

Who is boson energy?

Next generation solutions based on 40 years in Hydrogen and waste. Having successfully co-founded, built and sold a first industrial cleantech start-up to Siemens AG, and then a second one to Nalco; Jan Grimbrandt founded Boson Energy in 2008, together with long-time business partner Professor Włodzimierz Blasiak.

Does boson energy have a global presence?

Starting in Sweden, Poland, and Germany, then continuing throughout Europe, Boson Energy is aiming for a global presence. The Memorandum of Understanding was signed during theACHEMA Fair in Frankfurt by Axel Lorenz, CEO for Process Automation, and in advance by Stephan May, CEO for Electrification and Automation at Siemens.

Does boson energy have a 'non-recyclable' waste?

Boson Energy wins Hydrogen Production Category at Tech Tour Sustainability 2022 Finals in Essen, Germany. From a field of 800 applying startups, some 400 selected... That means recycling more than 10 million tons of 'non-recyclable' waste - and enough Hydrogen to keep 100.000 zero-emission buses or trucks on the road. Join our journey.

Will boson energy produce 1 million tons of circular hydrogen a year?

Boson Energy is targeting more than 300 plants in order to produce 1 million tons of circular hydrogen from waste by 2030 - avoiding up to 30 million tons of CO₂ emissions per year. Starting in Sweden, Poland, and Germany, then continuing throughout Europe, Boson Energy is aiming for a global presence.

What can Siemens do for boson energy?

As a technology partner, Siemens will assist Boson Energy in building a blueprint to create a scalable and repeatable solution, by applying the latest technology within digital services and software for optimization, standardization, and simulation during both the manufacturing and operational phases.

Is boson energy a force-fitting technology?

Not at all. Boson Energy is part of a new generation of technologies that are not force-fitted into the energy transition and decarbonisation, but rather built for that very purpose.

Local energy security, health, and prosperity - from Your waste. Did you know that there is enough non-recyclable waste in any city, to take all commercial transport in that city to zero emission. Boson and our global partners are starting this radical shift, city-by-city, to change the role and value of waste globally. Forever.

Boson Energy's integrated gasification-based technology and system solution cracks them into the

fundamental molecules of Hydrogen - and CO₂ that we capture. Boson Energy "allows chemistry to do its thing" and translates that high temperature chemistry into math, that is then turned into algorithms - for maximum waste flexibility and ...

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BOSON ENERGY is rolling out the next generation of distributed sustainable waste-to-energy solutions that turn a wide range of mixed and hazardous wastes and biomass into renewable 24/7 Hydrogen and energy for direct local use. Our zero-residues technology also produces value added material rather than toxic ash requiring further treatment.

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Boson Energy and Siemens AG have signed a Memorandum of Understanding (MoU) to facilitate collaboration on technology that converts non-recyclable waste into clean energy. The collaboration aims to advance sustainable, local energy security, enabling hydrogen-powered electric vehicle charging infrastructure without compromising grid stability ...

In short, Boson Energy maximises the Hydrogen potential from non-recyclable waste and biomass. Thus, they create local, sustainable, and profitable ecosystems where sustainable hydrogen supplies power and green molecules. We spoke with Heike Zatterstrom, CCO, who told us more about Boson Energy.

Web: <https://www.gennergyps.co.za>