



Food and Agriculture
Organization of the
United Nations

GLOBAL SOIL
PARTNERSHIP
12th Plenary Assembly
03-05 June 2024

GENESIS

Only facts matter.

Quentin Sannié, Founder

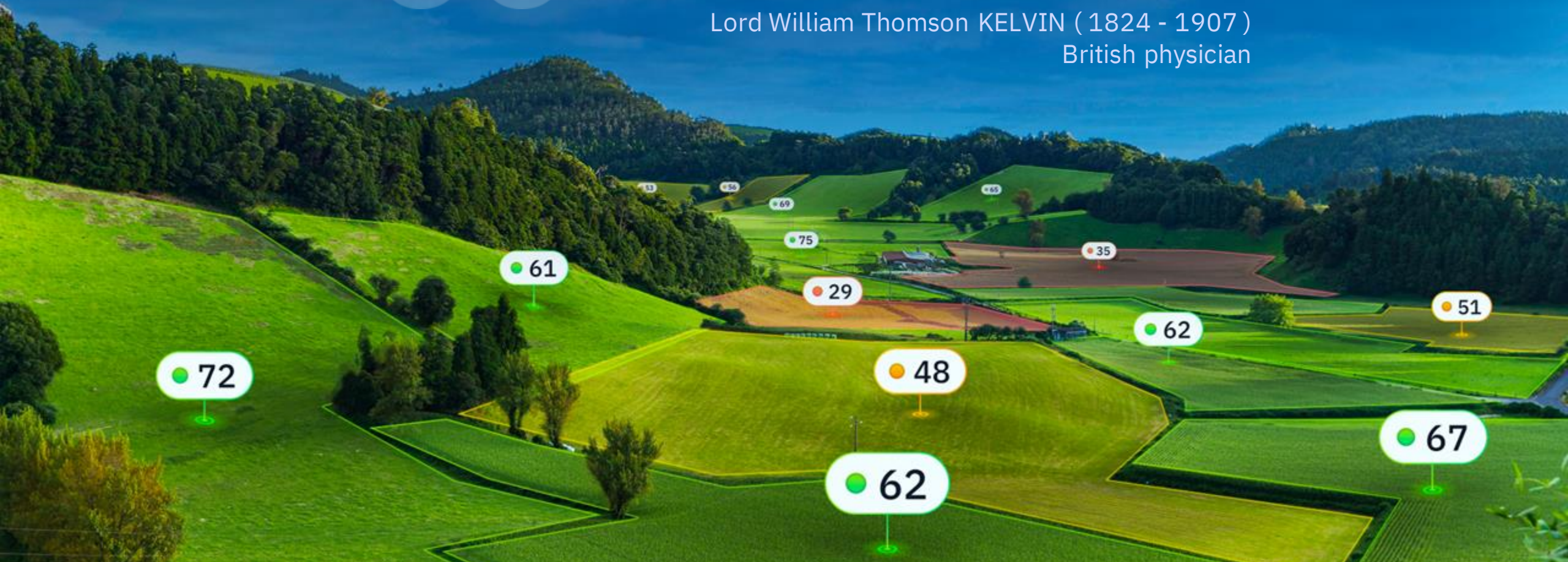


GENESIS' MISSION

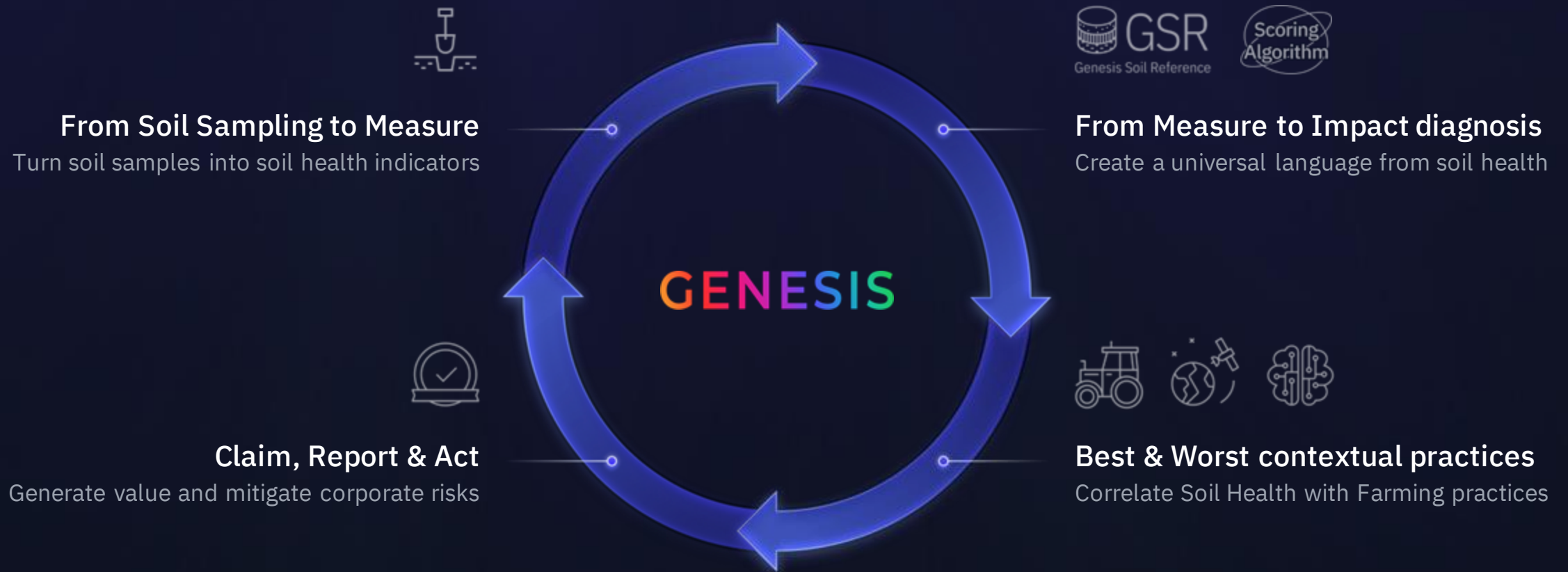
Preserve and restore soils

You can't improve
what you can't measure.

Lord William Thomson KELVIN (1824 - 1907)
British physician



Virtuous circle | Reliable knowledge enables soil preservation.



Assets | A unique know-how designed to deliver value.



Scientific excellence

- ✓ Standardization contributor
- ✓ Pioneer research programs member
- ✓ Largest soil health referential



Data intelligence

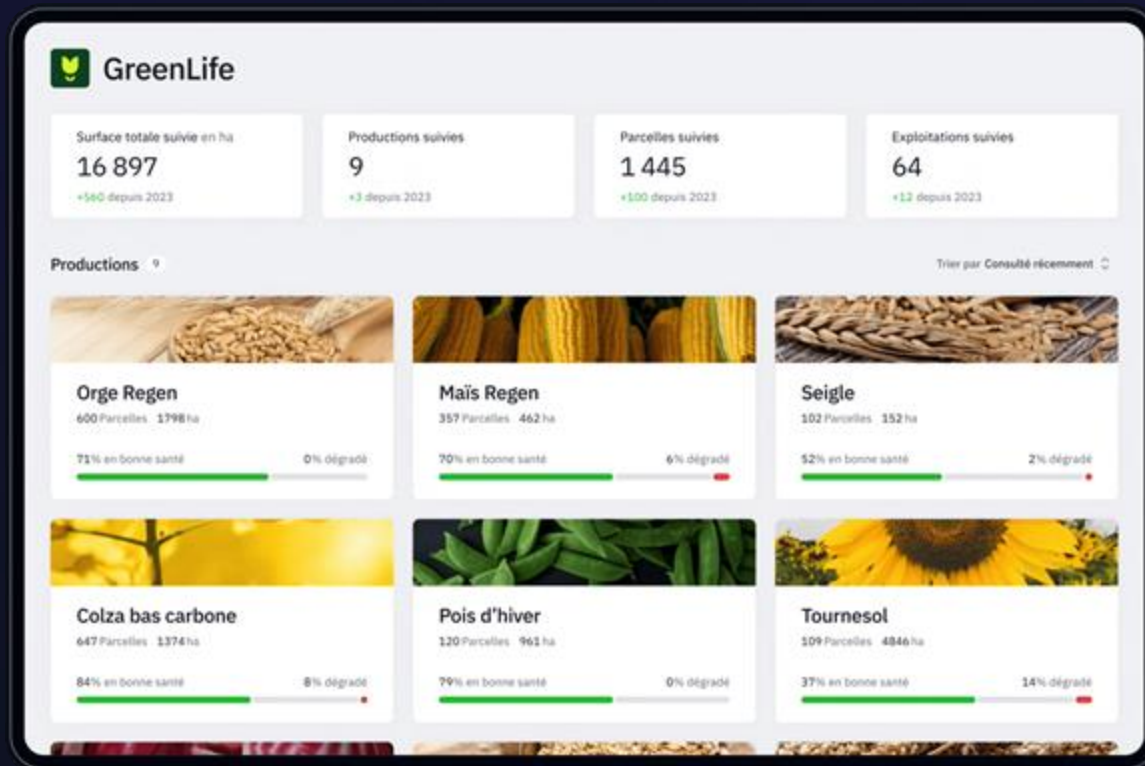
- ✓ Statistical sampling
- ✓ Scoring algorithm
- ✓ Satellite and ML insights



Global operations

- ✓ Standardized protocols
- ✓ Subcontracted sampling
- ✓ Regional laboratories

Platform | Soil business intelligence for the whole value chain.



NEEDS

BENEFITS

AGRONOMY

Decision support, monitoring tool

Soil analysis, best/worst practices identification, smarter advisory

SOURCING

Specifications, risk mitigation

+X€/ton for commodities and product sold, secured sourcing

MARKETING

Innovation, communication

Opposable claims, differentiation

ESG

Regulatory compliance, monitoring

CSRD, SBT reporting

AUDIGIER Claire 1_2 71

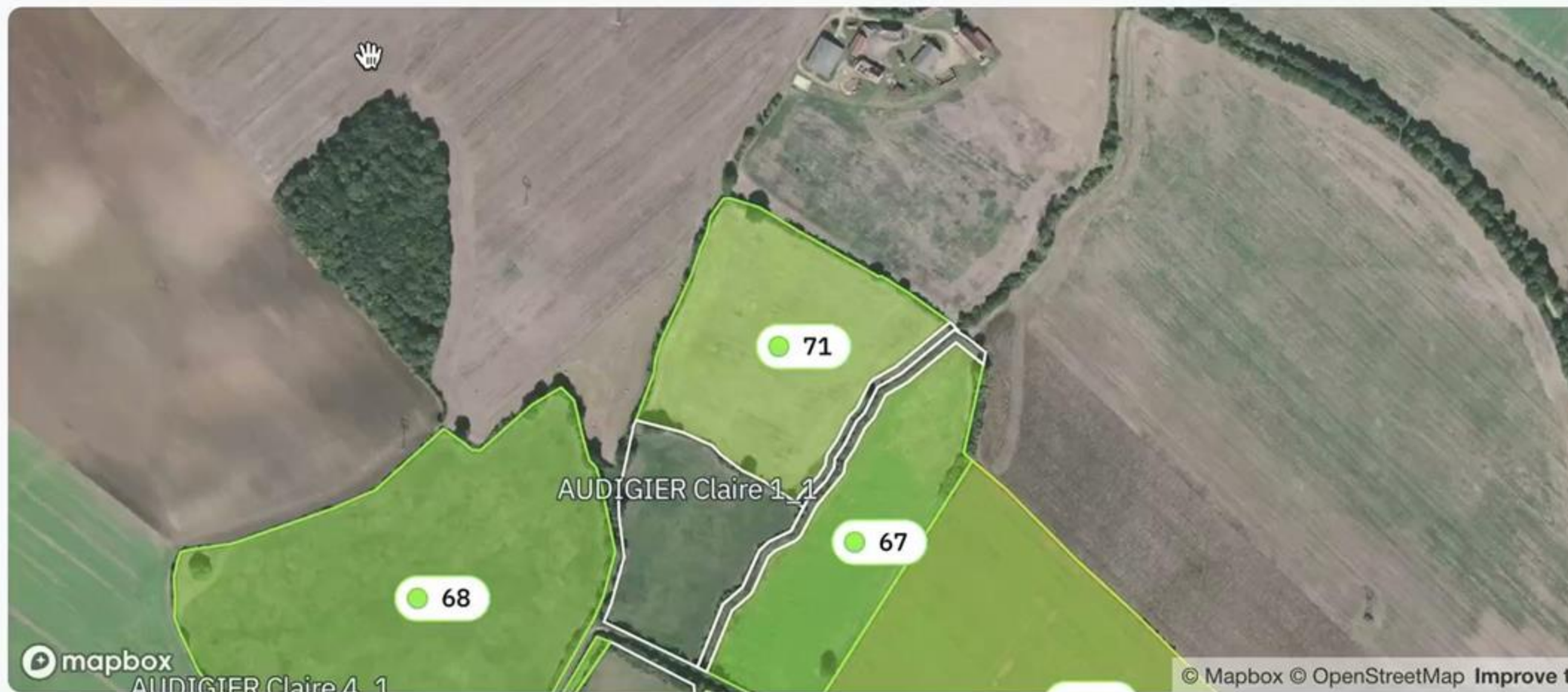


4.3 ha Arable land

Summary

Pedology

Culture



Filters

- Tournesol Worst (Couvert+Score) ...
- Blé Tendre Hiv Best (Couvert+Travail+Ferti) ...
- Blé Tendre Hiv Worst (Couvert+Travail+Ferti) ...
- Blé dur Hiv Best (Travail+Score) ...
- Blé dur Hiv Worst (Travail+Score) ...

Save current view

- POPULATION >
- PRACTICES >
- CULTURES >
- SCORES >
- CONTEXT >

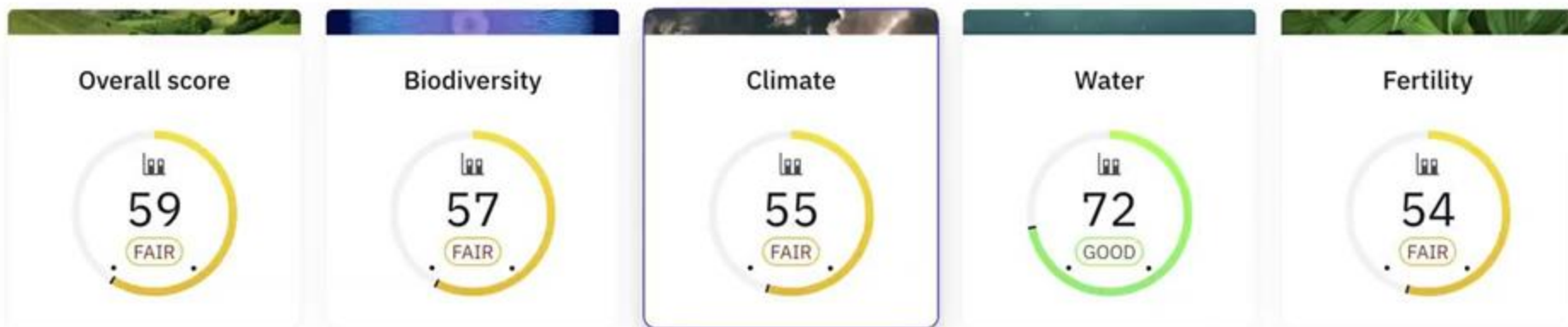
Chart Stats

Metric Climate

Export...

Stats

SCORE **55** PARCELS 1268 / 1268 AREA 15,593 ha / 15,593 ha



Total organic carbon **FAIR** 51 / 100



Bioavailable carbon **FAIR** 42 / 100



Balance of carbon forms **GOOD** 68 / 100



Balance of mineral nitrog... **GOOD** 63 / 100



Bacterial diversity **FAIR** 52 / 100



Nitrous oxide emission risk **FAIR** 51 / 100



Oxygen availability **FAIR** 55 / 100



Water erosion **GOOD** 86 / 100



Maximum water reserve **FAIR** 46 / 100



Salinization **GOOD** 100 / 100

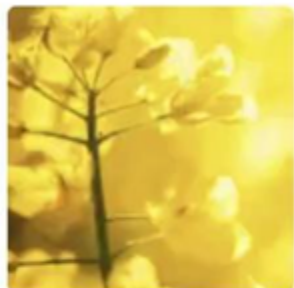


Nitrates **GOOD** 100 / 100



Total copper **GOOD** 77 / 100





Colza

France

1,125 parcels 14,435 ha

Soil health

47% in good health

3% Degraded Area



Soils in good health by index

Proportion of soils with a score over 60/100 for each index

Biodiversity

46% in good health

3% Degraded Area



Climate

36% in good health

12% Degraded Area



Water

93% in good health

1% Degraded Area



Fertility

26% in good health

5% Degraded Area



Impact by country



Genesis' Footprint | Business intelligence for bio-sourced leaders.





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THANK YOU

