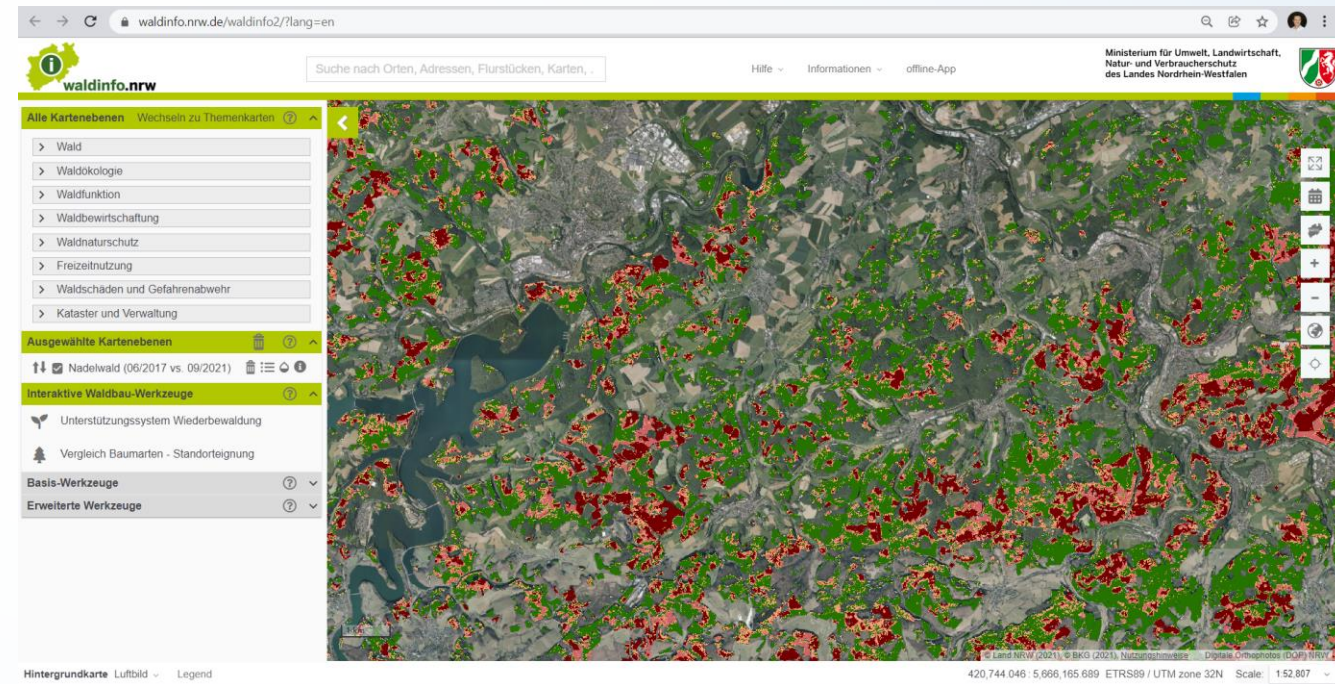# Services contribution to support restoration of FOREST

- **Users:** public authorities – forest management
- **Challenge:** restore and preserve the health of Europe's forests, create diverse and resilient forests
- **Initiative:** Provide a service, leveraging public as well as high resolution, high revisit Planet data to monitor the health of forests for public authorities.
- **Results**. The service enables to detect and monitor, to the level of detail of individual trees important attributes such as: tree species, vegetation type and vegetation health (e.g. water content, chlorophyll levels, pest outbreaks etc.). This also allows for early warning to detect encroachment and invasive species as well as monitoring land use conversion.
- **Service provider:** EFTAS
- **References:** example: www.waldinfo.nrw.de

EFTAS forest monitoring system for the German Bundesland of Nordrhein-Westfalen

Target 15.5: Take urgent and significant action to reduce the degradation of natural habitats, halt the loss of biodiversity and, by 2020, protect and prevent the extinction of threatened species.

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