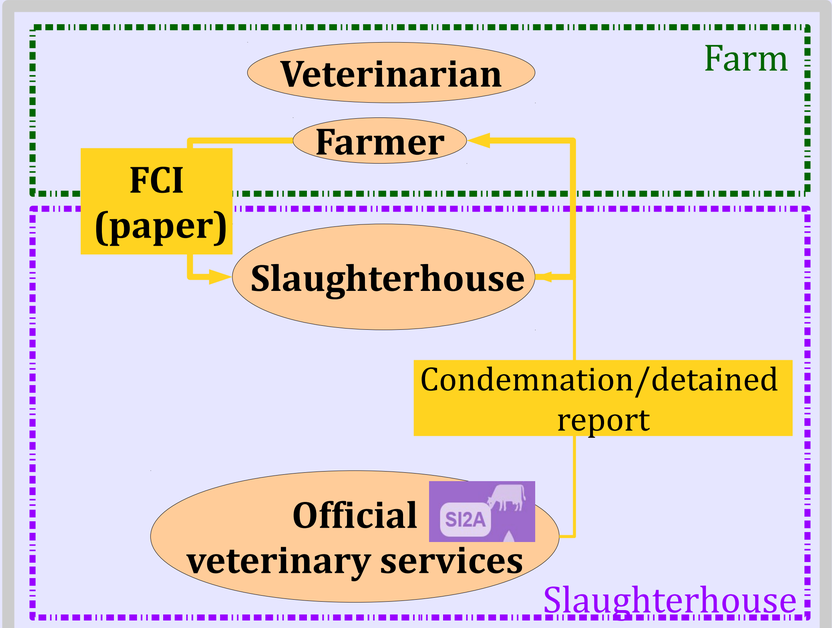


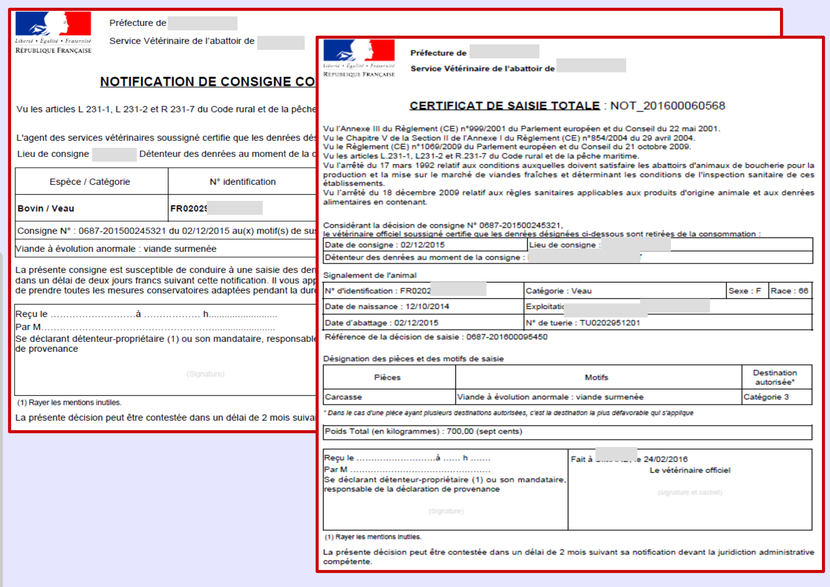
DEDAL : statistical report edition

- Users can access to tables with aggregated data at several levels (slaughterhouse, region, national)
- Possibility to build its own queries and reports with tables and graphs



Edition of mandatory condemnation/detained report





Food chain information circulation :

- From farm to slaughterhouse
- From slaughterhouse to farm

Perspectives

- Implementation of SI2A V2 to allow registration of meat inspection data directly on the slaughter line
  - A necessity for swine and sheep/goat slaugtherhouses (high slaughter line speed)
  - An improvement for offal condemnation information registration
- Edition of data quality reports to garantee a high data quality level
- Edition of new statistical reports with epidemiological indicators