

Forestry TEP Platform Package

Forestry TEP is an online solution for researchers, businesses, and public entities to efficiently apply satellite data for value-adding forest analysis and monitoring purposes. The browser-based environment facilitates improved forest management while ensuring sustainability and carbon sequestration. A key aspect of Forestry TEP is the capability it offers for users to create new services on the platform and to optionally share them.

The *Forestry TEP Platform Package* provides a combined offering of a range of capabilities:

- Processing Services and Tools (DPaaS): Forestry TEP enables online value-adding of the optical and radar satellite data available on the platform or any data uploaded by the user. A range of processing services is available, primarily targeted for remote sensing and GIS experts operating in the forestry domain. Parallel execution of the services is supported, and systematic processing of new data can be set up. Popular open-source software tools can also be accessed directly on the platform via the web browser, exposing their native graphical user interfaces.
- Development Environment (IDE): The Developer interface on the platform provides flexible options for 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. Setting up a local development environment or algorithm packaging is not needed. Basic understanding of Docker and Linux environment will be helpful to the developer.
- Service Hosting (AlgoHosting): Users can create and host their own processing services on the platform, enabled via the online Development Environment. The created services can be used privately, but they can also be shared to a select group of colleagues or customers. For the widest applicability, the new services can be made publicly available to all, with a case-by-case agreement concerning licensing.
- Collaboration and Interfacing: The created output products can be downloaded or shared, or they can be used as input for another processor or tool, e.g., for visualization or further analytics. Apart from the web interface, all processing services on Forestry TEP can be accessed also from outside the platform, via the offered REST and Python APIs.

User Manual, Service Developer Guide and API specification are available at f-tep.com/helpdesk.

Options

The Forestry TEP Platform Package is available on subscription basis in three variations, to support users with varying needs: **Basic**, **Standard** and **Premium**. Each option provides similar access to the full data catalogue and processing capability, as well as the development and hosting of user-created services and other features of the platform. The options vary in their selection of included processing services and the scale of processing activity and data storage. For specifications, please refer to [Offering](#) and [Subscription](#) on the Forestry TEP website f-tep.com.

Forestry TEP Platform - Support services

Forestry TEP User Training

We offer user training services to support the efficient use of the platform. Trainings can be arranged as online webinars or on-site events and tailored by the needs of the participants. Basic frameworks for training are Introductory and Advanced Trainings. Introductory Training covers e.g. accessing the platform, navigating the user interface, locating EO data, using the processing services and tools, managing the data and collaborating on the platform. With Advanced Training, the participants learn the developer features that enable creation and publishing of processing services.

The service is provided on request, with applicable pricing based on the scope of the activity.

Forestry TEP Exploitation Support

We offer close assistance in effective use of Forestry TEP in support of the user's specific task. In addition to tutorials and documentation, we provide direct consultancy support in locating and understanding the best applicable processing services, tools and data, in using the platform features such as sharing and development, and generally in taking the best use of the platform capabilities to reach the user's goals.

The service is provided on request, with applicable pricing based on the scope of the activity.

Forestry TEP Feasibility Analysis

To support the maturity assessment of the user's new processing service for publishing on the platform, feasibility analysis is required for service onboarding. We analyse the service from multiple viewpoints in terms of its operational readiness. The outcome of the analysis includes specification of the steps required for successful service onboarding. A recommended follow-up service is the Forestry TEP Onboarding Support, to assist in integration of user's service on the platform.

This service is offered with the fixed price of 5.000 EUR.

Forestry TEP Onboarding Support

Onboarding support is recommended as a follow-up to the Forestry TEP Feasibility Analysis, to support the service finalization and onboarding. Onboarding support includes user-centric training and direct consultancy to the service developer, towards establishing the user's method on the platform and optionally making it available to other users.

The service is provided on request, with applicable pricing based on the scope of the activity.