

The Forestry TEP Platform Package provides a combined offering of the following capabilities:

- Forestry TEP Processing Services
- Forestry TEP Software Tools
- Forestry TEP Service Hosting
- Forestry TEP Development Environment

### **Forestry TEP Processing Services**

The platform enables online value-adding of the optical and radar satellite data available on the platform. The users can also upload and process their own data. The processing services provided on Forestry TEP are primarily designed to support remote sensing and GIS experts operating in research or industry, in the forestry domain and beyond. The currently available services are listed in the table on the bottom (subject to change).

The output products can be downloaded or shared, or they can be used as input to another processor or tool, e.g. for visualization or further analytics. All processing services are accessible through a web interface and via REST API. The underlying cloud infrastructure is automatically employed, without the user needing to configure the environment.

### **Forestry TEP Software Tools**

Popular open-source software tools can be accessed directly on the platform via the web browser, using the tools with their native graphical user interfaces. The outputs will be accessible to the user on the platform, and they can be further downloaded, shared or used as input in another process. The currently available software tools are listed in the table on the bottom (subject to change).

### **Forestry TEP Service Hosting**

Users can create and host their own processing services on the platform, enabled via the online Forestry TEP Development Environment. The created services can be used privately, exploiting the data available on the platform. The services can also be shared to selected other users, or they can be offered for general use on the platform with suitable licensing.

### **Forestry TEP Development Environment**

The platform provides an online development environment that allows creation of new processing services, based on user's own or external algorithms. The developers can use any programming languages and libraries available on Linux, such as SNAP or GDAL. It is not required to set up a local development environment or perform any algorithm packaging. Basic understanding of Docker and Linux environment will be helpful to the developer.