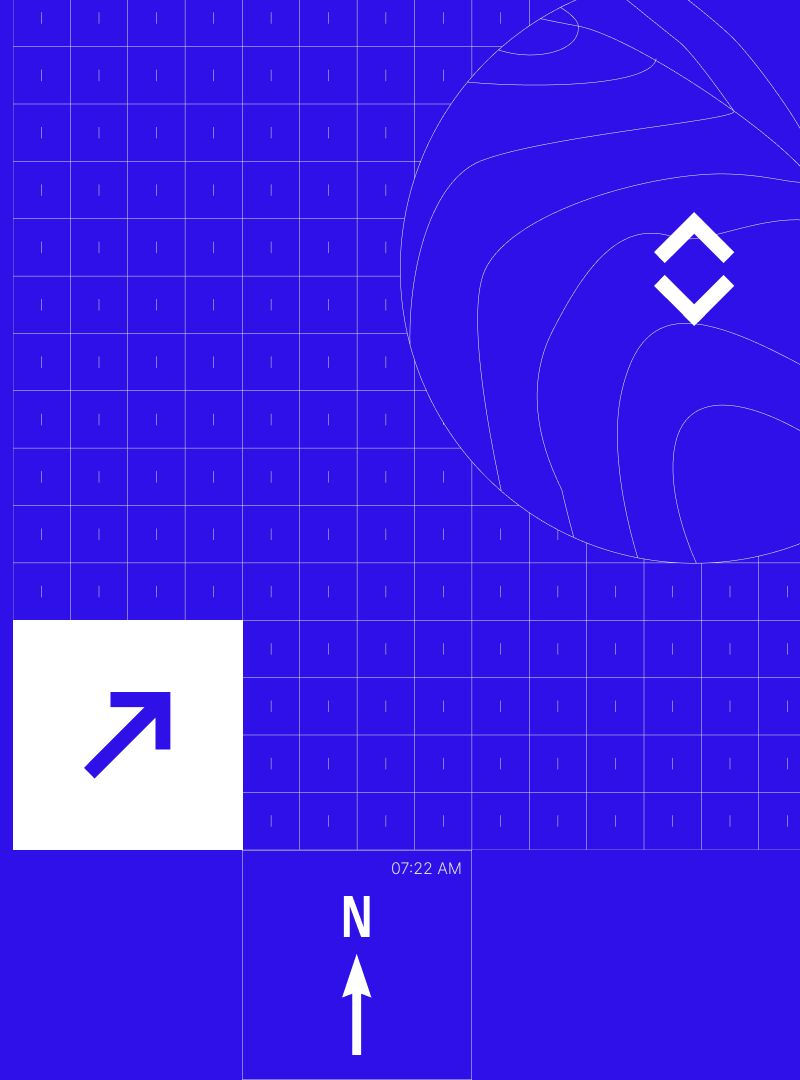


Real-time Weather Data ©

Ruben Hallali - CEO



Executive summary



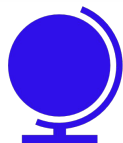
A **breakthrough technology** powered by strong patents.

Network of proprietary sensors with AI & machine learning provides **highest quality weather data, analysis and forecast (1 min, 500 m)**.

Helps **cities & companies** with early warnings to improve resilience to climate risks.



1.250
sensors



5 countries



€440k
2022 revenues



+100%
growth



14
people

People and assets are **increasingly threatened** by **climate change**

Damage to people
and property

85%

Of world's population is
impacted by climate
change

Current tools are not
adapted anymore

10x

Climate change is 10
times faster than any
change recorded in
past 65 million years

Companies are
losing money

\$23tn

Is the **annual global
economic loss** caused
by climate change
across all industries

And **no one is ready**
as they **don't have access to accurate data**

Every sectors
are at risk

22+

**Industries are
weather-sensitive** (cities,
agriculture, global logistics,
transportation, water, energy,
insurance, mining)

Local weather data
is limited

80%

of the world does not
have weather coverage

Weather analyses do
not fit all needs

\$159bn

minimum annual
socio-economic
benefit of weather
prediction

Companies and governments are **desperately looking for a solution** to **anticipate** irreversible disasters



“

Our operational responsiveness is at stake. Our goal is have access to additional weather data to refine our forecasts and therefore the operational response on the field.

”

Lieutenant-Colonel Christophe Pasquini
Operation Director at the Var County fire services



“

Crop production forecast is crucial for us. We need this information for our statistical models, to anticipate the quality and the quantity of our cocoa productions.

”

Jean-Luc Gue
Commodity Research Analyst

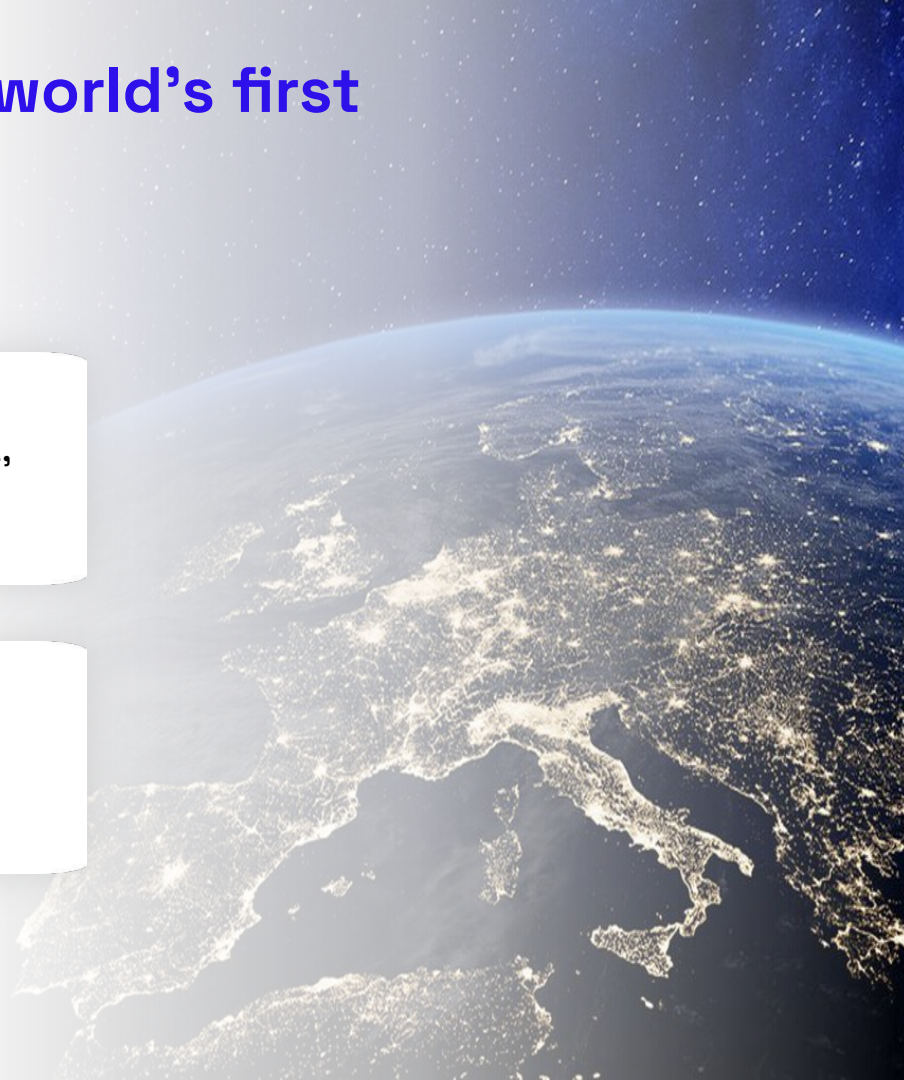
HD Rain tackled it and this is a **world's first**

A unique
technology

Highest quality weather data,
analysis and forecasts

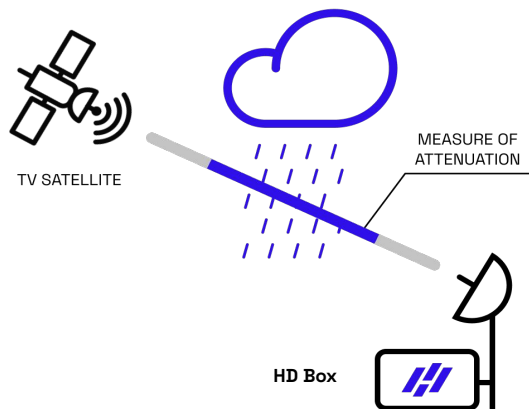
A massive
impact

Saving lives and making each
business resilient to climate
change



A **breakthrough technology** protected by strong patents for **ultra high-definition** data by minute

Local network of sensors



- **100%** geographical **coverage**
- Autonomous in energy
- **Low capital** intensity

High-definition data

Wide range of measures



- State of the art **accuracy**
- **AI & machine learning** software
- **100 times faster**

AI & machine learning

Proprietary algorithm



















Ultra-fast visualisation interface



- **Proven** data reliability
- **Customizable** platform
- **Scalable** parameters

With a **substantial** advantage

Technology	Company	Resolution	Accuracy	Capital intensity	Infra	AI	Modelization	Analysis	CAPEX	Funding
Signal Treatment		500 m	1' / 2h	Low	✓	✓	✓	✓		newfund Seed: €1m  
Weather station	 	Local	6'	Low	✓	✗	✗	✓		B: €30m B: €30m
Radar	 	1km	15'	High	✓	✗	✗	✗		Private Private
Satellite	 	10km	1h - 6h	Very High	✓	✗	✗	✗		IPO: \$678m D: \$184m
Software only	 	10km	1h / 48h	Medium	✗	✓	✓	✗		Private Seed: €2.5m

Filling the gap

Of high speed and accuracy with low capital intensity



Weather station

- \$200-\$1,000
- Stationary data
- Monthly on-site maintenance
- At home installation
- Limited application



HDBOX

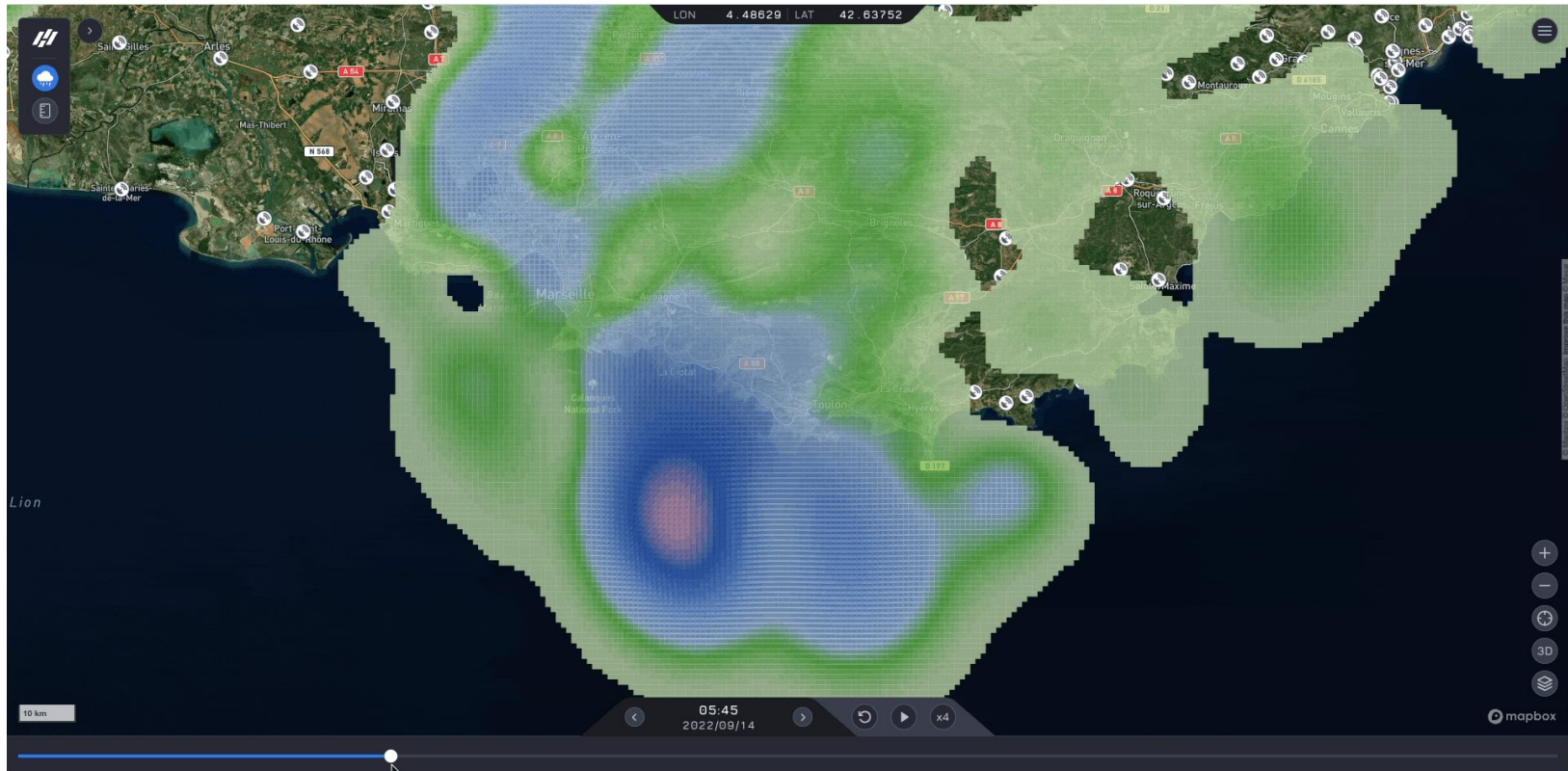
- \$1,000
- Spatialized data 500m / 1'
- Remote updates & yearly maintenance
- Operational within an hour
- User focus



Satellite / Radar

- \$5m - \$900m
- Spatialized data, 2 km / 15'
- >\$1m maintenance/year
- 5+ years until operational
- Need highly trained users/employees

Quick, easy and **ergonomic** access to data, to never again miss an opportunity



Providing the most precise weather data there is



“This app is phenomenal. I have never seen anything like this.”

Lieutenant-Colonel Christophe Pasquini
Operation Director at the Var County fire services



“The added value on the ground is tremendous. Thanks to those sensors we will have an incredibly precise idea of the risks everywhere in our state.”

Lieutenant-Colonel Philippe Chaussinand
Operation Director at the Vaucluse County fire services



“Amazing technology and great team, the winning combination!”

Paolo Pezzati
Head of Digital



“The precision required for good forecasts is hard to achieve with the current infrastructure. I am a huge user of weather apps and I am impressed with what HD Rain was able to develop in 2 years.”

Valérie Emphoux
Water and flood prevention Director at Sophia Antipolis District



“HD Rain data helps us refine crop forecasts. With an autonomous system in the readings the product of HD Rain is the future of the equipment and the solutions of weather readings.”

Jean-Luc Gue
Commodity Research Analyst

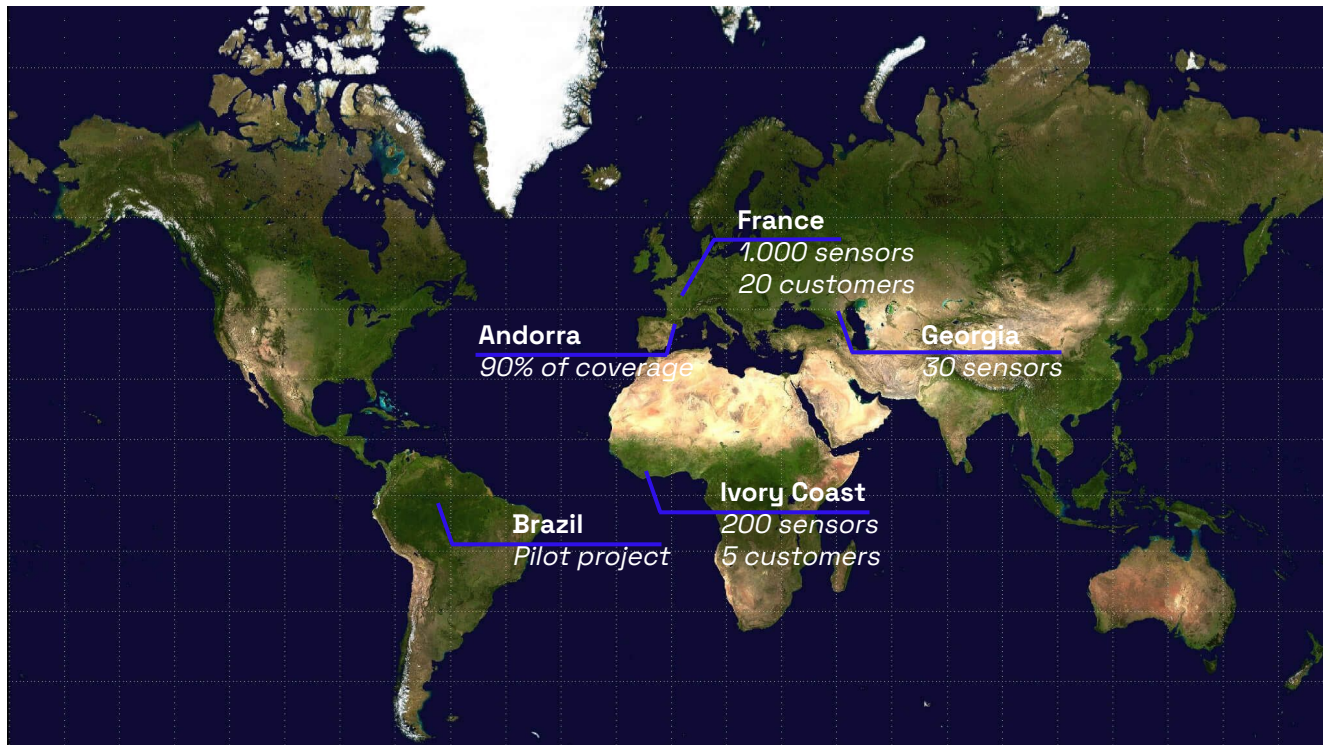
Already being **massively deployed** in South of France, now getting the **most precise weather data**

HD Rain has installed 1.000 sensors in the Mediterranean Arc in 4 months

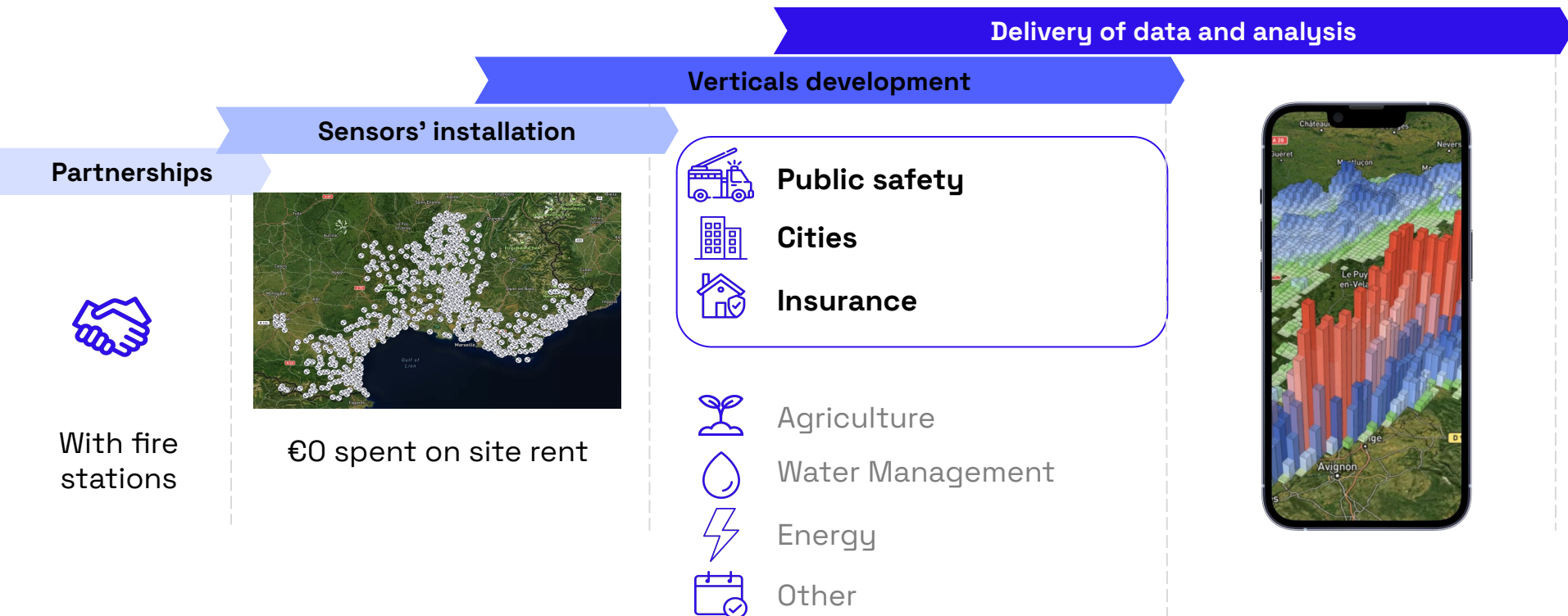
- **11** french states concerned
- **850** fire stations partnering the project
- **19%** of the French population protected
- **60.000 km²** of territory covered
- **€400k** of investments for this coverage



And already deploying our solution **globally**



Replicating our efficient **go-to-market strategy** to develop **market verticals**, optimizing time & resources



Our SaaS business model

Classic subscription

- ✓ WebApp access
- ✓ Rain accumulations & intensities
- ✓ History of the last 24 hours

5€/month/sensor

Sensor installation

Coverage per sensor: From 1 km

- ✓ Installation
- ✓ Commissioning

1 000€/sensor

HD Rain options

- + Temperature
- + Humidity
- + Pressure
- + Real-time
- + 2-hour forecast
- + 500 meters accuracy
- + Weather certificates
- + Express maintenance
- + Exclusivity
- + Data logs
- + Maintenance

On demand

Our customers & partners have **trusted us** for over 4 years

Customers



Partners



Support



CONTACT

Ruben Hallali

CEO

ruben.hallali@hd-rain.com

+33 6 67 46 88 95



HD RAIN