



Agromet.be

La plateforme agrométéorologique
wallonne de référence

Agromet project:

Operationele ruimtelijke interpolatie van weerdata voor agrarische beslissingondersteunende systemen

Damien ROSILLON
Sébastien DANDRIFOSSE
Jean Pierre HUART
Alban JAGO

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Wallonie



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www.cra.wallonie.be



The weather: a critical information in agriculture

Pameseb network

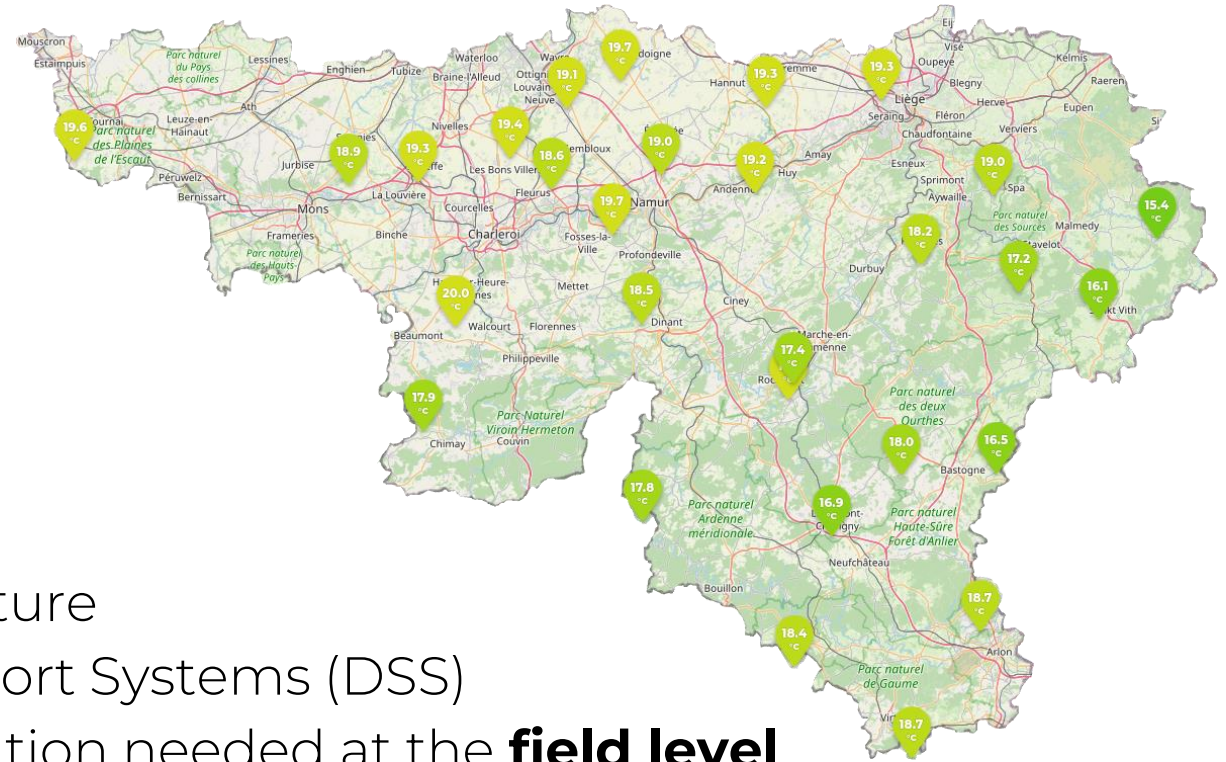
- ~ 30 stations
- ~ 30 km mesh
- representative of the whole region



Precision agriculture

Decision Support Systems (DSS)

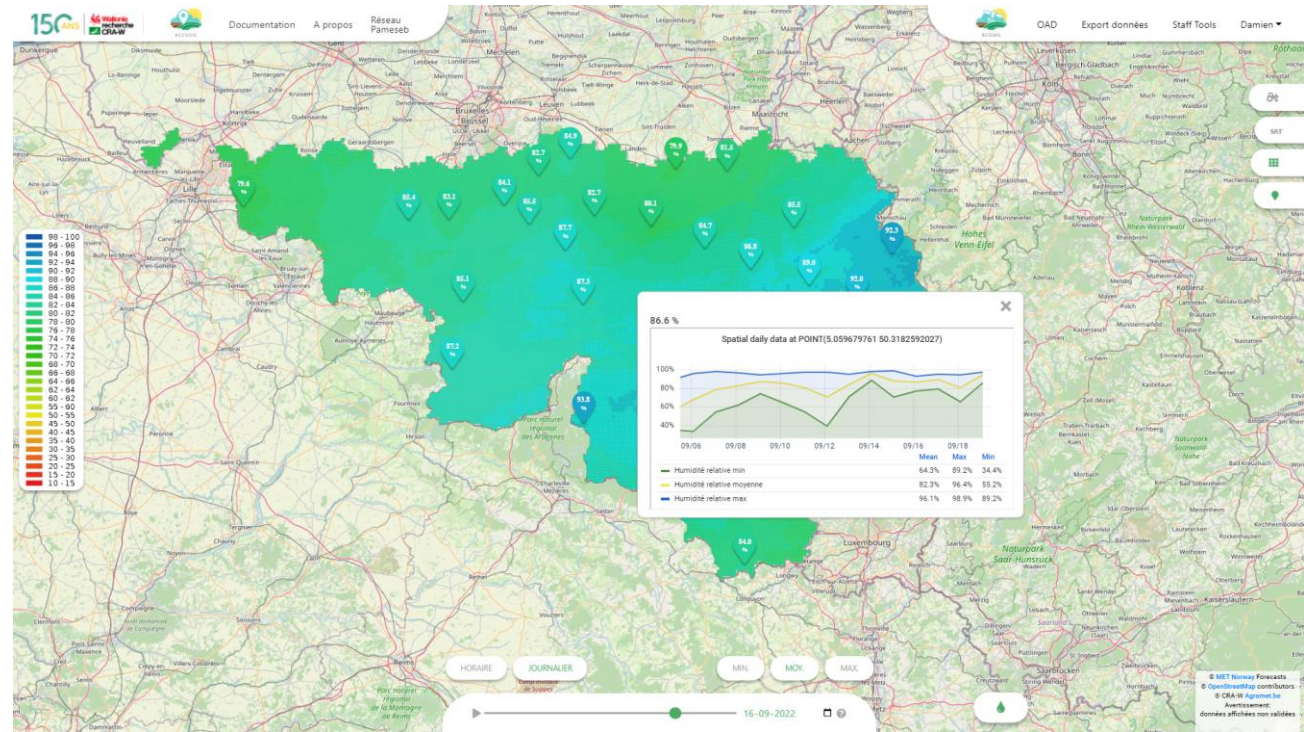
- information needed at the **field level**



Crédits : Noar 91 (<https://commons.wikimedia.org/w/index.php?curid=27705263>)

First results : Agromet.be

- [Agromet.be](https://www.agromet.be): Operational website. Weather data diffusion (station and grid) in Wallonia.
- Near real-time visualisation, data access (manual export or API)
- Agricultural DSSs



Farmers' stations: an opportunity?



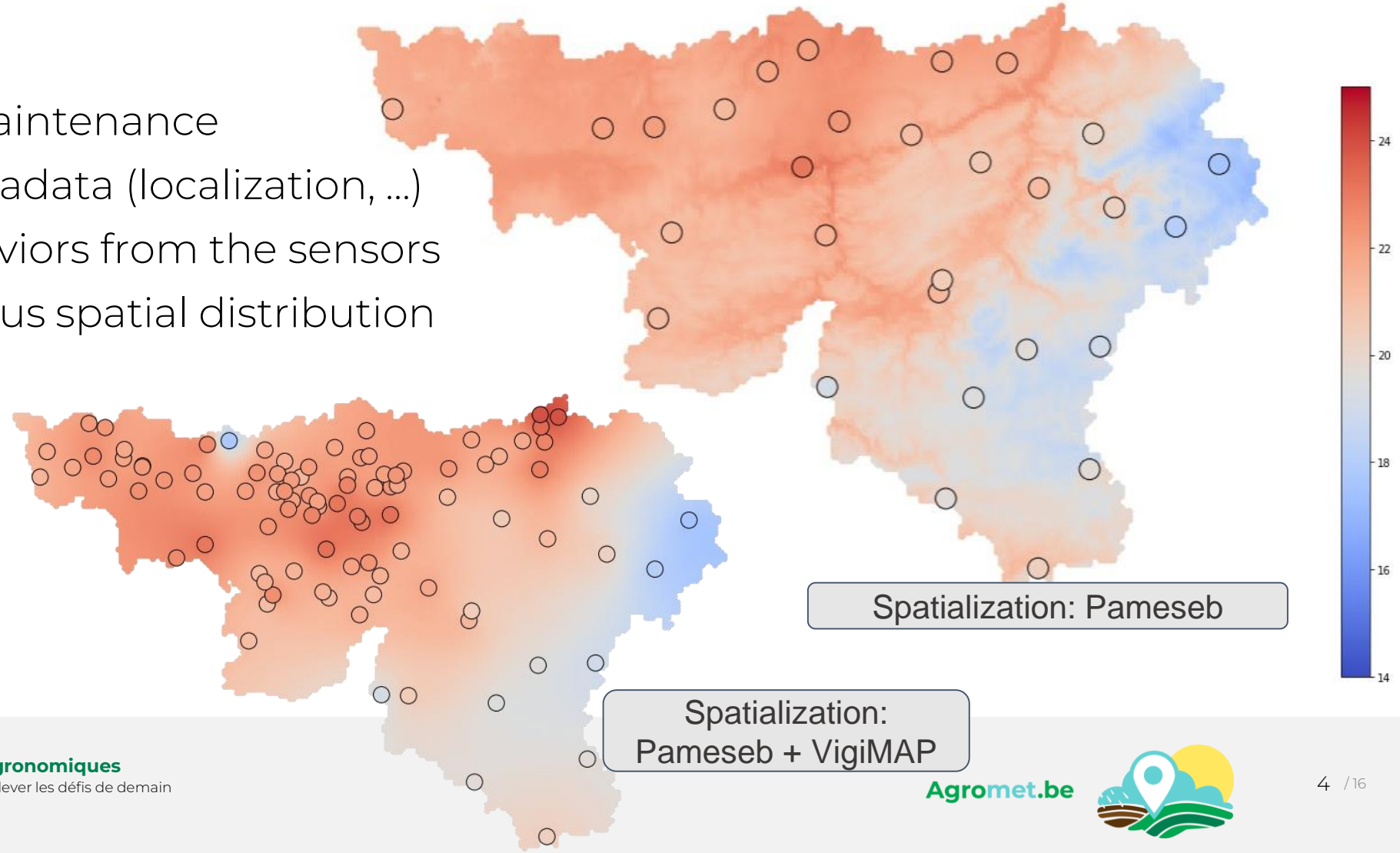
Source :
sencrop.com



Source :
www.isagri.fr

Many challenges:

- quality and maintenance
- changing metadata (localization, ...)
- different behaviors from the sensors
- inhomogeneous spatial distribution
- legal aspects
- ...



Closing words

- **Integration of farmer's station** to improve interpolation : **an opportunity** but **many challenges**.
- Is there a **weather station network** similar to Pameseb network **in Vlanderen?**
- Is there a **team** working on **agrometeorology in ILVO?**

Dank u voor uw aandacht

Bezoek Agromet.be 😊

