

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.

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...

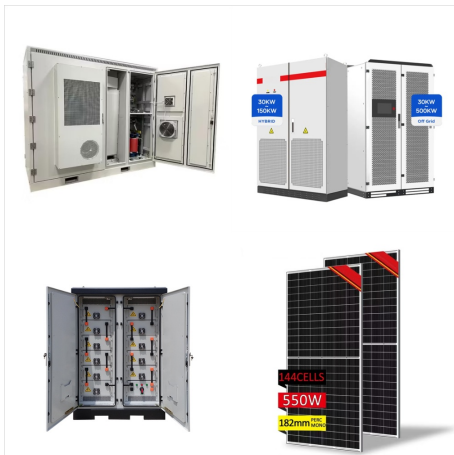
Why did the Dominican Republic build a photovoltaic plant?

The energy deficit and dependence on fossil fuels drove the Dominican Republic to step up its commitment to clean energy. DOMINION took on the task of building the photovoltaic plant in this Caribbean country, with an offer that included everything from the design and construction of the plant to its operation and subsequent maintenance.

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.



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.



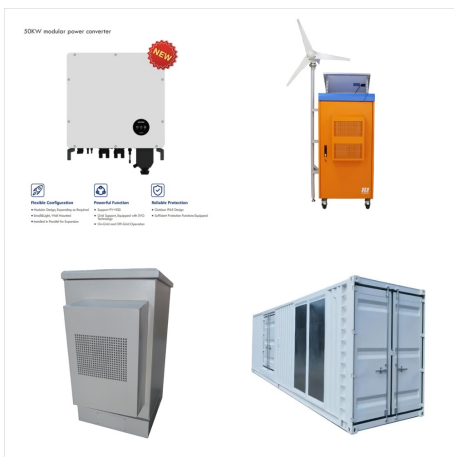
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Member - BOSON ENERGY SA. Go back. Thermochemical recycling turning waste and biomass into clean and affordable local Hydrogen, power, heat and cooling. Type Startup or self-employed. Founded 2008. Company Size 25. Member Type. innovator. Founders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



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



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



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Background. The Manzanillo Energy power station, together with the Manzanillo Gas & Power and Manzanillo Power Land power stations, is one of three large gas-fired power plants under development near Manzanillo, in the northwestern corner of the Dominican Republic. Dominican president Luis Abinader attended a groundbreaking ceremony for the plant in December 2022.



In 2011, the National Energy Commission (CNE) of the Dominican Republic, approved the regulation for distributed generation (DG) and the country's Net Energy Metering Program (PMN). Net metering was chosen as the compensation mechanism estimated to best promote the deployment of self-supply of energy with the use of renewable energy



IDB Invest arranged a US\$368m loan facility for AES Dominicana Renewable Energy SA to finance the development of new renewable energy projects in the Dominican Republic, and to refinance existing projects. According to IDB Invest, the transaction is the largest financing for renewable energy projects for a Caribbean economy.



Boson Energy is currently developing 10 projects granted by the European Clean Hydrogen Alliance. One project is in the construction phase with commissioning expected in Q4 2022; another project has an initial agreement in place and is not entering the permitting phase; and the remaining projects are in the early development phase with partners



Siemens and Boson Energy enter agreement to accelerate the green energy transition through waste-to-hydrogen (to-X) technology. Companies sign Memorandum of Understanding to drive green energy transition through conversion of non-recyclable waste into clean energy for various applications



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



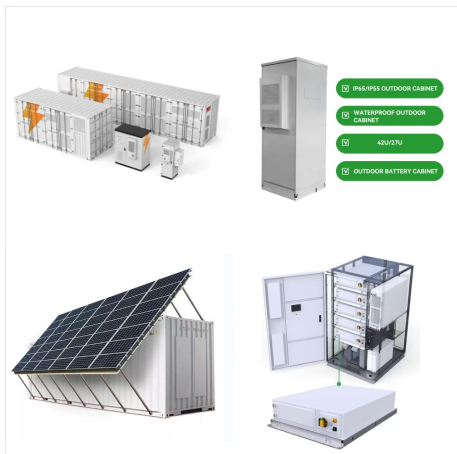
Also Known As Boson; Legal Name Boson Energy SA; Company Type For Profit; BOSON ENERGY is rolling out the next generation of sustainable waste-to-energy solutions that turn a wide range of mixed and hazardous wastes and biomass into energy for direct local use. Our zero-waste technologies also produce value added material rather than toxic



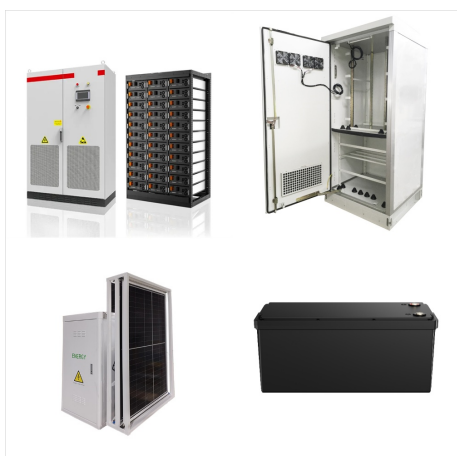
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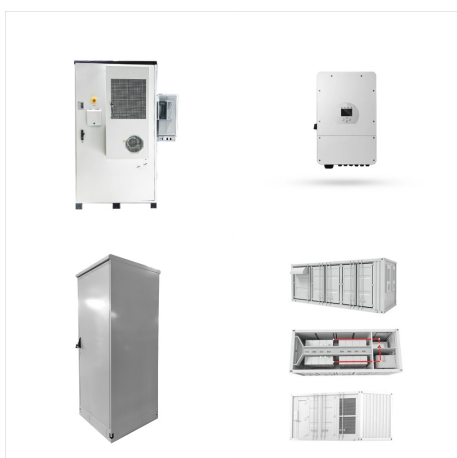
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The Dominican Republic's energy sector is at a crossroads. Currently, the country depends on fossil fuel imports for 86% of its electricity generation, bringing enormous economic and



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