



NextFuel IBTC Introduction

A clean successor to fossil fuel

www.nextfuel.com

NextFuel provides Industrial Technology for Replacing Fossil Coal



- NextFuel uses **fast growing energy crops** like elephant grass, or **residuals** like bagasse and waste wood
- Elephant grass grows up to 4 meters in 100 days and stores up to 20% of the absorbed CO₂ as carbon in its roots below ground



The patented NextFuel **torrefaction reactor** uses energy from the raw material itself to transform it into a clean copy of fossil fuel in less than 30 minutes



- The CO₂ negative briquette can **directly replace fossil coal** at competitive prices
- All CO₂ released on burning is absorbed by new crops within a few months
- Fields of application: Coal power stations, steel industry, cement industry, chemical industry...
- NextFuel production process allows for adjustment of fuel to specific customer requirements

NextFuel Industrial Facility in Austria



Frohnleiten pilot plant



**Feed
material
handling**



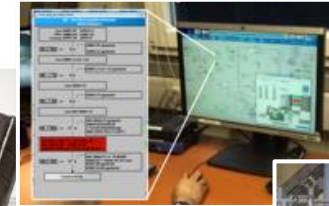
**Patented
Torrefaction
Reactor**



Belt dryer



Firing System



**Automation
System**

**Briquetting
Line**



Proof of concept

- ✓ Austrian pilot torrefaction plant fully operational since 2013
- ✓ NextFuel gives customers proof of concept for their specific feed materials by producing industrial test quantities
- ✓ Capacity to produce 8,000 tons of NextFuel briquettes per year

First NextFuel torrefaction plant in Finland



Project Owner: Taaleri (subsidiary)

Location: Joensuu, attached to Savon Voima Oy biomass power station

Feed material: Forest residuals, bark wood

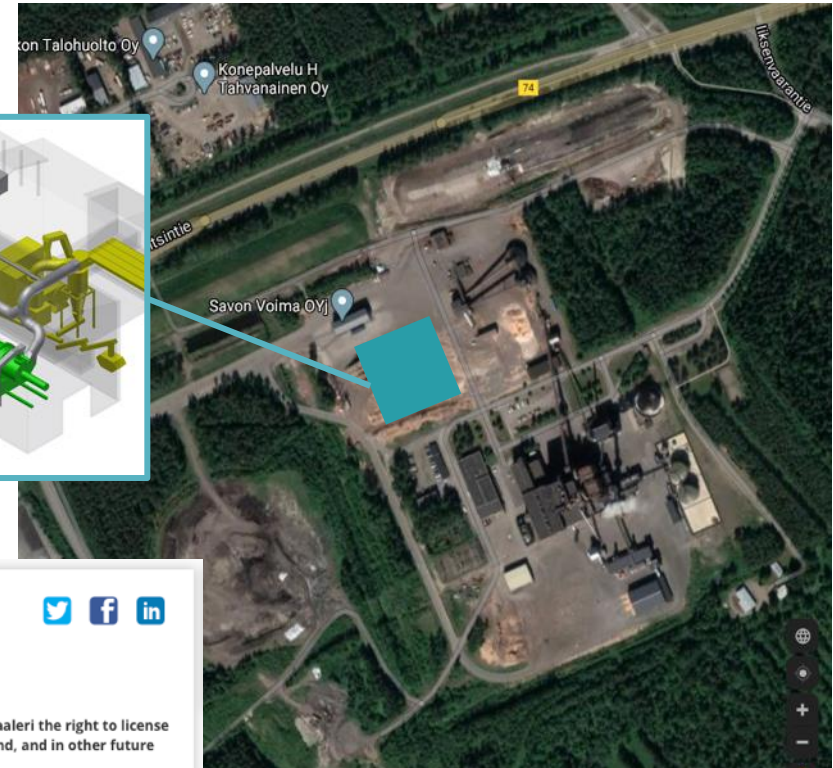
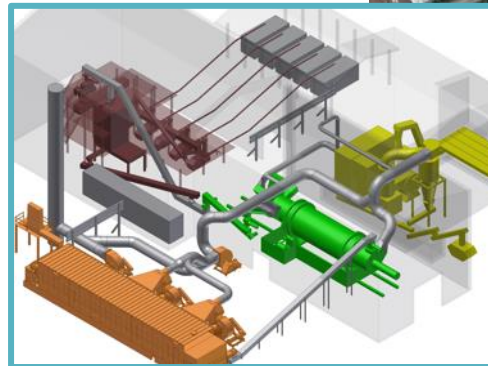
Capacity: 60.000 tons output/year

Target market: Coal power stations in Finland

Commissioning: Q4/2022 (planned)

Investment: EUR 18m

Based on the Joensuu project, the target is to implement 10-30 more production lines in Northern America and a possibility for further projects in Europe and other parts of the world



NextFuel signs agreement with Taaleri



MON, MAY 03, 2021 10:00 CET

(Stockholm, May 3, 2021): NextFuel AB and Taaleri Plc have signed an agreement giving Taaleri the right to license NextFuel's new torrefaction technology in their planned biocoal project in Joensuu, Finland, and in other future projects.

"We are pleased that Taaleri has chosen NextFuel as their technology partner, and we look forward to working closely together with them during this project. The agreement is a major milestone on our roadmap to get companies all over the world to use our technology to produce a profitable and sustainable source of fuels."

Link to press release:

<https://news.cision.com/nextfuel/r/nextfuel-signs-agreement-with-taaleri,c3338620>



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