

EO services contributing to SDGs

Earth Observation data for Agriculture and Forestry

SATELLOGIC



- **User:** Agricultural companies, intensive and extensive farming programs, independent farmers
- **Challenge/Needs:** Visualization of the land, the evolution of crops, and the impact of weather on a continuous basis
- **Initiative:** Accessible and affordable EO data for the agribusiness sector to optimize future yields and enable food security
- **Results:** Capability of monitoring agricultural health enables actions that help towards food security. Refer to case study: [Food Security: Using EO Data to Monitor Agricultural Health](https://satellogic.com/2022/08/24/food-security-using-eo-data-to-monitor-agricultural-health/)
- **Service Provider:** Satellogic

<https://satellogic.com/2022/08/24/food-security-using-eo-data-to-monitor-agricultural-health/>
<https://satellogic.com/earth-observation/agriculture-forestry/>

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. (*Management of farming*)

Target 2.4: By 2030, ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality. (*Agricultural productivity & env. impact of agriculture*)



Voznesensk in Southern Ukraine. Ukraine is a top exporter of wheat. Earth Observation data can help gather actionable insights on crops and renewable energy projects alike.