



SMART CLOUD FARMING

ADVANCED SOIL ANALYTICS USING REMOTE SENSING

For a new era of agriculture

Soils are being treated blindly.

Imagine if the spread of coronavirus could be identified via satellites in real-time.

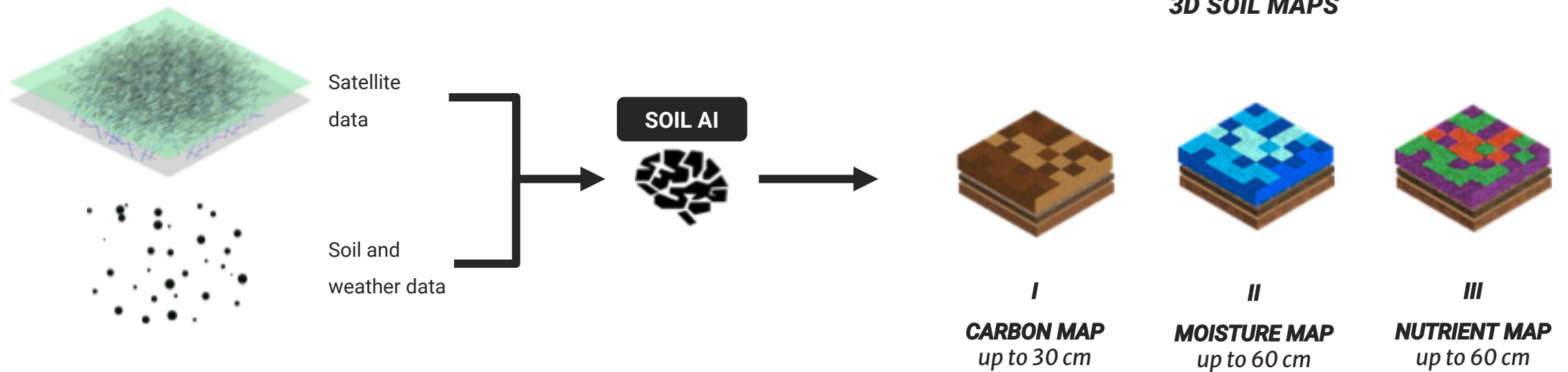
***That's the impact we bring to agriculture.
At SmartCloudFarming, we shed light in the dark.***

While soil is the foundation for our food production and can pull a majority of carbon out of the atmosphere, we are blind about its condition.

We, at SmartCloudFarming, are changing this.

High-Resolution 3D soil maps for depth information

AN INTELLIGENCE ENGINE THAT LOOKS BELOW THE SURFACE



Customer Success

OUR PILOTS PROJECTS WITH OUR REMOTE SOIL CARBON PRODUCT



Vision

More sustainable supply chain by improving agricultural practices

Status Quo

Occasional conventional sampling to identify best practices & track progress

Unreliable representation of surface (4 points / field)

Success Criteria

- Scalable & fast process
- High representation of whole field surface
- Replicable and reliable data over time
- Soil-lab level accuracy
- Cost-efficient

Process

- Existing Soil AI as foundation
- Initial calibration for local conditions based on ground soil data
- 24/7 access to model predictions based on latest satellite data

Results

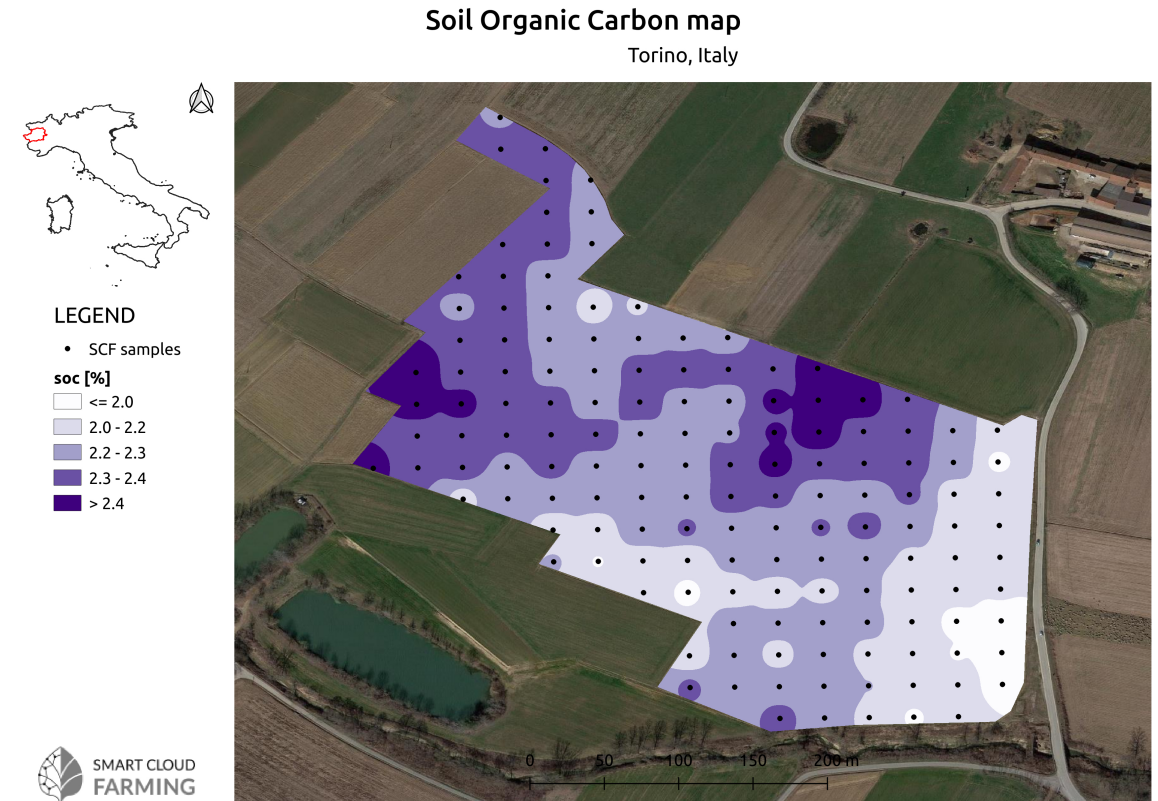
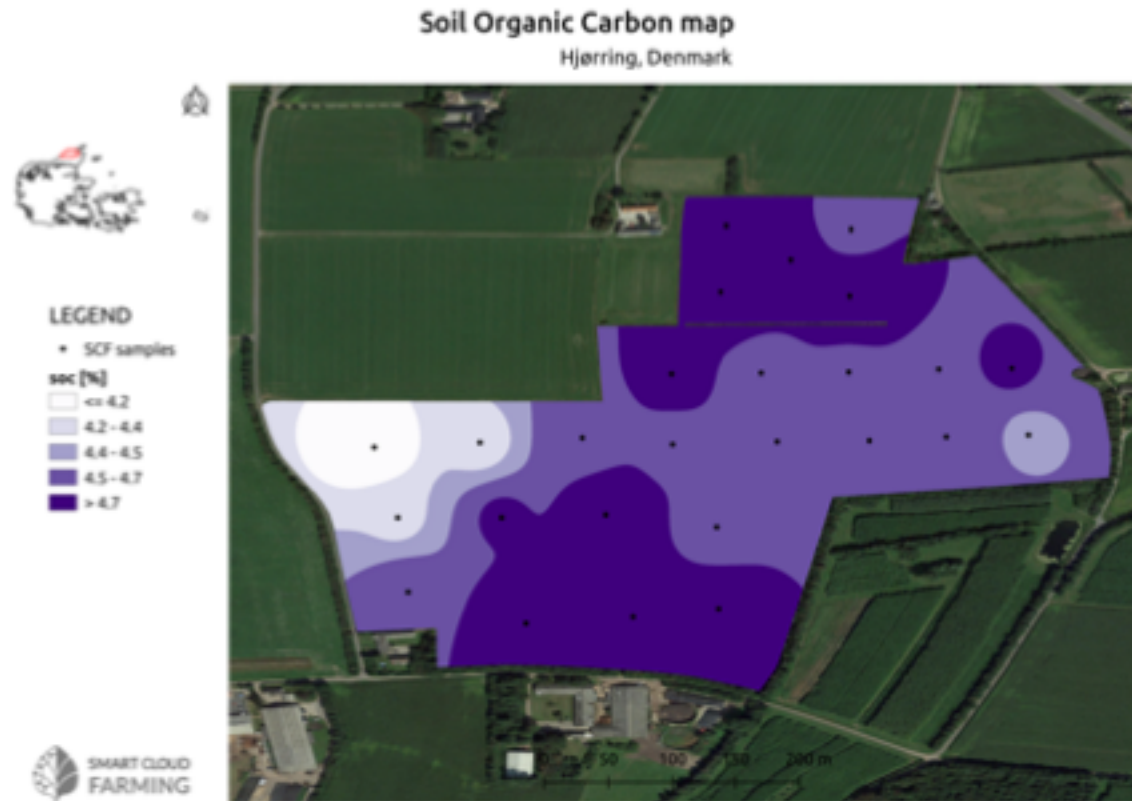
Soil AI predictions competitive to lab data with **<0.4% error**

Live data after initial calibration

12x more surface represented (**50 points/field**)

You can't use an old map to explore a new world.

SOIL ORGANIC CARBON % UP TO 30CM BELOW THE SURFACE





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