HORIZON EUROPE · EUSPA · FUTUREFOR.EU

Forests change faster than the data about them.

FUTUREFOR builds Copernicus-based forest monitoring for Europe's forest monitoring framework — and turns three parts of it into services you can buy. **Eight partners, November 2024 to April 2027**, coordinated by Riscognition.

THE THREE BUSINESS CASES

WORK PACKAGE 6

01 Biomass mapping and intelligence for powerplant operation optimisation

COORDINATED HERE

Beetle ForTech with Joanneum Research

Data layers that show where biomass sits in a catchment, and on-demand layers that track how disturbances such as storms change what is available — for plant siting, consistent resource supply and logistical efficiency.

Biomass power and heat plants · pellet and wood supply chains · procurement and logistics

02 FireFence — wildfire risk for critical infrastructure

Riscognition with LINKS Foundation

A management and decision support tool for wildfire risk around powerlines, wind farms and photovoltaic plants, combining enhanced hotspot detection and fuel maps from Copernicus EFFIS with a geofencing service.

Energy grid operators · renewable energy producers · network operators

03 Open forest data for private forest owners

Kermap with Joanneum Research, LINKS and Riscognition

Continuous satellite monitoring of forest condition, delivered through the Forest Digital Twin, so landowners can see degradation and vegetation change early and act on it.

Private landowners · forest cooperatives and their advisers

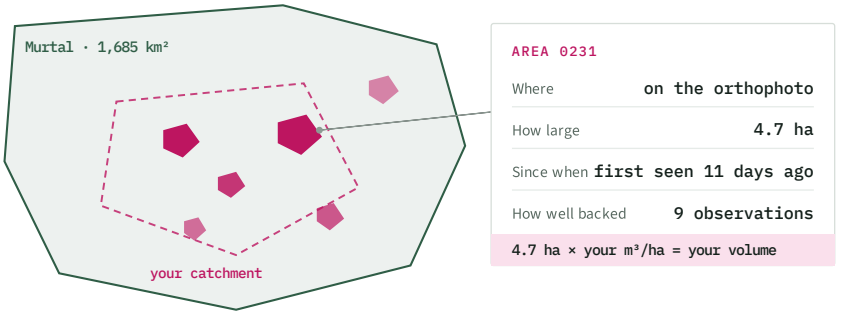
The three business cases are coordinated by **Beetle ForTech**, work package lead. Each is developed by the partner named above.

futurefor.eu

BUSINESS CASE 01 · LIVE IN THE MURTAL, AUSTRIA

Where did the forest open up?

A satellite change layer for a whole district — **not a map drawn once**, but one that keeps being recomputed. Built with Joanneum Research on the district of Murtal; from January 2027 on an area you choose.



Schematic. Draw or upload your catchment; every figure recomputes for it. Export PDF, CSV and GPX.

You know your yield per hectare. We don't. So we don't model it. Enter the standing volume per hectare you already use, and the tool multiplies it by our hectares.

- **Change, not cause.** No windthrow, bark beetle or thinning classification.
- **Precise, not complete.** What it marks is reliable. It does not mark everything.
- **No cubic metres from us.** Any volume on screen came from the yield figure you typed.
- **No accuracy figure yet.** Validation against an aerial survey is still running at Joanneum Research.
- **No alerting, no promised rhythm.** We test a two-week cycle in the pilot before committing to one.

OCTOBER – DECEMBER 2026

Talk to us for 45 minutes.

How you source today, where the information gaps are, what a useful delivery format looks like. We show you the live layer. No selling.

JANUARY – APRIL 2027

Be a pilot user.

Your own catchment as a live detection layer, free for the project, with the model developers from Joanneum Research on the call.

Tell us your region.

Scan this — the mail opens ready to send. Add your region.

info@beetlefortech.com

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