

EO services contributing to SDGs

CropEO



2 ZERO HUNGER

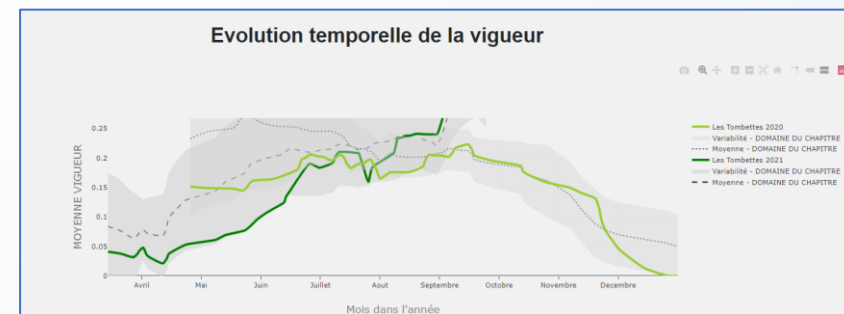


- User: Cooperatives, farmers
- Challenge/Needs: Crop development anomalies detection
- Initiative: CropEO – Crop growth monitoring, comparison between fields and with the previous years if relevant and early alerts when a deviation is observed at field level
- Results: early alerts on growth deviation
 - Benefits: (i) Early and precise detection of crop development anomalies, at various scales (plot and farm) and timelines (DoD, YoY) (ii) Plan field interventions accordingly (iii) Use workforce relevantly (iv) Adapt crop rotation
 - Impact: (i) Prevent unnecessary field visits and save money (ii) Adapt field interventions to the real situation of each crop (iii) Reduce anomalies over time and gain farm homogeneity for better crop yield and increased revenues
 - Highly repeatable solution
- Service Provider: TerraNIS

Target 2.3: By 2030, double the agricultural productivity and incomes of small-scale food producers, in particular women, indigenous peoples, family farmers, pastoralists and fishers, including through secure and equal access to land, other productive resources and inputs, knowledge, financial services, markets and opportunities for value addition and non-farm employment.



Level of heterogeneity observed in each field



Annual comparison of the growth cycle of one field

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<http://www.terranis.fr/en/precision-viticulture/>