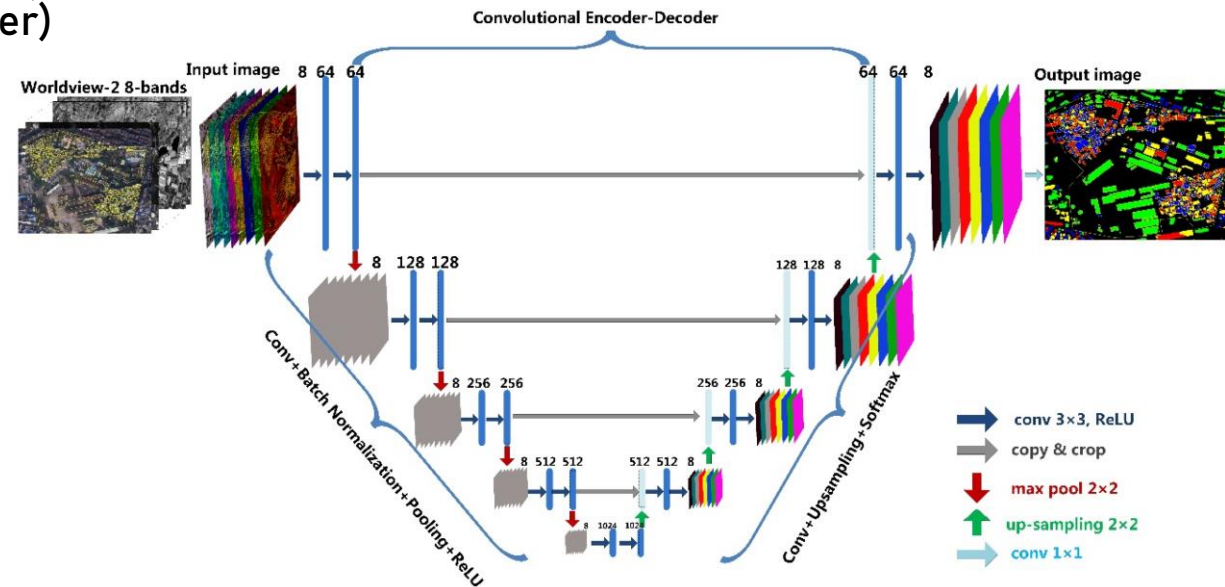
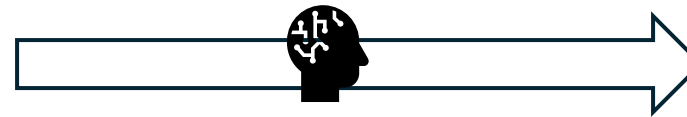
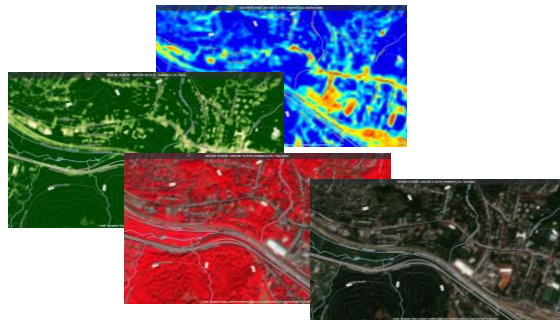


EfficientNet U-Net Architecture

- Soil Sealing threatens: Biodiversity, Air Quality and contributes to Global Warming.
- Our project aims to detect soil sealing in a scalable way by utilizing Sentinel data and AI.
- The project is [open-sourced](#).
- AI training is based on openly-available training data (Sentinel2, OpenStreetMap, CNES Landcover)

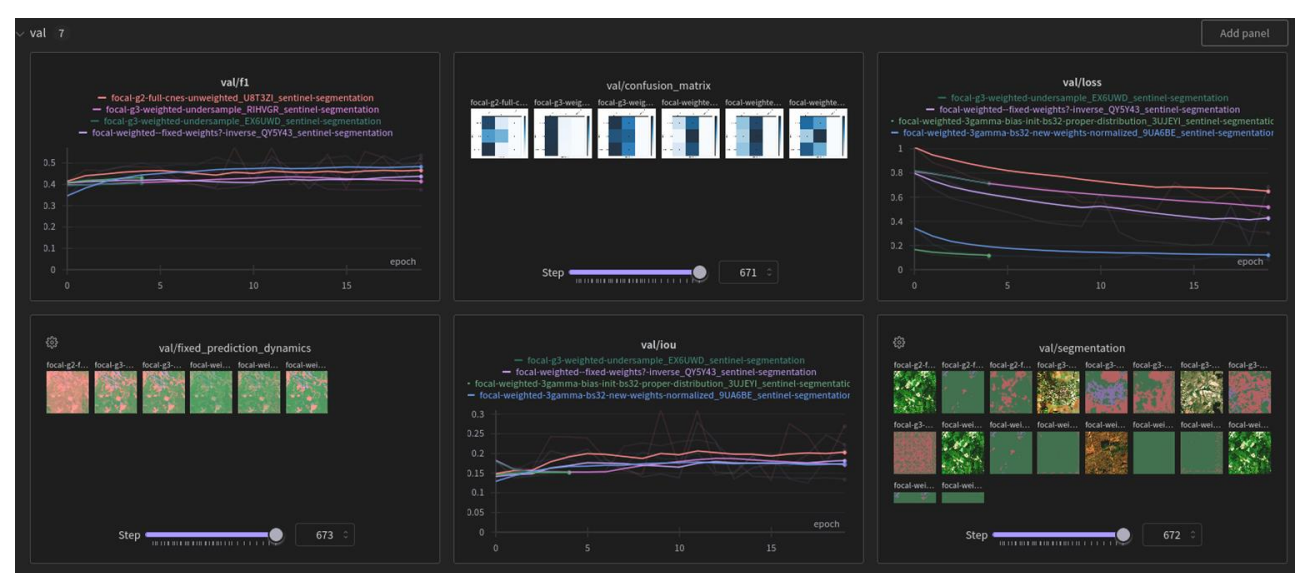
Sentinel II Data



Land Cover Map



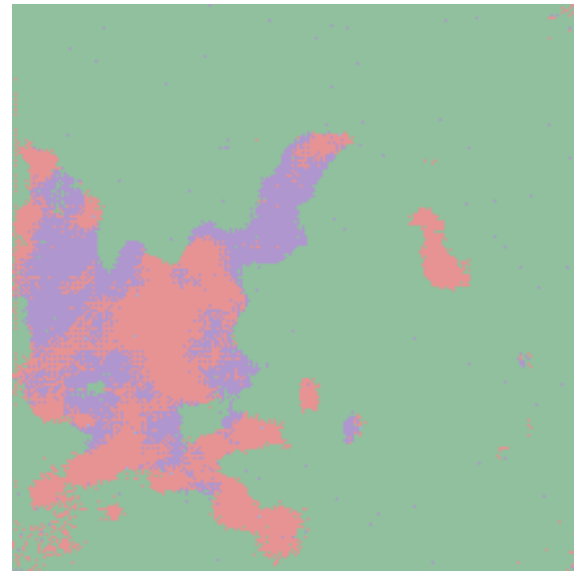
Our Results



Sentinel-2 Image



Predicted Map



Overlay

