



I-CAD – the french pets identification
unique database / Rémi Gellé





2017

- **16 970 000** living identified pets*
- **1 405 129** new registered identification (+ 3,3% vs 2016)
53% dogs / 46% cats
- **34 459** regulized importations
- **70 000** lost pets
- **20 000** found pets
- **30 000** recovered pets
- Nearly 800 000 registered ownership transfers / 60% = professionnal sales

• = dogs, cats, ferrets

Since 2012



(identification of carnivore domestics animals)

manages the french national identification register of Domestic Carnivores
Under a public service delegation (**the Ministry of Agriculture and Food**)



Secure Data

- animal identification informations and owners identity
- dogs behavior evaluation
- identification number traceability

Data management

Transmission of the data

- sanitarian monitoring
- dogs behavior monitoring

Print and diffusion of administrative documents

Facilitate the **search of lost animals**

Allow the **location of animals** in case of a **health crisis**



An expertise based on a **unique and historical know-how** in the field of identification management of pets in France.

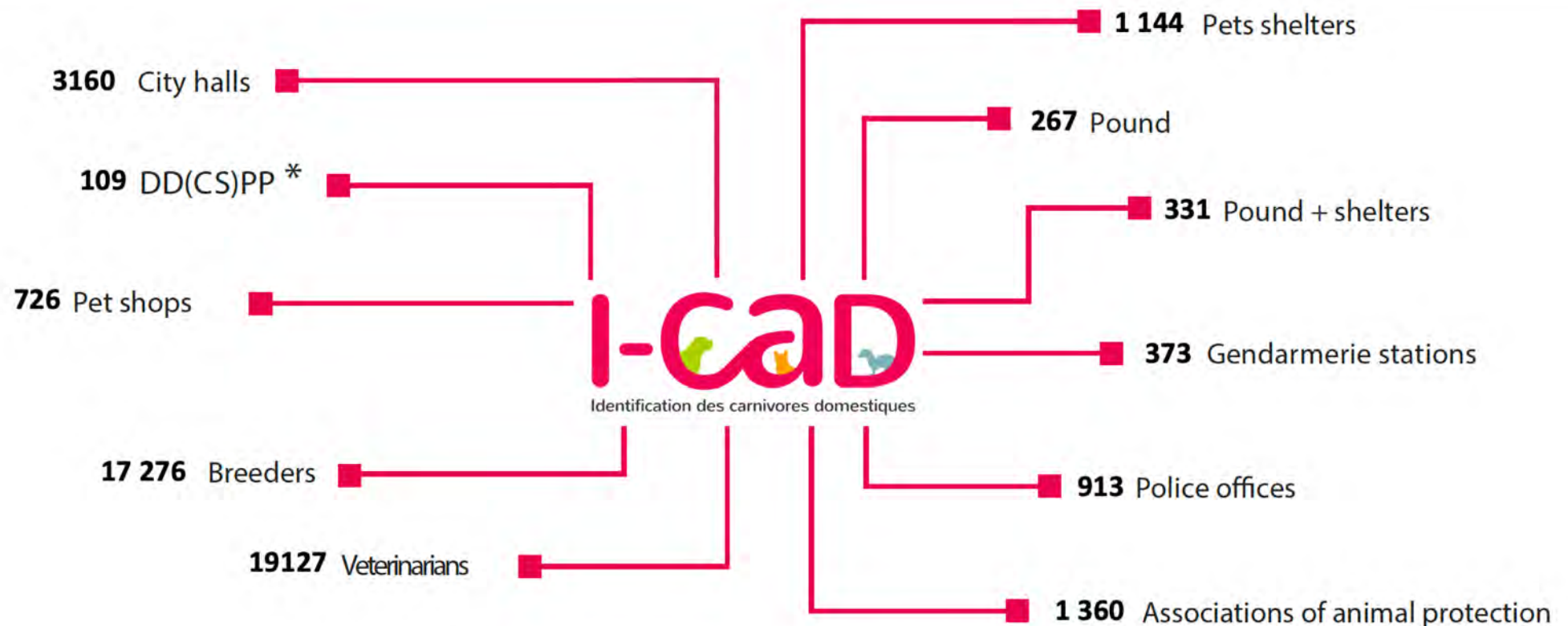
Business knowledge: the national database has been designed and built by veterinarians and breeders

A dedicated and specialized company: a human-sized company (70 people workforce) entirely dedicated to the data management and the data monitoring

European traceability: I-CAD is a recognized reference and more particularly within the EUROPETNET network (European animal identification databases).



The I-CAD database is a **reference tool** for each professional in the animal sector as well as for pets owners



* Departemental Direction of Social cohesion and Protection of populations



I-CAD is the **single one database dedicated to pets in France**, in regard of the Delegation of the Ministry of Agriculture

It gathers and provides **complete information** on the identification of pets (microchips and tattoos).

Free and secure access for its users: the knowledge and daily maintenance of a broad network of professionals who are consulting the national database



Consulted and updated by all the different users:

veterinarians, tattooists,
breeders, associations,
town halls, police,
and other beneficiaries concerned by the traceability of a domestic animals in France,
as well as the pets owners.

I-CAD's **incomes are based on fees**, relative to the identification registrations, which are paid by authorized professionals (veterinarians and tattooists).

The amount of the registration fee is **set by the state administration** (Ministry).



Same platform for professional users, state administration and pets owners

Each type of user has a dedicated access to the website <http://www.i-cad.fr/>

No kind of ads (mission of general interest)

Some features...

- Edit professional details
- Edit animal details
- Edit and update the users contact information
- View the animals data
- Register identifications
- Download documents (provisional certificates & invoices..)
- Consult the procedures (imports, duplicate card requests etc.)
- Consult many informational contents
- Declare lost, found, found and deceased animals

And ..

- Behavioral assessment follow up concerning categorized and biter dogs
- Sanitary monitoring



Easy to use

Simplified access thanks to a single and online platform
Dedicated codes for each kind of users

Flexibility

The relational database (Postgrey) **allows the processing of large volumes of data** (34,2 million of registered pets)

I-CADs system is based on **last generation programming languages** (Vue.Js) which provide flexibility and interactivity, productivity and stability.

A **modular application architecture** that will **facilitate the adaptation** of this model to European projects

It is **connected to many different existing systems** (veterinarian softwares, Europetnet...)



Security

The system is **constantly operational**, 24h./24 7d./7.

It fulfills the **GDPR** and complies with the **ISO standard for microchips**.

Thus, it can meet the **multiple accessibility needs** of our users, while **ensuring security**.

Quality

Data are only registered and **updated by authorized professional users**

The data are organized to match with the expectations of the professional users and the state administration monitoring needs.

As this system is unique in France, it **guarantes the quality of the data for the entire animal sector**



I-CAD system enables the monitoring of the pets populations and evolutions, as well as the monitoring of behavioral assessments.

It ensures the regulation of the animal sector while facilitating the follow up of commercial exchanges and the animals flows monitoring (traffics / thefts) at both individual (non-commercial) or professional levels.

Significant figures

(Jan. 1st -> Oct. 31st 2018)

3 674 850 connexions to the website

804 752 unique users

Nearly **13 000 000** viewed pages



NB - Every one who is selling more than a litter of any pets per year is considered as a trader

French regulations require all pets traders to **indicate their professional tax number** on every sale advert **as well as the pet identification number**.

Such official references, are guarantees for potential buyers :

- Dogs buyers can **verify the information of any pets trader** while consulting the french kennel clubs database.
- The pet identification number can also be verified on **I-CADs website** which is the **only way to confirm all the pet details**.

I-CADs algorithms are **tracking sales volume that help detecting potential undeclared professional sellers**.

Conclusion - Traceability in France



One and only database, referenced and supervised by the **state administration**

Qualified data, registered and updated by **qualified professionals** (veterinarians or authorized persons)

A flexible system, in a constant evolution, in order to meet its audiences and users requests

A reliable system which improves **traceability of pets** and **strengthen the battle against traffic and fraud** (specially fraudulent classified adverts on the Internet)

A key player in the EUROPETNET network, I-CAD is its most extensive database

A custom database, adapted to its sector, as it has been built by veterinarians and breeders, while meeting constraints of the state administration, and designed to be **adapted to every kind of projects**