

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 '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.

Can boson change the value of waste?

Boson and our global partners are starting this radical shift, city-by-city, to change the role and value of waste globally. Forever. Siemens and Boson Energy enter agreement to accelerate the green energy transition through waste-to-hydrogen (to-X) technology.

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.

What is boson energy's seal of Excellence?

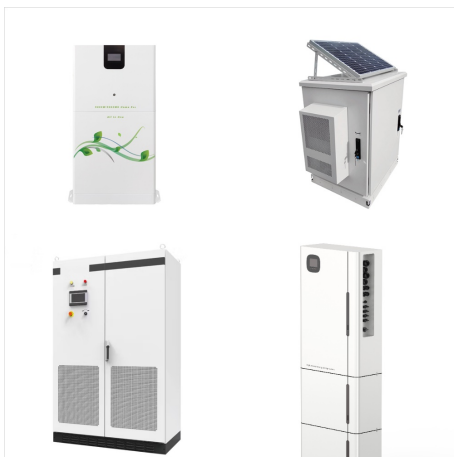
The Seal of Excellence was awarded to Boson Energy, as part of the European Innovation Council (EIC) grant application process. The Seal of Excellence is... PRESS RELEASE | 2023-06-29 The port of Wallhamn AB on the island of Tjörn plots a course towards local production of energy and green...

Who is boson - the imby company?

The company was founded on research that Prof Blasiak started already in the 80s, with the vision to produce local hydrogen directly from biomass and waste. Based on Prof Blasiak's original conviction that clean and small-scale is the future; Boson is 'The IMBY Company' - for In My Back Yard. Clean air for future generations.



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 automated process control



Boson Energy is a developer of technology, solutions and projects for recycling otherwise non-recyclable waste and biomass into 1) carbon-negative Hydrogen, H₂-powered fast charging, H₂-powered grid support; 2) green molecules like methanol, ammonia, and urea; 3) green CO₂ to replace fossil CO₂ in vertical farming, food and beverages and other



Hynion AS and Boson Energy SA have signed a Letter Of Intent to jointly evaluate the conditions for the coordinated establishment of facilities where Hynion will supply hydrogen refueling stations to distribute the hydrogen produced by Boson Energy through the gasification of waste.



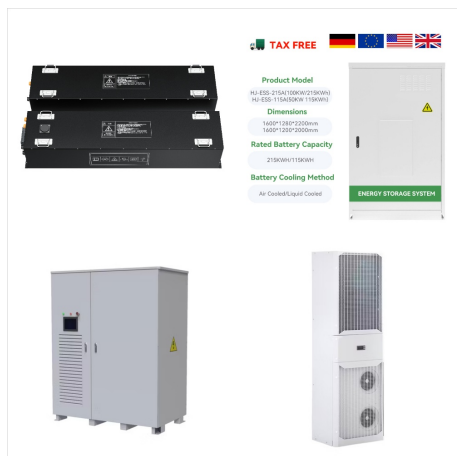
BOSON ENERGY is rolling out the next generation of sustainable waste-to-energy solutions that turn a wide range of mixed and hazardous wastes and biomass into energy for direct local use. Our zero-waste technologies also produce value added material rather than toxic ash requiring further treatment.



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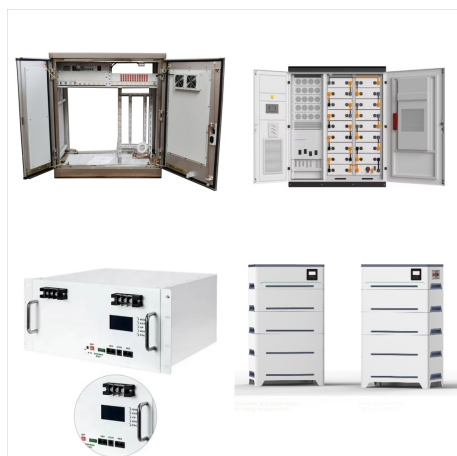


Boson Energy is an enabler of true decarbonisation and affordable zero-emission transport: We have set a path towards 1 million tons of Circular Hydrogen by 2030 You may be on this page because you stopped by ???



Member - BOSON ENERGY SA. Go back.

Thermochemical recycling turning waste and biomass into clean and affordable local Hydrogen, power, heat and cooling. Type Startup or self-employed. Founded 2008. Company Size 25. Member Type. innovator. Founders Jan Grimbrandt, Wlodzimierz Blasiak, Liran Dor.



Boson Energy's slow, gravity driven process delivers high performance on several key aspects; including waste stream flexibility, high yield, easy syngas conditioning/cleaning, zero solid residues requiring post treatment, processing capacity suitable for distributed solutions. All this at low capex and opex.



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.



Local sustainable Hydrogen is key to move away from polluting and inefficient combustion-based energy ??? towards clean and efficient energy security and electrification. Boson Energy's project development model aims to eliminate compression, storage, and transport of H2 and rather deliver it as H2-powered heavy-duty fast charging that can