Stanley Oghogho Egbobawaye

Technology Portfolio

Submitted May 2022

Website migration and redesign for Kanin Energy slides 3-9

Website redesign for the Heat is Power Association
slides 10 - 14

Stanley Oghogho Egbobawaye

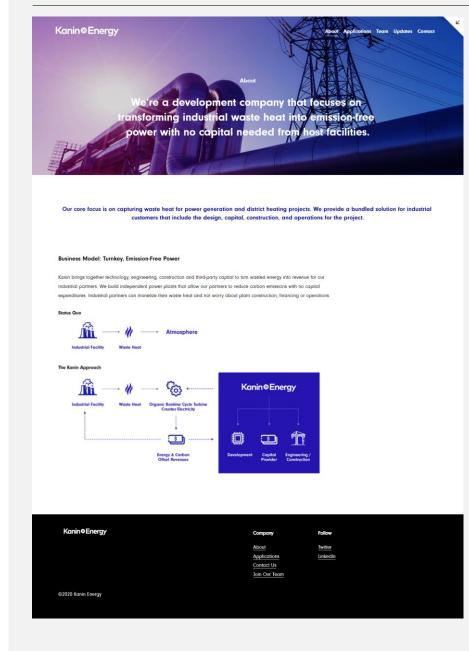
Website migration from squarespace and redesign on WordPress for Kanin Energy

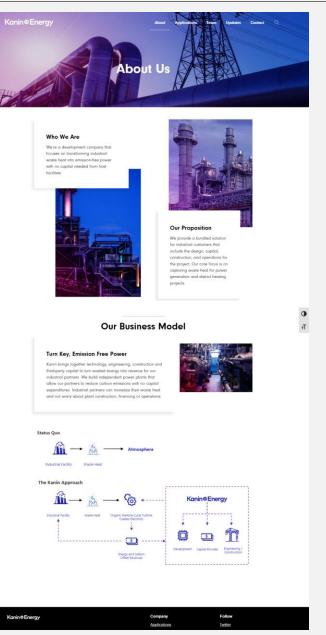
April 2021

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About page on former squarespace website

About page redesign, new WordPress website





https://kaninenergy.com/about-recovering-waste-heat/4

Kanin Energy Website migration and Redesign

Applications page on former squarespace website

Applications page redesign, new WordPress website



The examples below are representative projects that apply Kanin Energy's approach. The details do not match a specific project but offer an illustrative example based on real-world sc

Kanin Energy **Website** migration and Redesign



Waste Heat to Power

Station

wosted energy

Representative Project

Turbine Model

Cost to Host \$0 Revenue to Host \$350,000 per vecr 40,250 tonnes per year

CO2 Avoided

Kasin uses best in class Organic Rackine Cycle systems to convert some of that wasted energy into valuable, baseload electricity. Offering a bundled solution Karan brings together the expense, equipment and capital patters required to execute, paying the host facility for their wasted heat and generating green baseload power with no additional CO2 emissions.

Rolls Royce R821

8.2 MIN \$32 million

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Compiled Heat and Power
Generating Heat and Power
at a Biomass Processing

Facility

ned Heat and Power (CHP) is an energy efficient method of generating bot electricity and useable heat from a single fuel source, instead of purchasing electricity from the grid and separately burning feel on site in a furnace or boller. A CHP system can achieve efficiencies in excess of 75%, a significant improvement ver grid power efficiency ("50% in the US). CHP is most commonly found o critises that have a need for steady, reliable electricity and hear

simple cycle power production, fuel is burned to either create secon, run o reciprocofited engine, or run o turbine - with any exhcust gos or excess steam being erried to atmosphere. In a CHP system, a layer of heat recovery is added to that power producing step. This coptured heat can be used for either space heating. cooling, hot water or industrial processes.

CHP can be set up in different ways. A CHP topping cycler will first use fuel to generate power, and then the residual hear from this can be used in industrial processes. An example of this would be natural gas surbine generators with exhaust heat recovery for direct use. A CHP 'bottoming cycle' will first use feel to generate usable process heat, and will capture any leftover heat to generate electricity. Here an example would be a turnace providing heat to an industrial process with an Organic Rankine Cycle engine accivenging excess hear not required by the process These different approaches allow CHP to be tailored to electrically or thermally forward industrial processes.



Konin Energy is an experienced and innovative waste heat to power project developer, providing the expertise and resources to help our corporate partners turn their waste heat into something valuable.

INDUSTRIES WE WORK WITH



WASTE HEAT TO POWER







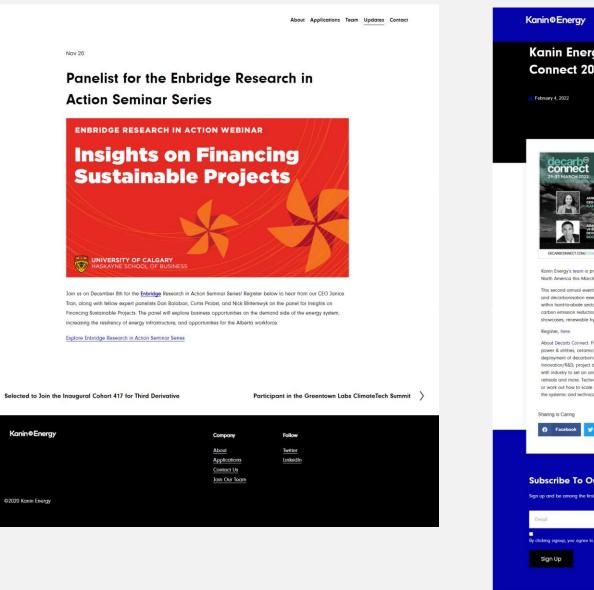


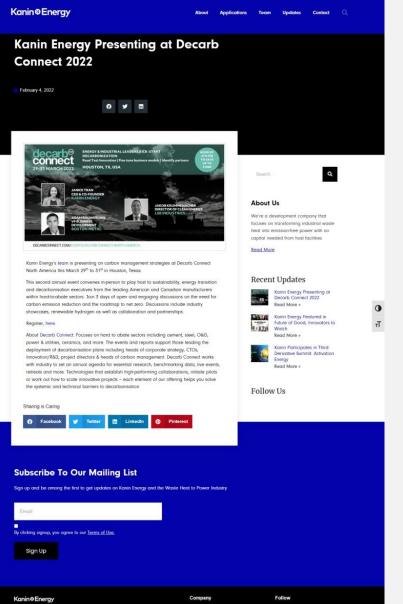
CONTACT

https://kaninenergy.com/applications-conversion-of-waste-heat-to-power/5

Post page on former squarespace website

Post page redesign, new WordPress website





https://kaninenergy.com/updates/kanin-energy-presenting-at-decarb-connect/ 6

Kanin Energy Website migration and Redesign

Team page on former squarespace website



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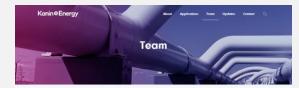


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An example of the state of the

Team page redesign, new WordPress website



Kanin Energy is a purpose built team of industry professionals that blend optimal big facility experience, deep project finance knowledge, electricity market expertise, and entrepreneurial savry.



Full Bio >









Full Bio >

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Stanley Egbobawaye ful Bo >





Michael Nicol-Seto, E.I.T., MSc Full Bo > Full Box >





https://kaninenergy.com/team/

Kanin Energy Website migration and Redesign

Kanin®Energy



Janice Tran, CPA, MSc.

Janice on 🛛 📊 🍏

Janice provides the leadership and financing strategy for Kanin Energy. Prior to Kanin, Janice was an early employee and Director at Generate Capital, a project finance investment firm that focused on investing in renewable energy projects. There she built North America's largest portfolio of anaerobic digestions assets. Her role spanned across deal execution, origination, market development and asset management. Prior to Generate Capital, Janice worked at NRG, one of America's largest power producers, to start their renewable microgrids business line. Janice also co-founded Student Energy, a nonprofit which is today's largest global charity dedicated to educating and uniting postsecondary students on energy issues.

Janice is a licensed Chartered Professional Accountant (CPA) in Canada. She also has a Masters of Science in Sustainability Management from Columbia University in New York, where she received an Earth Institute Fellowship. Janice also has a Masters in Accounting from the University of Sastachewan, and double majored with a BA in Philosophy and BComm in Accounting from the University of Calgary.

Kanin®Energy



Jake Bainbridge, P.Eng. Chief Technology Officer

Jake on LinkedIn in

Jake provides technical leadership in assessing potential projects and technologies and ensuring seamless integration of new equipment with any existing infrastructure. Having overseen projects from feasibility to commissioning. Jake brings relevant industry evanationer to all asserts of provider eventuations.

As a Professional Engineer with over 12 years of experience in the energy sector, Jake has worked on projects in insitu oil, conventional oil, gas production and distribution, water treatment and renewable power generation.

Prior to Kanin, Jake was the Director of Engineering at Terrapin Geothermics – leading inhouse research and development into a novel ultra-low temperature Stirling engine, creating tools to assess and quality waste heat resources at industrial facilities, and developing project execution and integration strategies. Jake has also spent time at Wood Group Mustang as a Project Engineer and Lead Mechanical Engineer for clients including Shell and Cenovus, and was on-site Senior Project Engineer for the construction, commissioning and startup of Husky's \$2 7Bn Surinse SAGD facility.

Jake has a Master of Engineering in Aeronautics from the University of Durham, UK.

https://kaninenergy.com/team/

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New resource page created on WordPress website



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Kanin Energy Website migration and Redesign

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https://kaninenergy.com/resources/

Stanley Oghogho Egbobawaye

Website redesign for the Heat is Power Association (HiP)

August 2021

Home page on former WordPress website

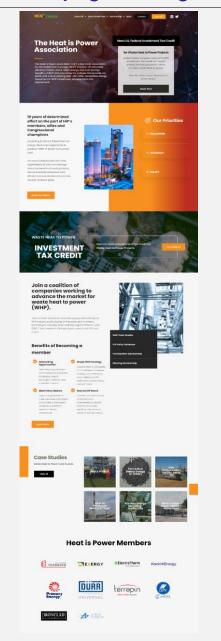


Heat is Power Association Website redesign



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Home page redesign, new WordPress website



https://heatispower.org

About & registration page on old website

Heat is Power Association Website migration and Redesign



https://www.heatispower.org/about-hip/









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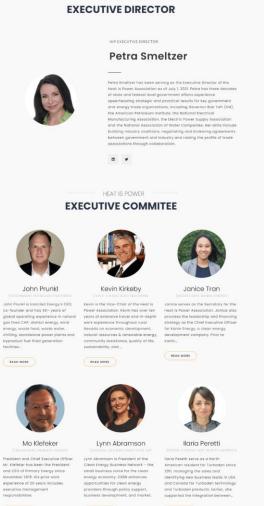
Choose Plan

New leadership page on website redesign



HEAT IS POWER

Heat is Power Association Website migration and Redesign



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Lynn Abramson

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Lynn Abramson is President of the Clean Energy Business Network – the small business voice for the clean energy economy. CEBN enhances opportunities for clean energy providers through policy support, business development, and market and technology education.

CEBN's 5,000+ members span all 50 U.S. states and more than 350 Congressional districts. These business leaders work across a diverse suite of technologies and services in energy efficiency, renewable energy, natural gas, and other advanced energy and transportation sectors. Lynn leads the CEBN's efforts to mobilize business voices in support of policy change, leverage case studies and narratives to illustrate the benefits of clean energy to the public and policymakers, and promote industry collaboration and networking.

Lynn previously managed the CEBN at its former home in The Pew Charitable Trusts from July 2013 until its transition to become an independent initiative of the Business Council for Sustainable Energy in May 2017. Before that, she worked in the U.S. Senate as a Senior Legislative Assistant on energy, natural resources, and transportation policy. She earned a B.A. in Biology from Boston University and a Ph.D. in Marine and Atmospheric Sciences from Stony Brook University, where her research on carbon cycle processes spurred her interest in advancing low-carbon energy solutions. On clicking on "read more", each team member profile pops up.



Ilaria Peretti Senior Consultant North America

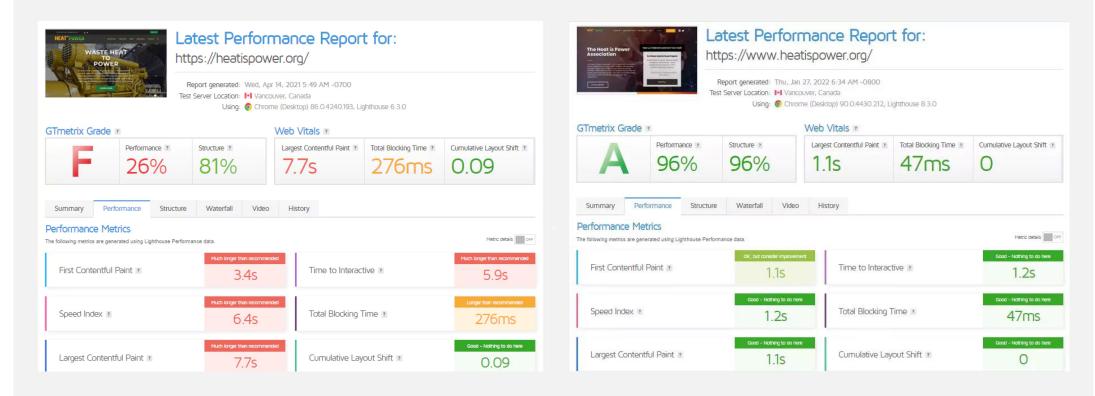
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View Ilaria on LinkedIn

Ilaria Peretti serve as a North American resident for Turboden since 2011, managing the sales and identifying new business leads in USA and Canada for Turboden technology and Turboden products. Earlier, she supported the integration between Mitsubishi Heavy Industries (MHI) and Turboden, training technical and salespeople at MHI Head Quarter in Japan and developing the Japanese network for ORC. She started her career working in an Energy Service Company (ESCO). She holds a Master's Degree in Mechanical Engineering from the Polytechnic University of Marche, with an internship at the University of Ulster, UK, and an MBA from the University of Indiana.

https://www.heatispower.org/team/

Heat is Power Association Website redesign performance



https://heatispower.org

Thank you