

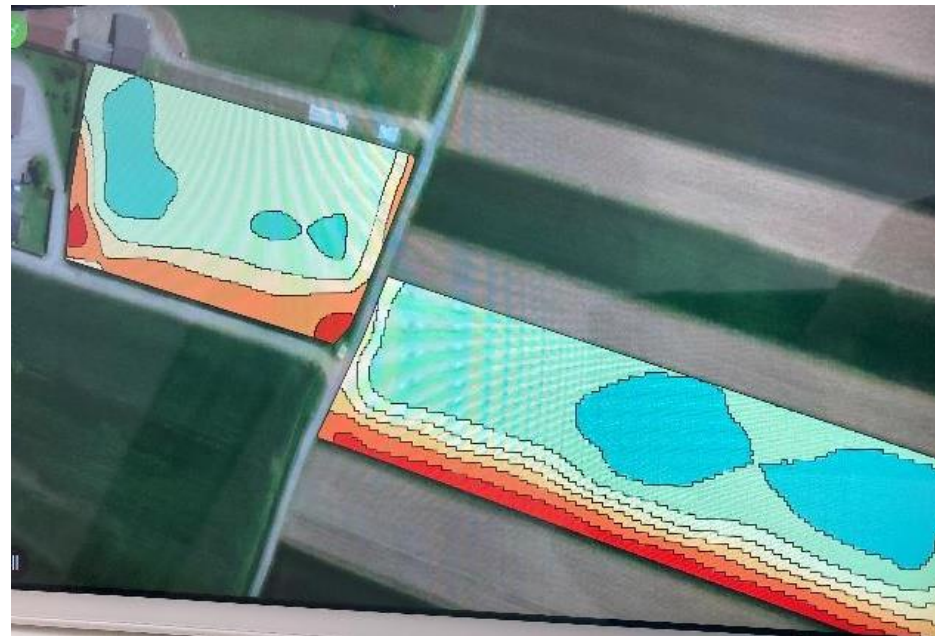
- Developed in the scope of the ENVISION project
- Optimization and digitalization of farming based on Satellite data
- Using The Copernicus SENTINEL-2 constellation
- Sentinel hub cloud API for acquiring satellite data
- Access to Sentinel hub sponsored by ESA (European Space



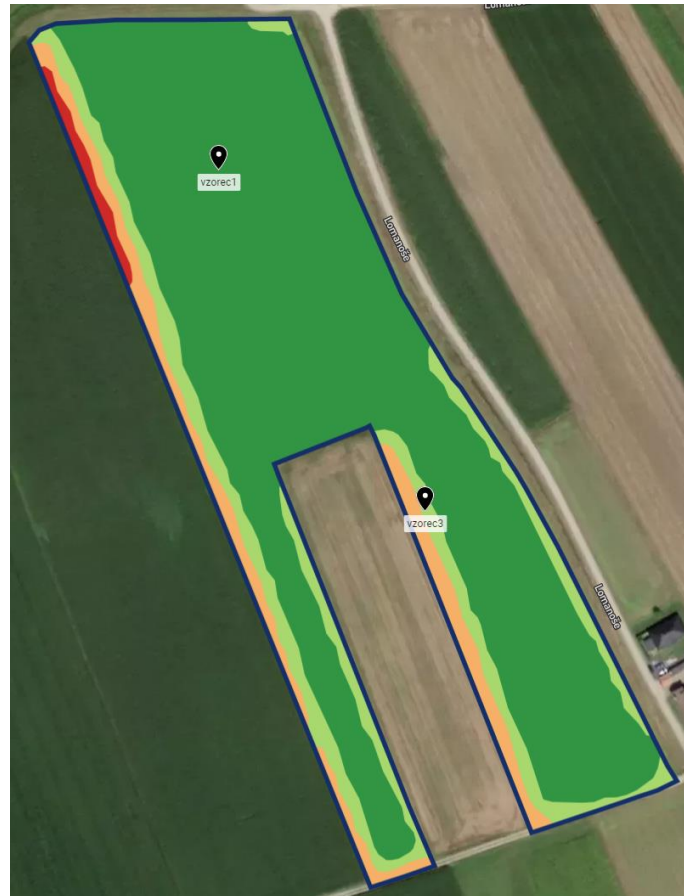
Agency)



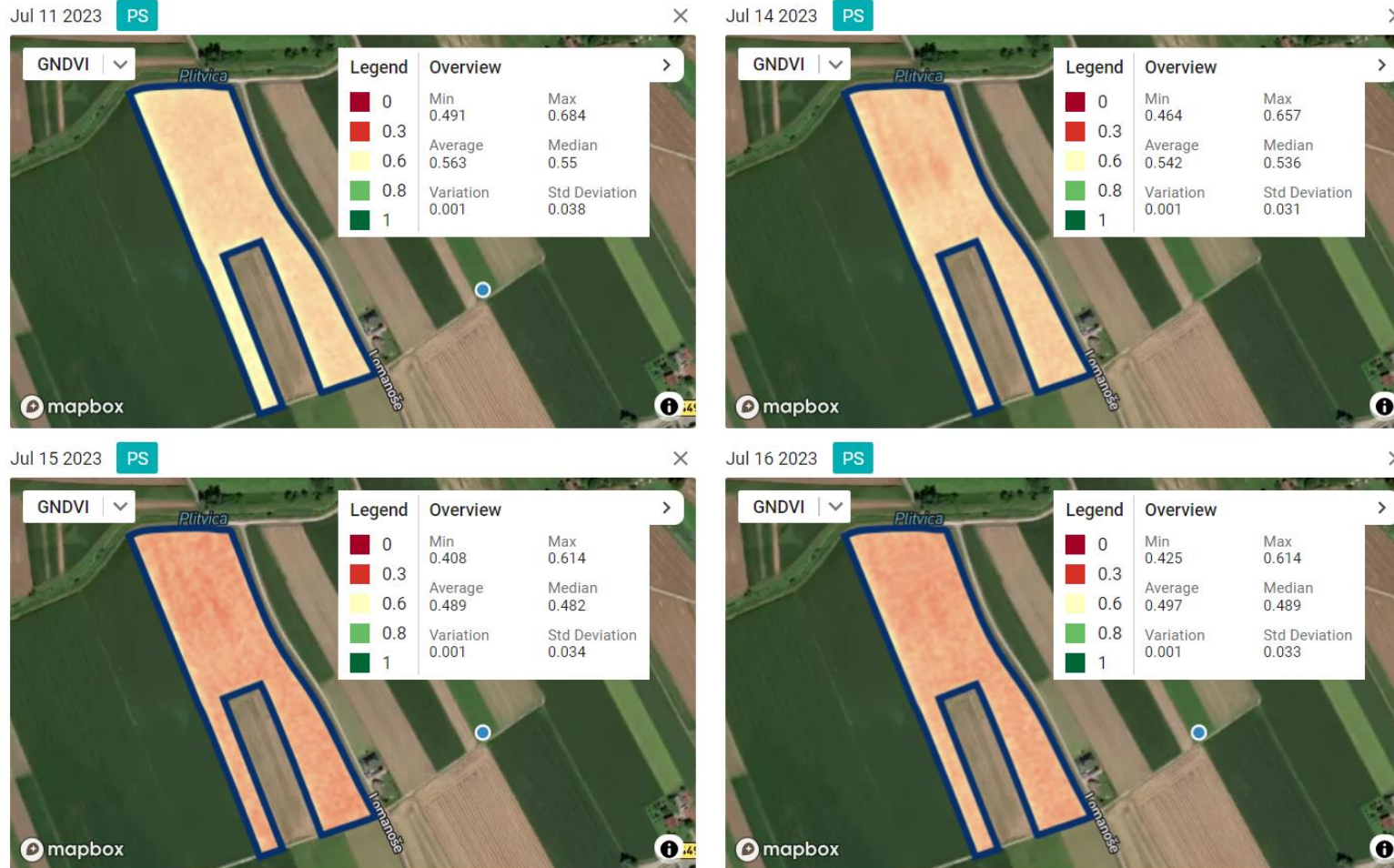
- Continuous and systematic monitoring of agricultural land
- Cultivated crop type maps
- Vegetation status
- Crop growth



Smart fertilizing based on zones created using NDVI index from satellite data



Optimization of harvesting time based on GNDVI data



- **OUTCOMES & BENEFITS**
- **Improved and optimized workflow on farms**
- **Reduced GHG emissions due to reduced usage of fertilizers**
- **Optimized farm economy**

