

PRESS RELEASE

Partnership announcement

Bioenergie Frauenfeld and Carbonfuture are joining forces to enable effective and trustworthy carbon removal in the gigatonne range

Freiburg, 10th May 2022 – The signing of a multi-year purchase agreement between Bioenergie Frauenfeld, the owner of the largest SynCraft plant globally, and vetted marketplace Carbonfuture, represents a further milestone in providing net zero companies worldwide with a scalable and science-based approach to carbon removal credits.

We know that scalable and permanent carbon removals are of utmost importance in limiting global warming to levels well below 1.5°C. We also know that impactful action in this area will only be possible with widespread and deep-rooted collaboration. This is why *Bioenergie Frauenfeld* and *Carbonfuture* are joining forces to enable effective and trustworthy carbon removal in the gigatonne range.

The signing of a purchase agreement between *Bioenergie Frauenfeld*, the owner of the largest *SynCraft* plant globally, and vetted marketplace *Carbonfuture* over 17.500 tonnes of CDRs, represents a further milestone in providing net zero companies worldwide with a scalable and science-based approach to carbon removal credits.

Bioenergie Frauenfeld is building Switzerland's largest climate-positive wood-fired power plant in Frauenfeld, Switzerland where biomass, in the form of residual wood from the region, is converted into biochar by means of pyrolysis. Eight lines of *SynCraft* pyrolysis facilities will be operated in parallel to achieve an output of around 3.500 tonnes of biochar in its first year. The resulting syngas can then be converted into electricity, sufficient to meet the annual needs of around 8,000 households. The heat of the pyrolysis process is supplied as renewable energy to the "*Schweizer Zucker*" sugar factory and an enclosed district heating network. The biochar will be used for various carbon preserving purposes in agriculture and in the construction industry.

In the collaboration with *Bioenergie Frauenfeld*, *Carbonfuture* will be applying its unique digital tracking system. This solution builds the basis for the issuance of trustworthy CO₂-certificates, enabling the carbon preserving application of the biochar behind each removal credit to be granularly traced and known.

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About Carbonfuture

Carbonfuture helps companies and organizations worldwide on their path to true net zero. As an online marketplace and fully digitized platform for high-quality and effective carbon sink credits, the company offers certificates that not only avoid CO2 emissions, but actively remove them out of the atmosphere. With an uncompromisingly scientific approach as well as seamless, tamper-proof supply chain tracking, precise sink modeling, and flexible credit management, Carbonfuture sets the standard for effective and trustworthy climate protection. The goal is to deliver real climate impact: and that means providing carbon sinks in the gigatonne range. Carbonfuture - carbon removal you can trust