API-AGRO
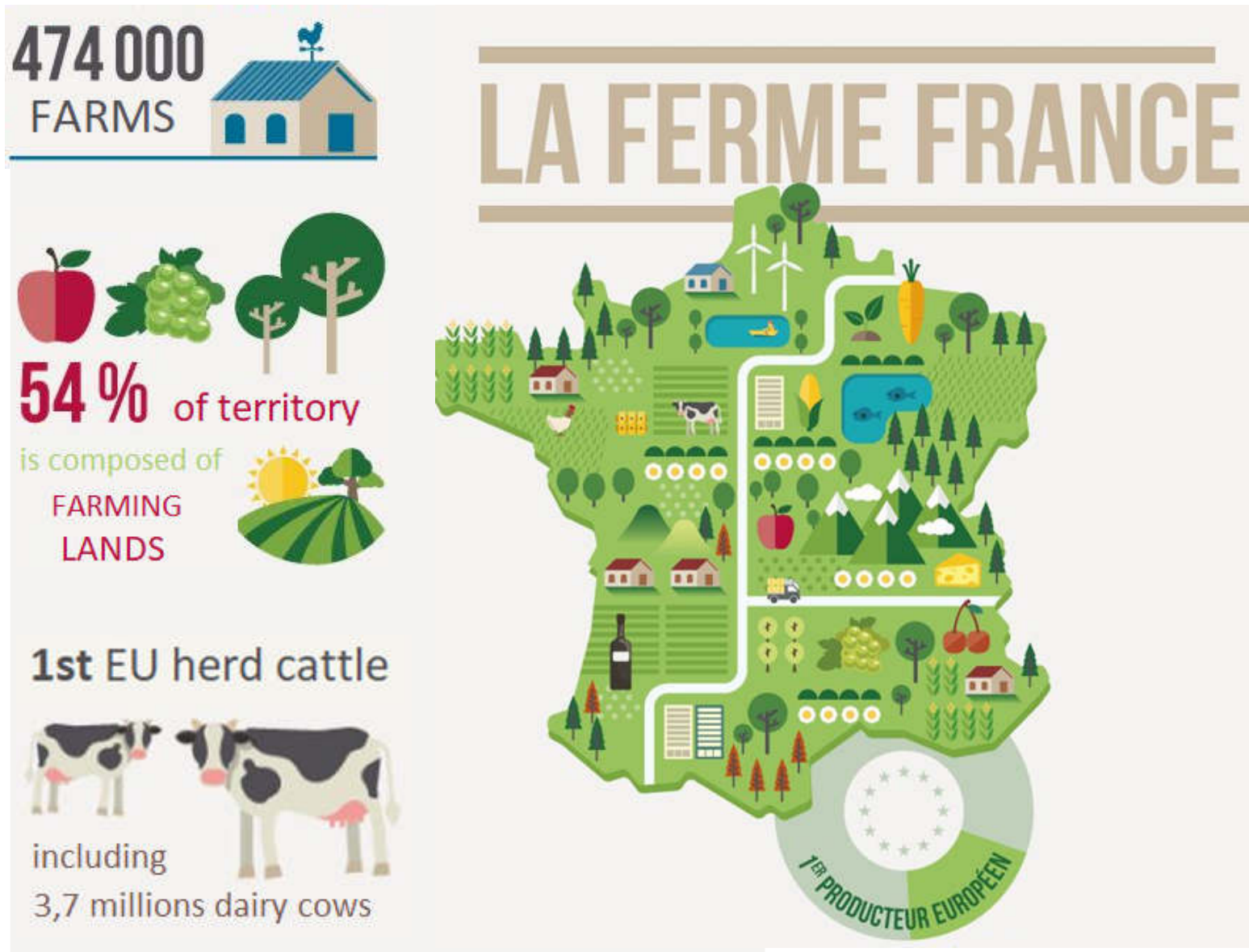
Digital: serving the agricultural sector

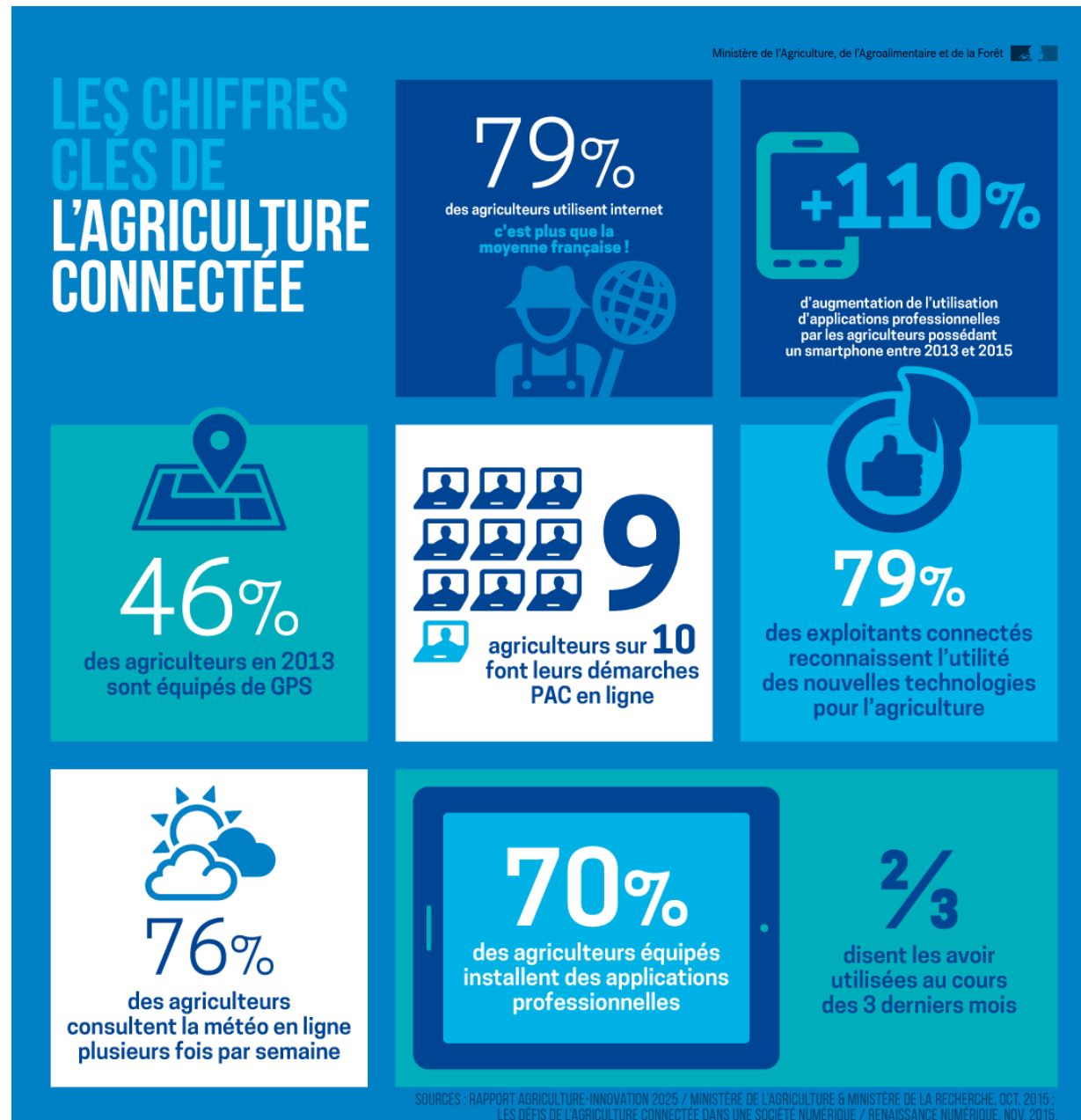**21 september 2017**
Théo-Paul HAEZEBROUCK

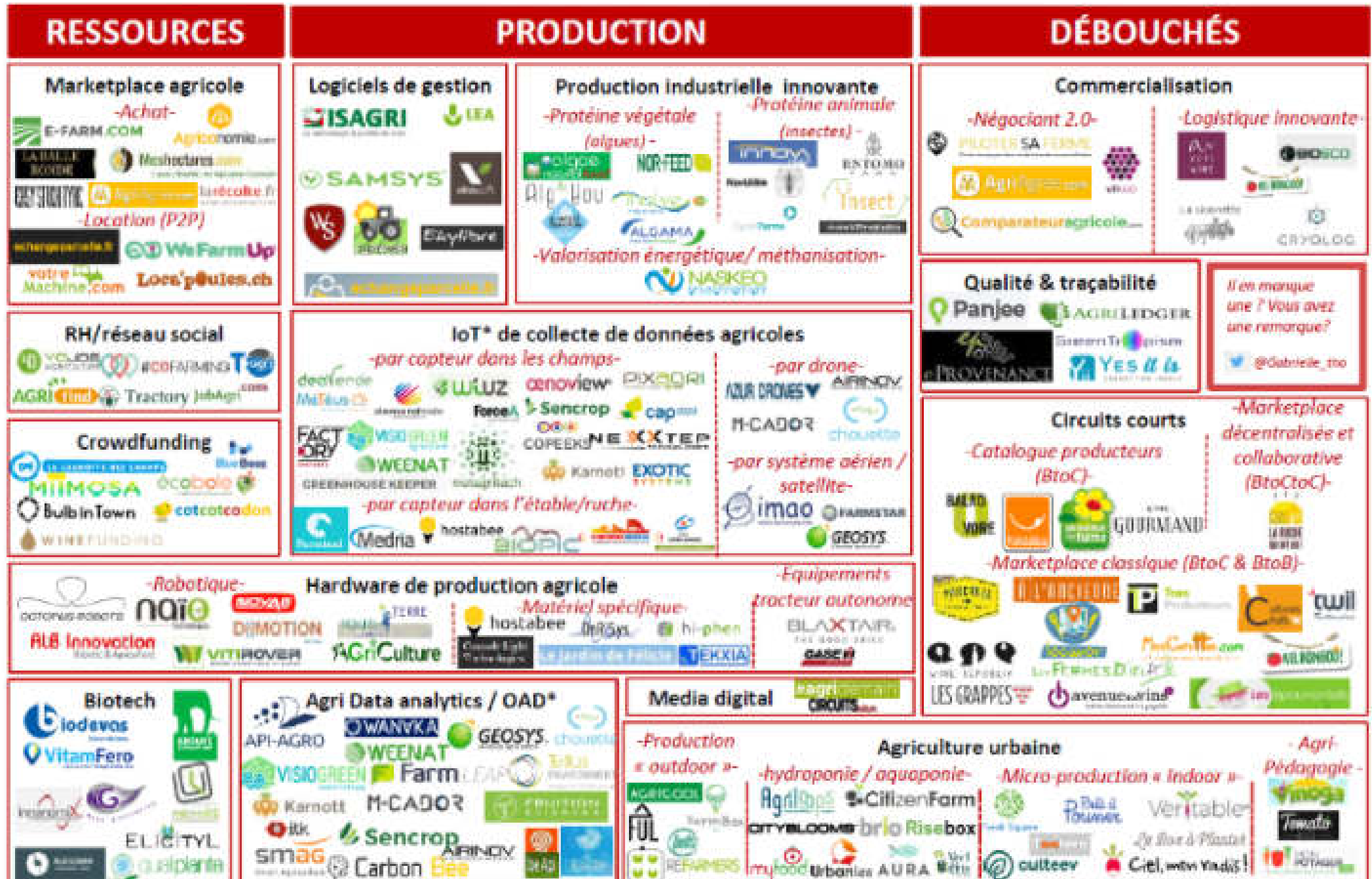# How is farming in France?

474 000 FARMS

54% of territory is composed of FARMING LANDS

1st EU herd cattle including 3,7 millions dairy cows

LA FERME FRANCE

1ER PRODUCTEUR EUROPÉEN

How digital comes into farms ?

What we learn from 180 AgriTech companies

How agri R&D structure to answer these questions

ACTA Digital and Agriculture Network

API-AGRO: French data portal of agriculture

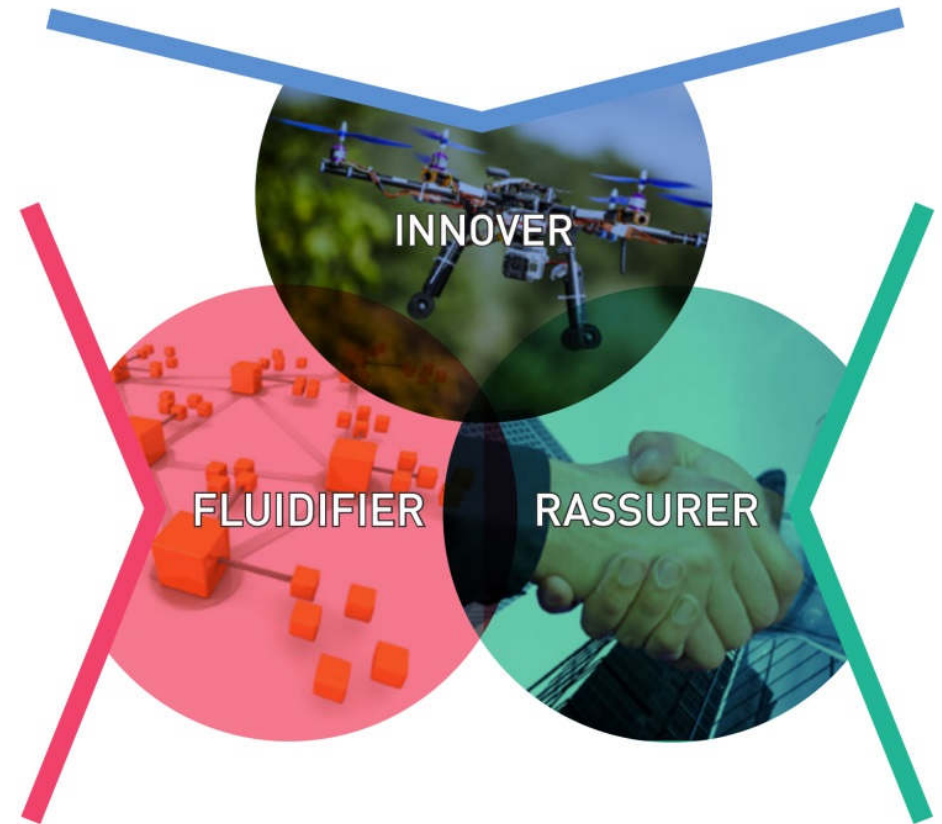#DigitAg: research (thesis) on digital agriculture

AgroTIC: consortium of companies and universities

Issues of digital agriculture

- Open data (and not open bar)

- Ownership of the data

- Interoperability

- Co-innovation and co-building with farmers

- Data producers VS Developers

- API vs Standards

INNOVER

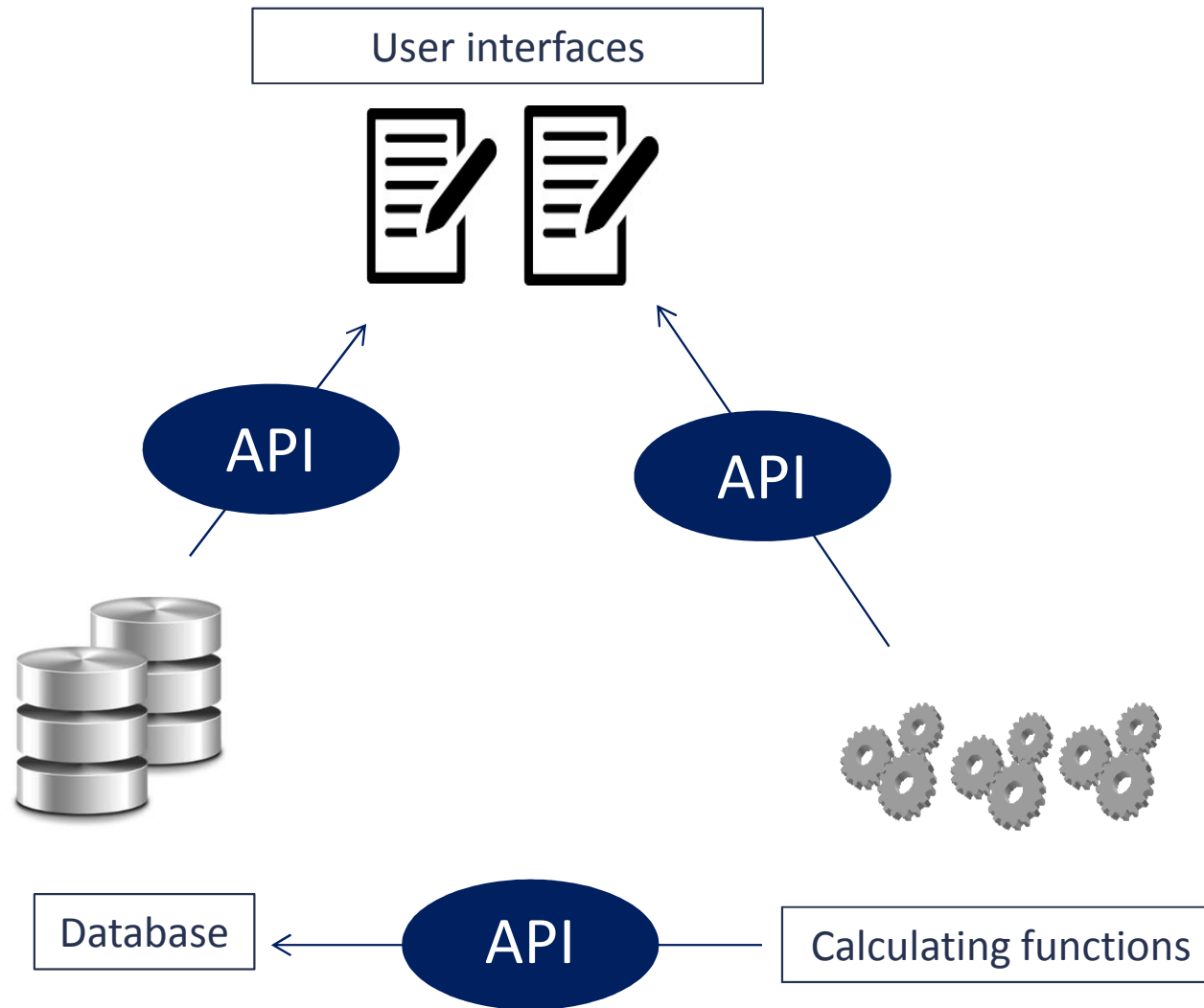FLUIDIFIER   RASSURER

What's an "API"?

Get *Menu* and identify
what data you can request as you would
order a meal at restaurant

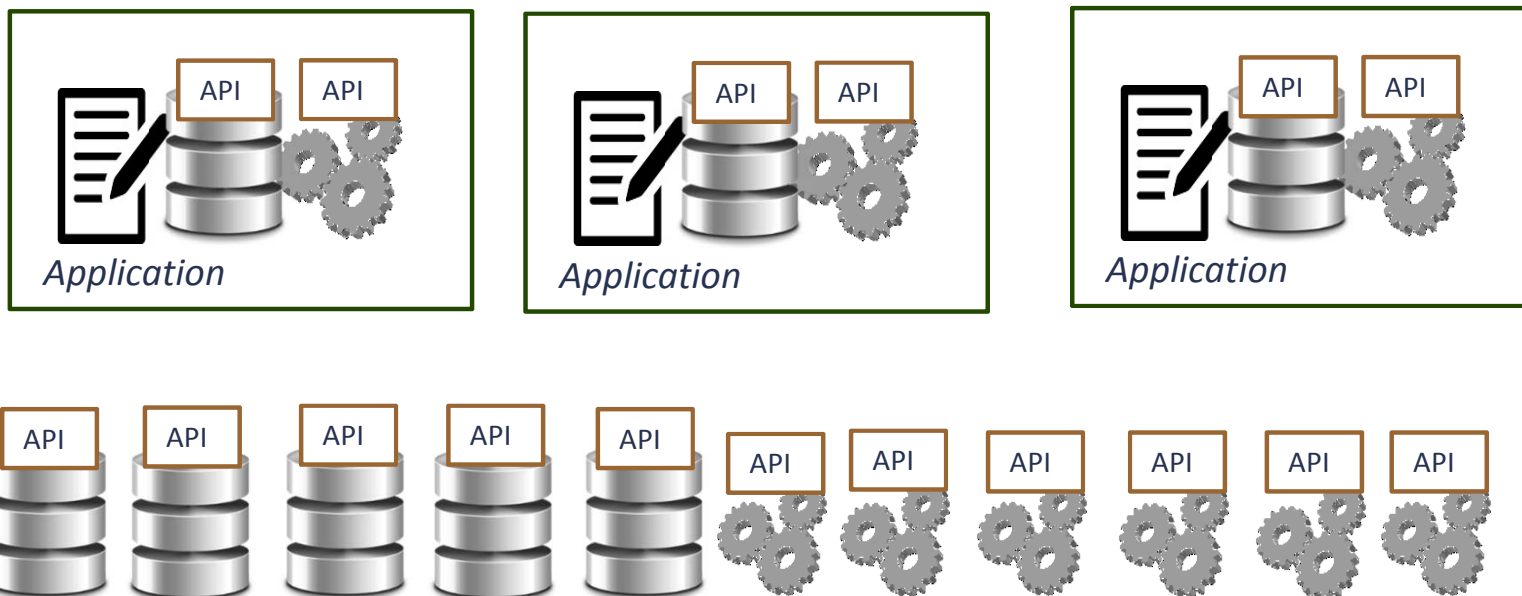Plug your application to data source
or model using the API

3-parts of applications

User interfaces

API

API

Database

API

Calculating functions

From apps to API ecosystem

> " Notre dispositif d'API nous donne l'opportunité de construire un
> véritable écosystème de partenaires qui nous aide à la fois à diffuser
> notre offre de transport sur de nouveaux canaux, mais aussi à combler
> de nouvelles poches d'innovation au-delà de notre cœur de métier. "

Romain Lalanne, Directeur de la Fab Open Innovation de SNCF

# API-AGRO: central point of access
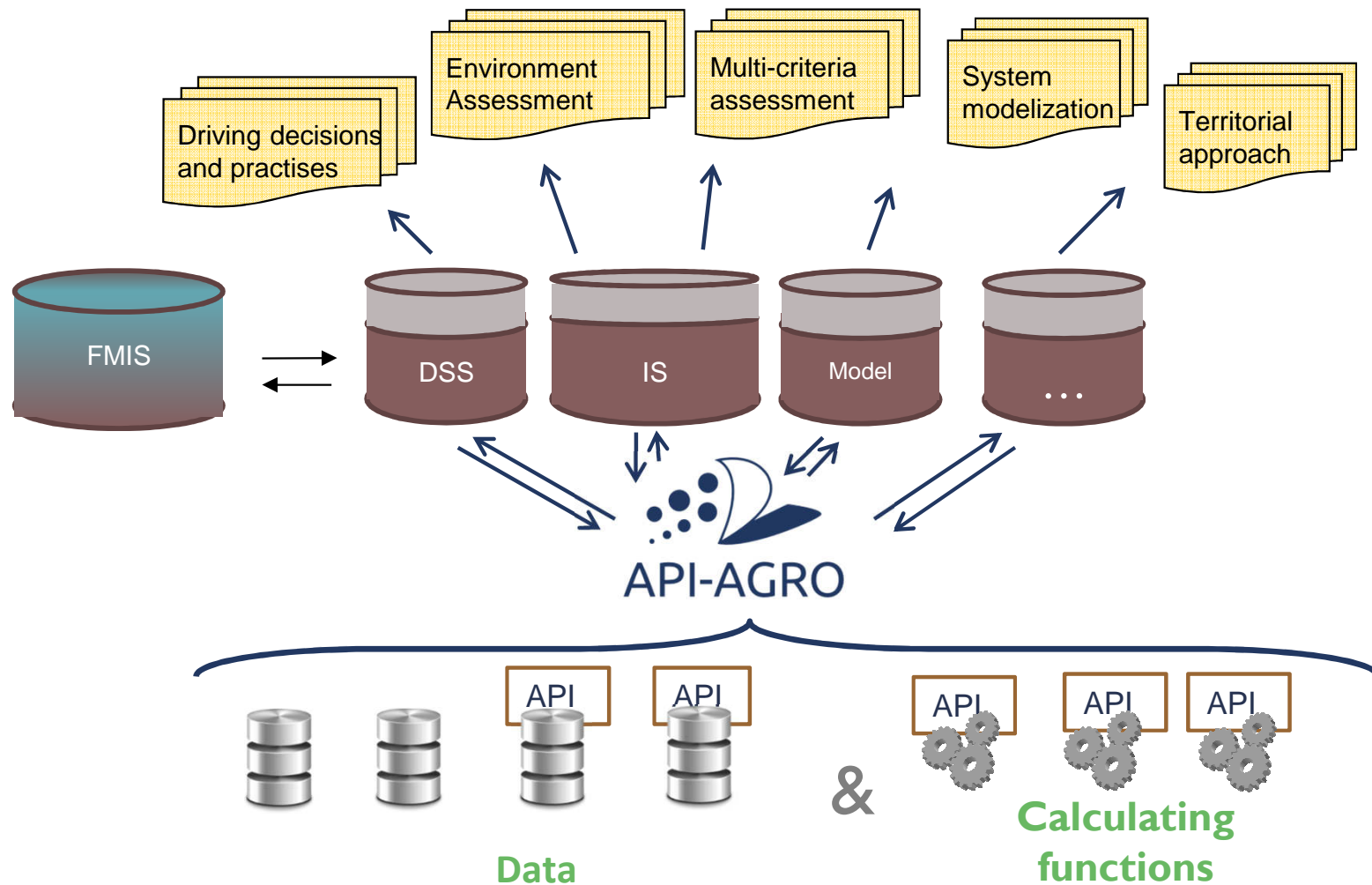
API-AGRO is

- An open platform to exchange data securely
- Allowing differents structures to exchange data
- Giving control access to external developers
- Insuring control of data spreading for each provide for free or for selling
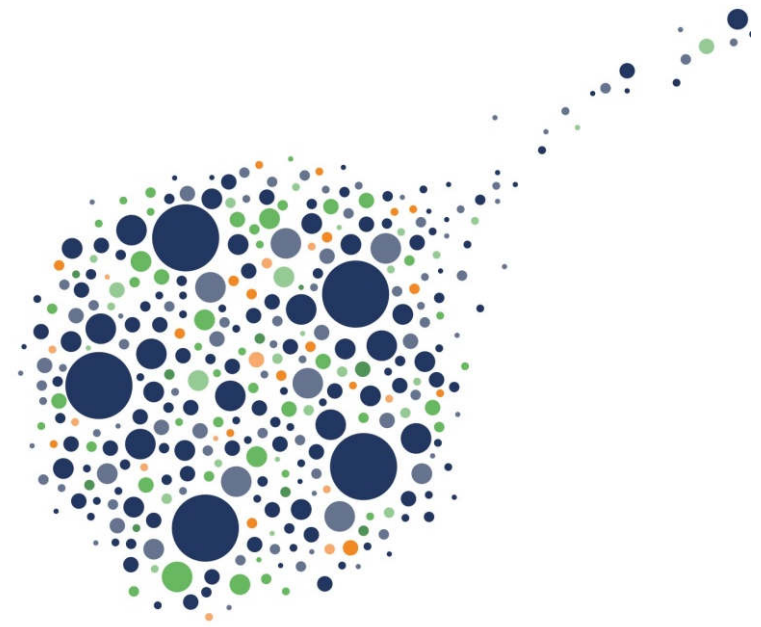
API-AGRO

API-AGRO is

- An ecosystem of #AgTech application developers and agri data managers
- Evangelizing about data sharing with formation and events
  - Formation
  - Web-conference
  - Hackathon
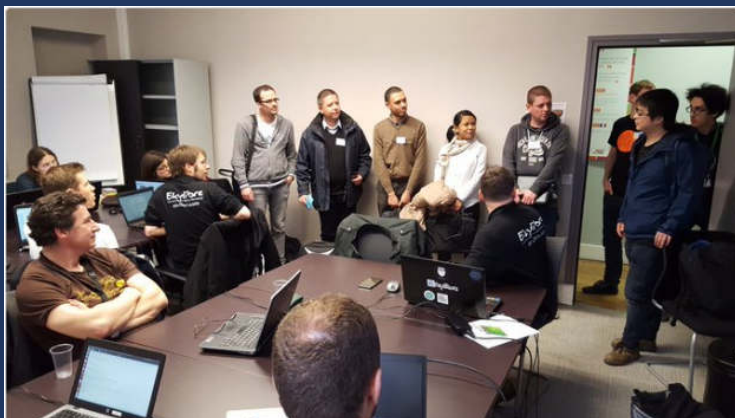
API-AGRO

API-AGRO LANCE SON hackathon

L'INTELLIGENCE COLLECTIVE AU SERVICE DE L'AGRICULTURE DE DEMAIN
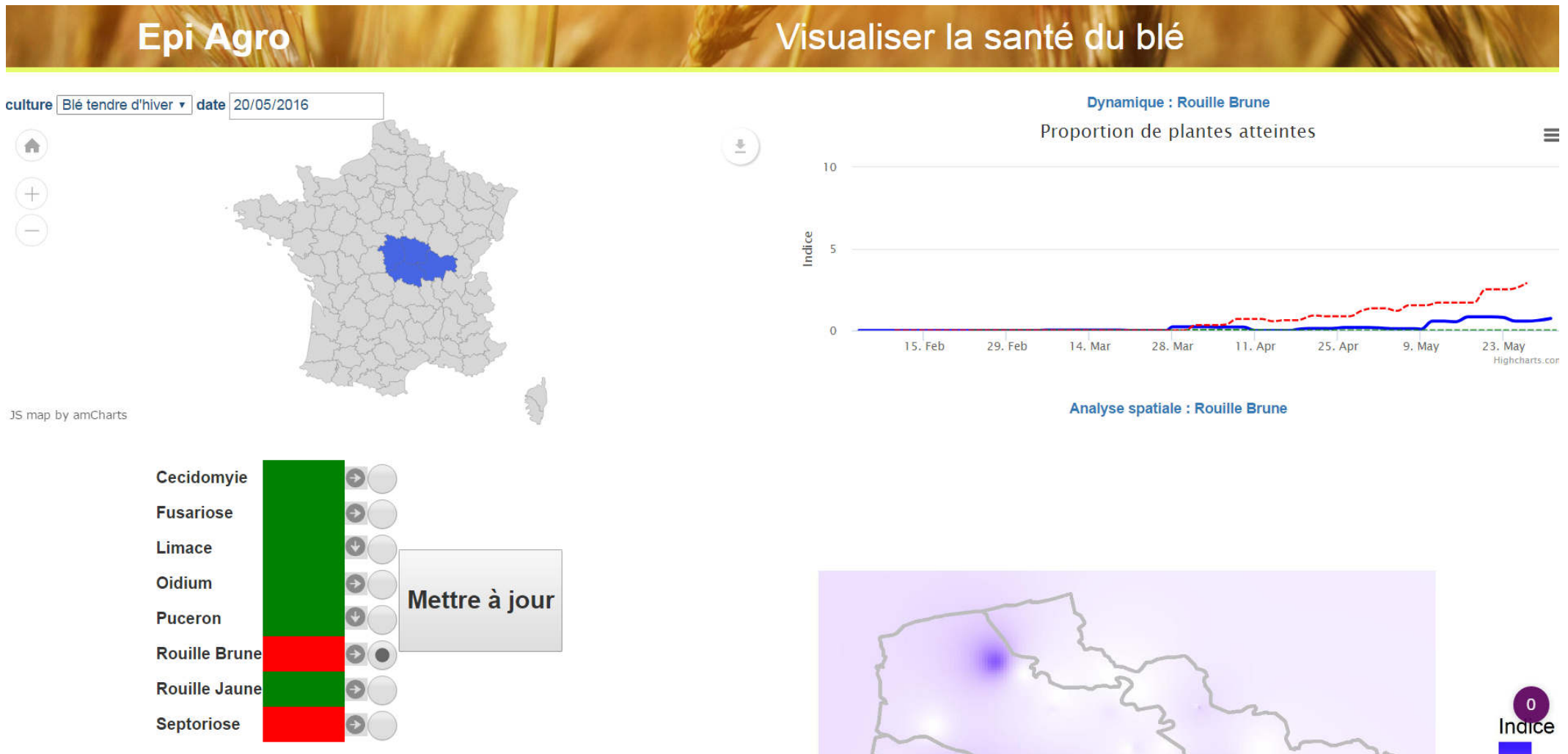
24, 25, 26 FEVRIER 2017 AU SIMA - VILLEPINTE

API-AGRO

ELEVAGE
FRUITS & LEGUMES
GRANDES CULTURES

Démonstration

https://plateforme.api-agro.fr

Winner: EPI-AGRO

Winner: Ravacooooooool
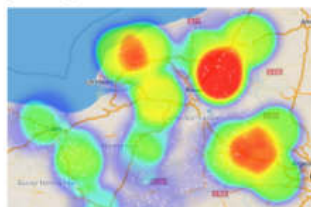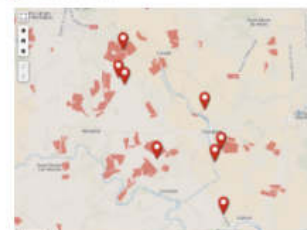
Winner: Soil key
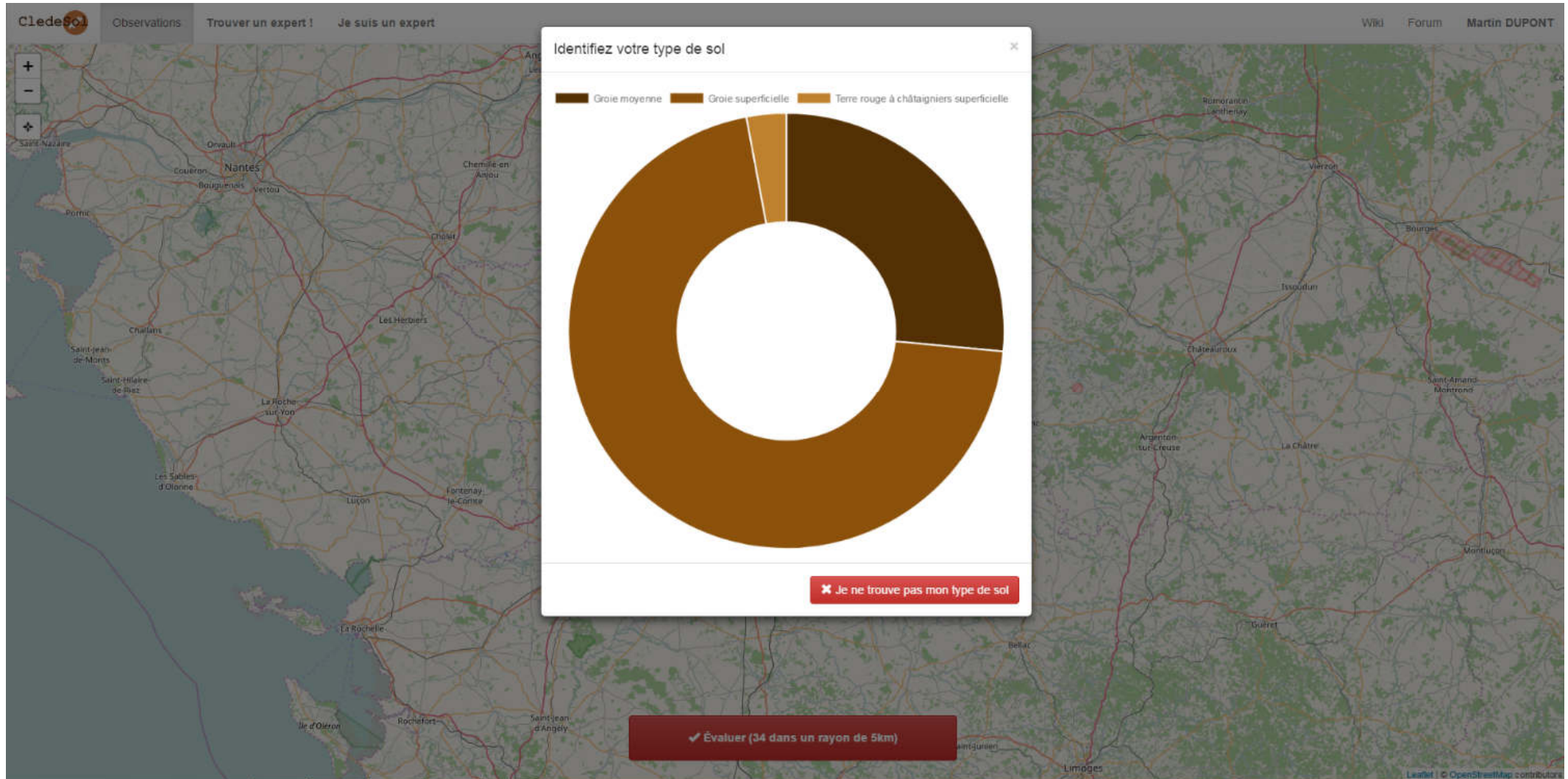
Agro-Clim

Contact

Plateform is available at: https://plateforme.api-agro.fr
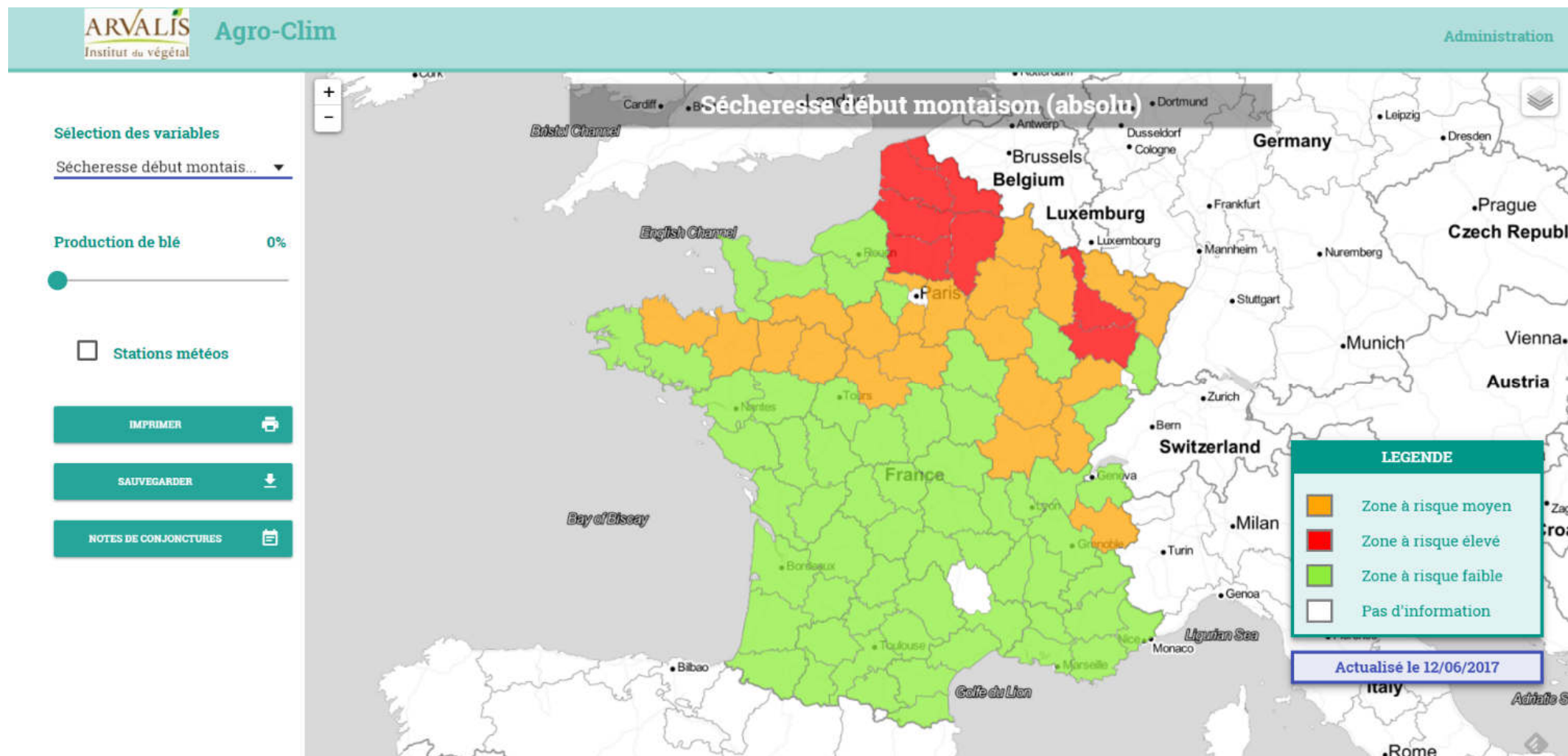
Please give it a try and be part of the ecosystem

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