

Haffner Energy teams up with Bambbco, France's leading bamboo provider, to diversify sustainable biomass procurement

Both companies share a common goal of improving the availability of biomass for energy applications, especially from crops grown on marginal land.

VITRY-LE-FRANÇOIS, FRANCE, September 24, 2024 /EINPresswire.com/ -- Haffner Energy and

[Bambbco](#), France's leading bamboo provider, announce that they have signed a partnership. Both companies are based in France and share a common goal of improving the availability of biomass for energy applications, especially from crops grown on marginal land.

“

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*Pierre-Alexandre Lemarquis,
Bambbco CEO*

Biomass, the leading source of renewable energy in France and around the world, often faces conflicts of use. Diversifying sustainable sources of biomass that is free of conflicts of use, thanks to regenerative, resilient, and productive crops such as bamboo grown on marginal lands and barren grounds, is a strategic challenge. The contribution of such crops to decarbonization is going to

be significant.

Haffner Energy has developed an innovative, patented biomass and organic waste thermolysis technology, backed by 30 years of experience. This technology produces renewable hydrogen and clean fuels for industry and mobility applications. In addition, it generates biocarbon (char or biochar), a natural carbon sink, and biogenic CO₂.

Bambbco is a nature-based solutions company that uses several species of bamboo to produce renewable energy, sequester carbon, prevent soil erosion, re-establish the water cycle, promote biodiversity, and contribute to the biomass-to-energy circular economy. Bambbco is a laureate of France's start-up booster program French Tech.

Bamboo produces up to four times as much biomass, as wood residues from a forest in standard conditions. In addition, bamboo displays remarkable characteristics such as being

drought tolerant, requiring no chemical inputs, and capturing heavy metals and toxic chemical elements through its roots system. Those properties make it an ideal candidate for soil and ecosystem regeneration on marginal land, while simultaneously generating value.

“Europe is the only continent in the world where bamboo is not recognized yet for its many benefits, from regenerating marginal lands and natural ecosystems to providing a highly sustainable, renewable, and competitive alternative to wood and wood residues for countless applications,” points out Pierre-Alexandre Lemarquis, CEO of Bambbco. “I am excited about the forward-looking approach that Haffner Energy is taking with regard to biomass procurement. Together, we’ll be able to develop local, circular economy-based ecosystems for clean fuels production projects,” he adds.



Bamboo about to be planted at Haffner Energy's new site in Marolles, France

“We are happy to engage with Bambbco and develop biomass-to-energy projects in locations that would otherwise not be suitable. Barren areas can be brought back to life with robust energy crops and our technology,” says Marcella Franchi, Haffner Energy Chief Marketing Officer and Head of Sales. “We can’t wait to show visitors the new bamboo plantation at our new center in Marolles (Marne County, France). The plants can be used on location, among various feedstocks, to produce renewable syngas and hydrogen, and they will beautify the site.”

The signing of this partnership will enable Haffner Energy and Bambbco to offer a turnkey solution for the production of green energy, with guaranteed feedstock availability and cost all year round. It builds on Haffner Energy’s strategy to diversify sustainable biomass procurement, initiated earlier this year with the signing of a partnership with XanoGrass developer Hexas, in the United States.

The aggregated environmental virtues of those solutions are formidable:

- Securing biomass procurement
- Capturing CO₂ through photosynthesis
- Sequestering CO₂ in biocarbon (char or biochar) and biogenic CO₂ through Haffner Energy's solutions
- Regenerating marginal lands and creating value thanks to specialty crops

- Avoiding greenhouse gas emissions by eliminating fossil energy and replacing it by the ultimate renewable energy — energy from energy crops grown on marginal land

About Haffner Energy

Haffner Energy, located in France, supplies solutions to produce competitive clean fuels. Backed by 30 years of experience, its innovative and patented biomass thermolysis technology makes possible the production of Sustainable Aviation Fuel (SAF), as well as renewable gas, hydrogen, and methanol. The company also contributes to carbon sequestration through the co-production of biogenic CO2 and biocarbon (char or biochar). For more information:

www.haffner-energy.com

About Bambbco

Bambbco is the company that has been pioneering the sustainable production of bamboo biomass in France. Founded with the mission to promote responsible agricultural practices and provide renewable resources for various industries, including energy, Bambbco has quickly established itself in the emerging biomass sector. For more information: www.bambbco.com

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