

BD Avicole : A national
database combined to innovative
ICT tools for all poultry
sectors traceability in France



BD Avicole
BASE DE DONNÉES AVICOLE



L' ACTEUR DES ÉCHANGES NUMÉRIQUES AGRICOLES

AGRO EDI EUROPE



Agro EDI Europe

- **Non lucrative association** created in 1992 by the French union of agricultural cooperatives and the national association for accounting revision
- **Expertise on digital and data exchange project** for companies in the agricultural sector
- Serving its members and the agricultural community for the **creation and maintenance of international standards** for the exchange of data



AEE Members

- Retailers and collectors: agricultural cooperatives, agribusiness
- Suppliers (phytosanitary products, seeds)
- Logistical platforms
- Technical institutes : ACTA, INRA, Arvalis, IRSTEA, etc.
- Accounting companies
- Agricultural software editors
- remote sensing operators
- Ministry of agriculture, ministry of fisheries
- Agricultural chambers





ABOUT BD AVICOLE PROJECT



BD Avicole project



BD Avicole is a **collective, federative and professional system** , aiming to **identify:**

- All the holders of living poultry on the French territory: poultry farmers, producers' organizations, hatcheries
- Poultry production, buildings and outdoor area
- Movements of living poultry to establish the traceability all along the production for poultry industries

It is **available and operational for all the flesh poultry chain, the foie gras palmipeds chain and the egg-laying chain in France.**



BD Avicole project

The objectives for poultry industries



- **Better knowledge of the French production**
- **Make data reliable and improve the reactivity** (ex: sanitary crisis)
- **Answer to regulatory obligations** declaration of living poultry movements which is mandatory since the 1st of July 2016 according the biosecurity decree of the February 2016
- **Provide services** to producers and their partners: dematerialization of animals' movement declarations, dematerialization of the sanitary forms, availability of dashboards, etc.

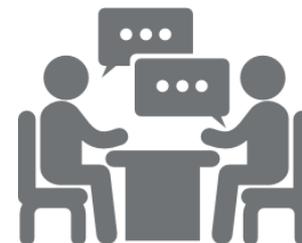


Our role in the project

Agro EDI Europe has been mandated by the association BD Avicole **to build the solution and accompany professionals in technical and technological choices** in the implementation of this tool

IT developments have been realized by Predell Services, an IT provider expert in traceability system

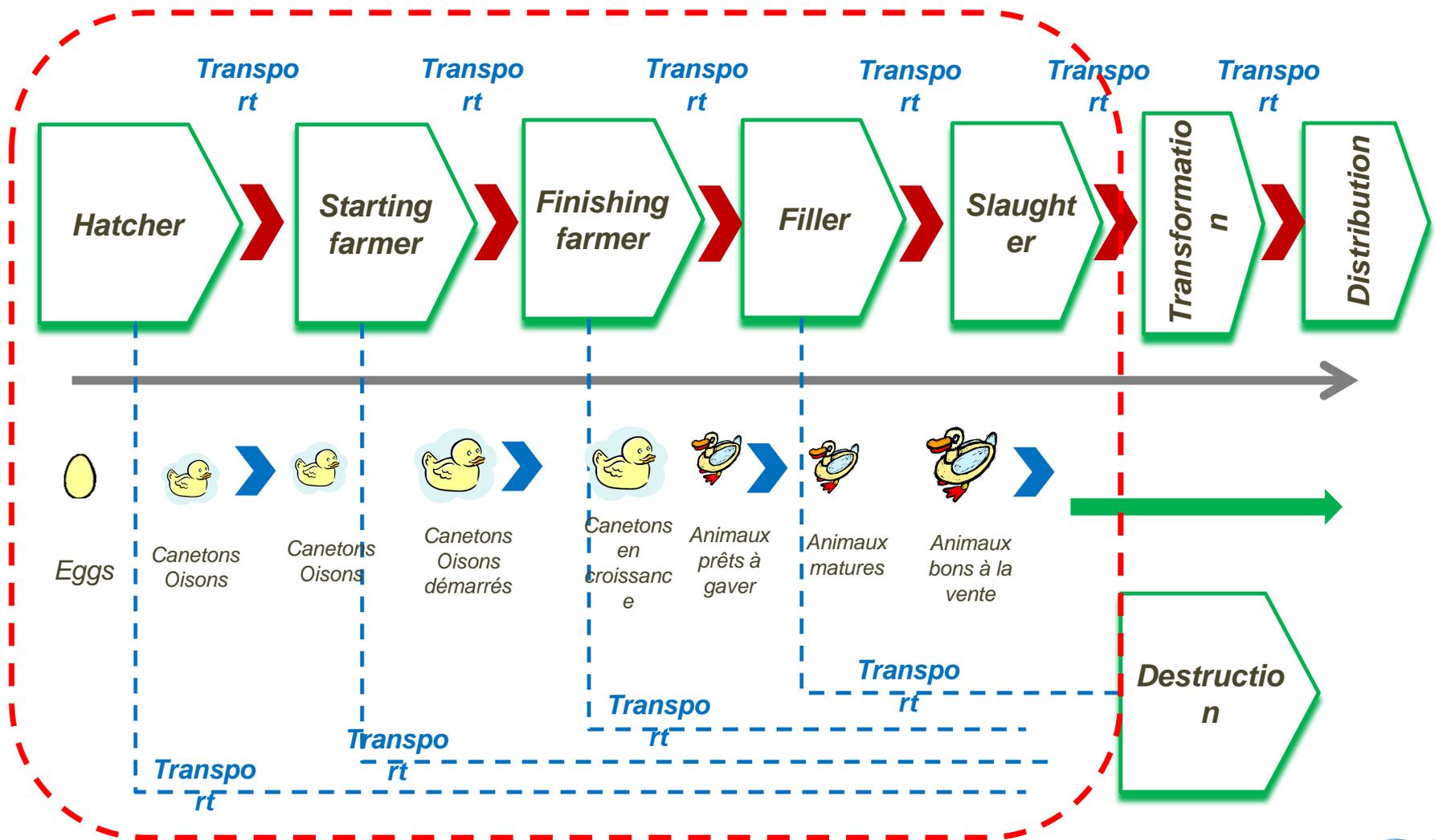
Working groups by sector as well as a **project committee** have been established **to define and validate the needs and constraints of professionals** with an objective to traduce them in a **complete, reliable and evolving system.**



THE SYSTEM



Supply chain of poultry sector



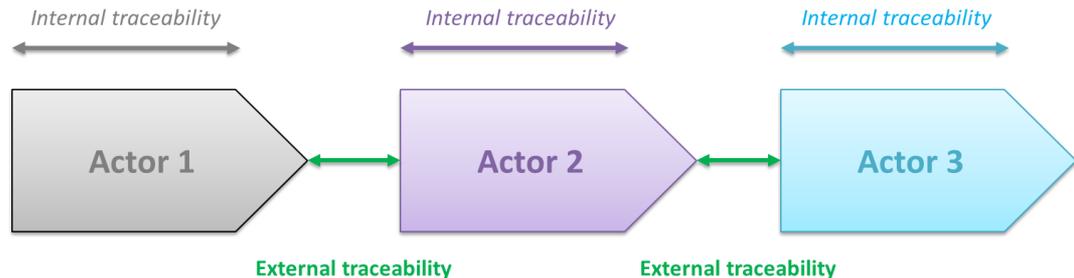
A common data base for traceability of all poultry industries in France

Historically, the actors already have an internal traceability tracking system.

Traceability information of every actor is collected in a shared system according to the governance :

- Batch Identification Information
- Information on the history and the management of the batches = movements of products

Thanks to the history of movements, the system can reconstitute the links of traceability between the actors and thus ensures the external traceability



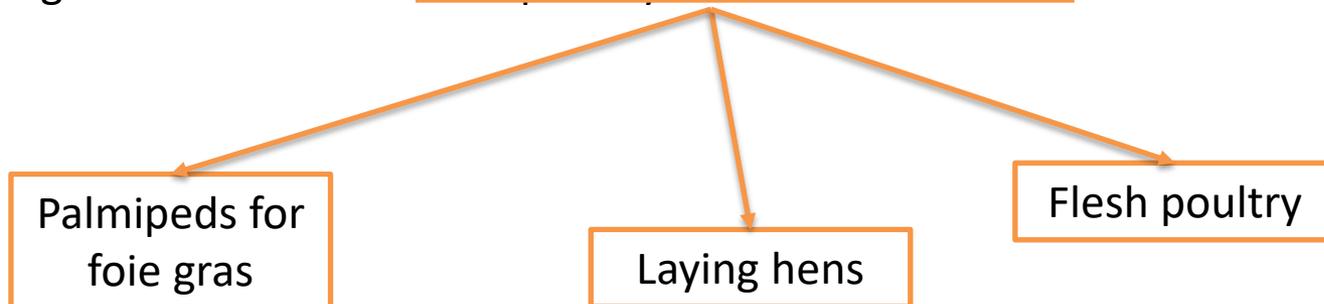
A common data base for traceability of all poultry industries in France

Strengths :

- No modification of the information systems of actors involved in the system
- No change in the production systems of the actors
- Adapted to all types of businesses (SMEs and big operators)
- Easy to use

Impacts:

- Implementation of interfaces between the actors' systems and the shared system to automate actors' data supplying and updating in the shared system
- Establishing a governance within each poultry industries involved in the common database

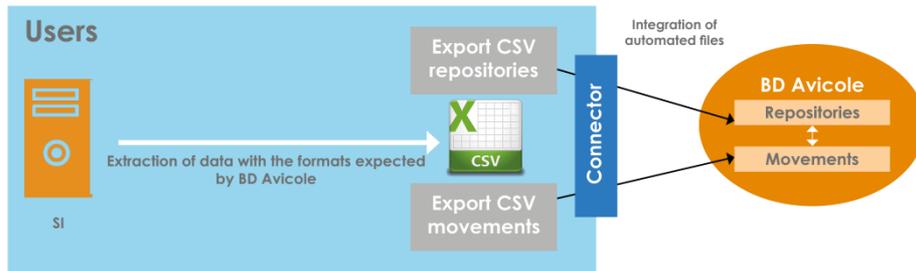


Functionalities of the system

How users supply and update data on identification of actors, production areas and animal movements ?

1

Automated processes between information systems and BD Avicole



2

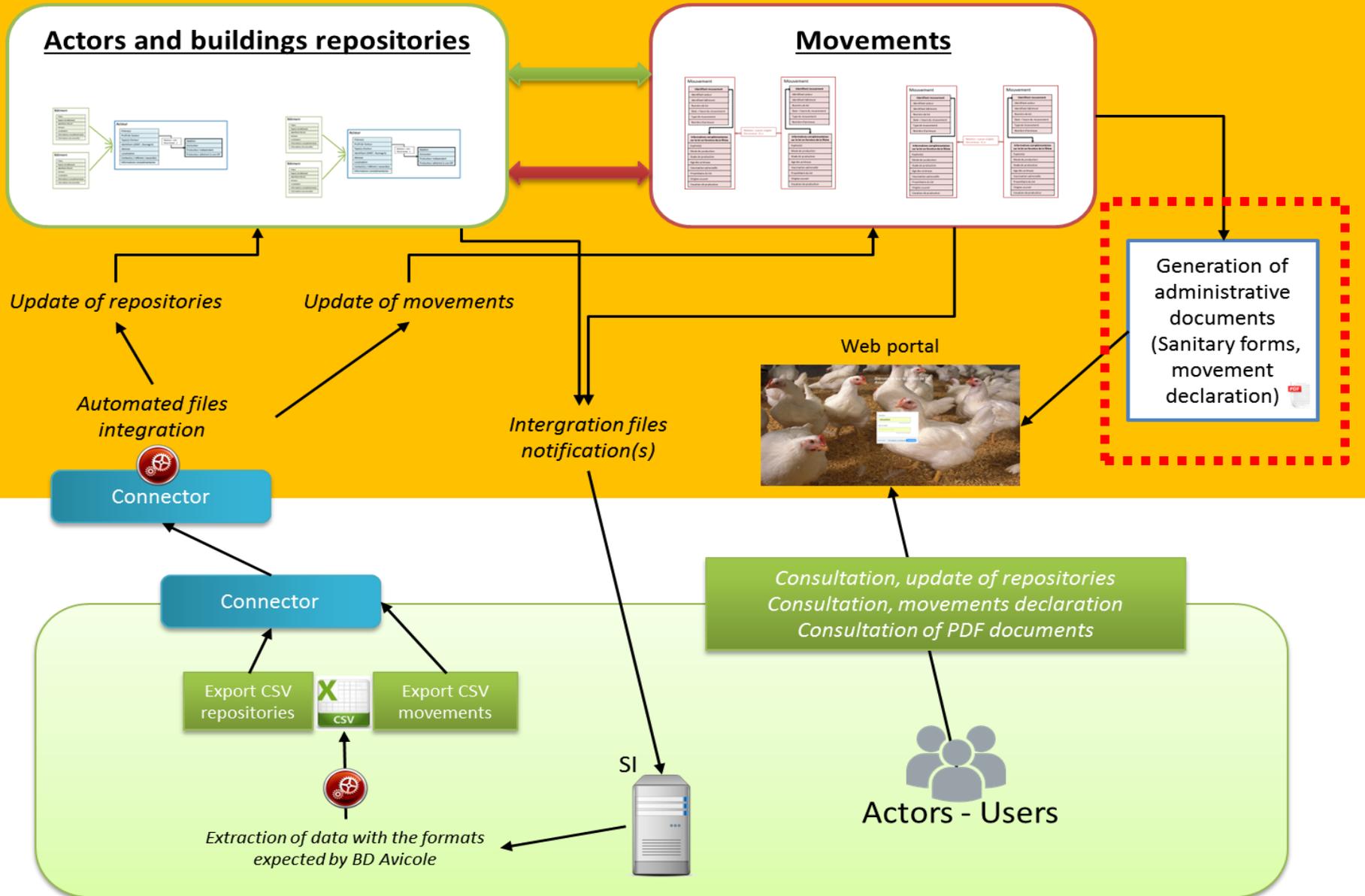
Web portal

The image shows two screenshots of the BD Avicole web portal. The top screenshot displays a search results page for a producer, showing a table of movements with columns for 'Nom', 'Prénom', 'Date de mouvement', and 'Statut'. The bottom screenshot shows a user profile page for 'Marie Beuret' with a list of producers and a 'Nouveau Producteur' form. A login modal is also visible over a background image of yellow chicks.

Operators can combine the two tools to supply BD Avicole

Architecture of the data base

BD Avicole



Deployment : Some indicators...

- **5 818** actors (producers, producers organization, hatcheries, slaughterhouses, etc.) and **13 789** productions areas identified in the data base
- **90 producers organization**
- **116 independent producers**



THE END...

More information on the Project



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