

Stanley Egbobawaye

Website Design Portfolio

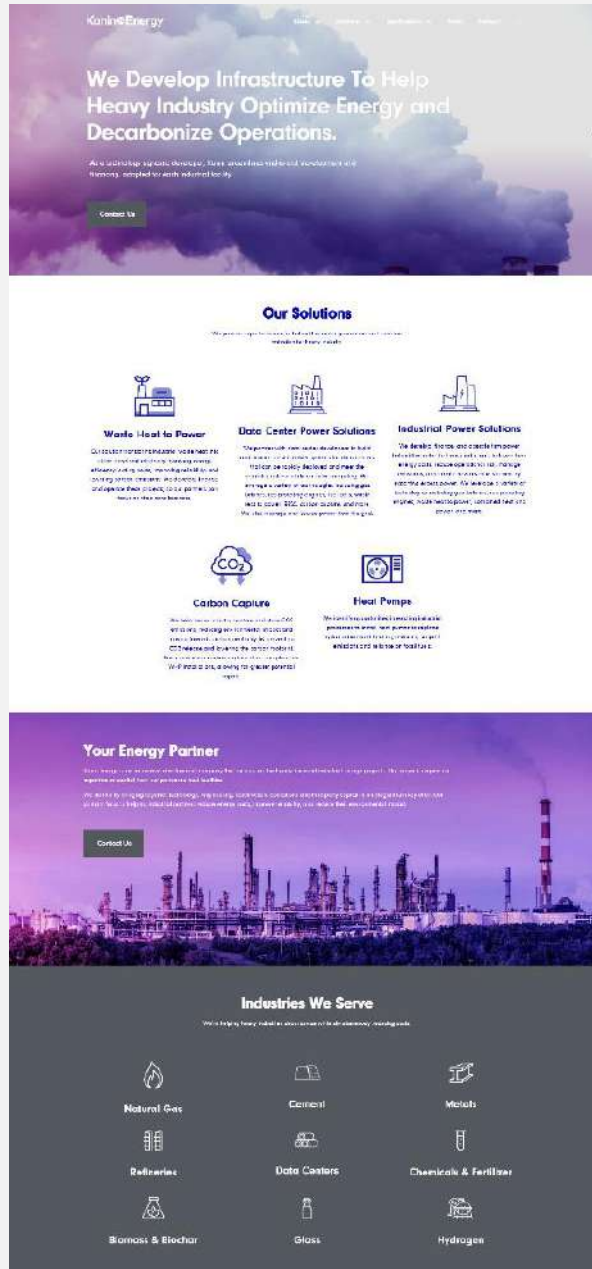
Sample live website pages

- ❖ **Website migration and redesign for Kanin Energy** **slides 3 - 11**
- ❖ **Website redesign for the Heat is Power Association** **slides 13 - 19**

Stanley Oghogho Egbobawaye

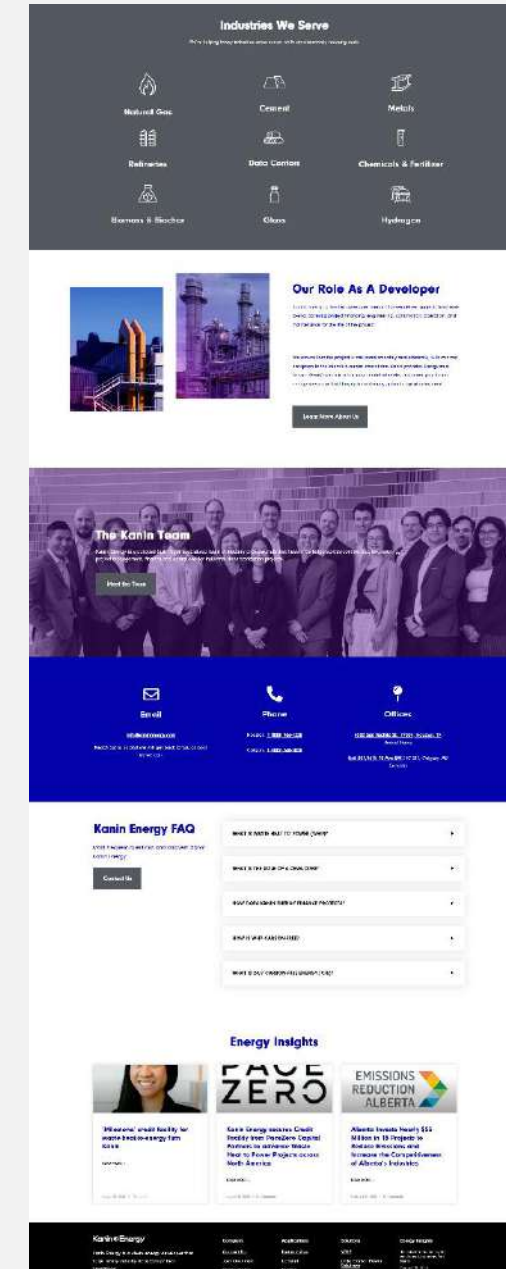
Website migration from squarespace and redesign on WordPress with Elementor Page builder for Kanin Energy

Home Page (First half of Page)



Kanin Energy Website migration and Redesign

Home Page (second half of page)



<https://kaninenergy.com/>

About page on former squarespace website

Kanin Energy Website migration and Redesign

About page redesign, new WordPress website

View live page here: <https://kaninenergy.com/about-recovering-waste-heat/>

Kanin Energy Website migration and Redesign

Kanin@Energy About Solutions Applications Team Contact

Home Data Center Power Solutions

Power Solutions on Industrial Properties for Data Center Development

We partner with heavy industrial facilities to host data centers and develop, finance, and operate on-site power generation.

Contact Us

Kanin Approach

Kanin Energy is a focused energy developer and partner to many large industrial companies. We aim to be an integrator between heavy industrial and data center developers, finding opportunities to host data centers and develop and operate on-site power generation to enable faster speed to deployment.

Kanin will do:

- 1. Site Identification**
Identify, vet, and prepare industrial sites for data center development.
- 2. Developer Matching**
Match sites with data center developers whose criteria align with site specifications (geography, size, grid access, water).
- 3. Power Asset Development & Operations**
Designing, developing, and operating on-site power assets and integrations to meet data center reliability needs.
 - Gas-fired power generation (gas turbines, reciprocating engines, fuel cells)
 - Waste heat to power (WH2P)
 - Battery energy storage systems (BESS)
 - Other innovative solutions (CCUS, renewable natural gas, etc.)
- 4. Equipment Procurement**
Procuring power generation equipment from OEMs.
- 5. Grid Management**
Working with utilities to manage grid connection and establish pathways to increase grid power to site.
- 6. Capital Repayment**
Sourcing and deploying capital for projects.
- 7. Regulatory Compliance**
Managing permitting and regulatory of power assets.
- 8. Incentive Realization**
Realizing tax credits and other incentives.

Benefits for Industrials

- Identify, vet, and prepare industrial sites for data center development
- Exposure and diversification into data center market
- Potential power cost savings where possible to offset build-out expense (industrial lease)

Benefits for Data Center Developers

- Speed to power with grid-entitled and on-site power assets, able to be operational within 2-3 years
- Access to permitted industrial land, gas, other assets and resources in prime locations for development
- One all-in power provider for full portfolio of solutions
- Differentiated expertise in building low-carbon to meet sustainability goals

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The Data Center Market

As the leading AI industry driver for data centers in growth globally, the AI revolution is expected to increase global server power by 2034. The Department of Energy found that in 2023, data centers consumed 64% kWh of electricity, but by 2028, that consumption will reach 150 TWh, 100% growth in demand in just 5 years.

In the face of this historic opportunity, data center developers look very closely to find suitable, vetted, lease-ready power and land that can be developed quickly (ideally) on the coast. The data center customer's time window, however, becomes increasingly challenging to find. Data center developers are looking for a streamlined pathway to deploy corporate AI fully and reliably.

Industrial Reutilization

The United States is replete with operating, idle, multi-use, and decommissioned industrial sites, offering the potential for a wide variety of uses, including data centers. These sites, whether fully operating, under construction, or decommissioned, offer a wide range of advantages.

Many of these sites are located in urban and suburban areas, often with a rich history of industrial use. They offer a wide range of advantages, including:

Land Resources Hundreds of acres of developable land	Grid Capacity Existing and expanded grid capacity	Power Generation Existing and new on-site power generation assets
Storage Infrastructure Warehouses, tanks, and more	Water Use Access Existing access and capacity	Water Treatment & Flow Water treatment and flow capacity

In addition to the available power and water resources, there is a pool of skilled workforce (specialty trades, construction, heavy machinery) and developer needs for energy storage, grid interconnect, and other resources to be available on-site. This is an opportunity to bring old and dormant plants to produce industrial commodities.

Case Study

Kanin Energy is redeveloping an on-site power generation for a modular data center in West Texas. We have worked with a leading data center developer and M&A local power to build a 200-MW AI data center in Dallas, TX. The data center will be powered by a mix of on-site and grid power. We are partnering with a local chemical company to leverage their industrial land for the project.

The first phase of the project is expected to be completed by 2027 with over 100 MW of capacity, supporting to 100+ MW over the next 3-4 years.

Kanin@Energy
Data Center & Industrial Energy Solutions

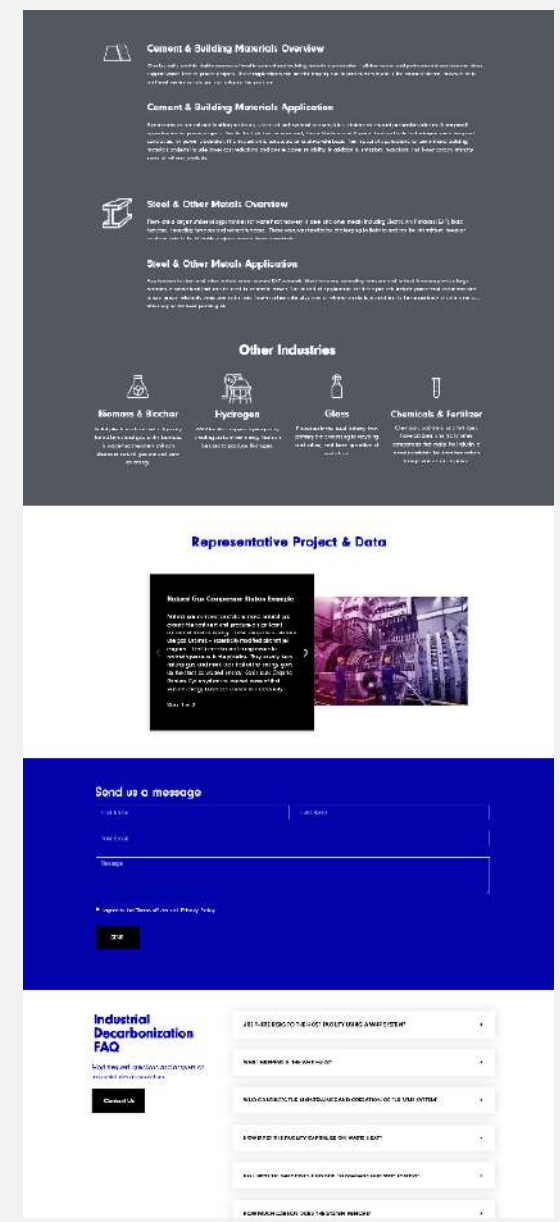
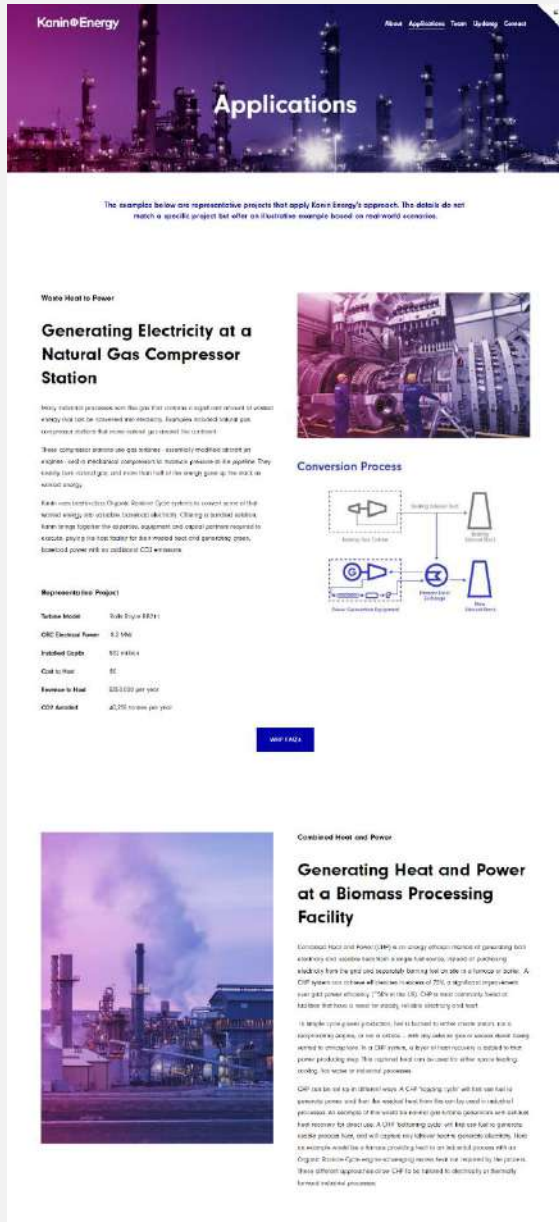
Company
2024-2025

Applications
Natural Gas

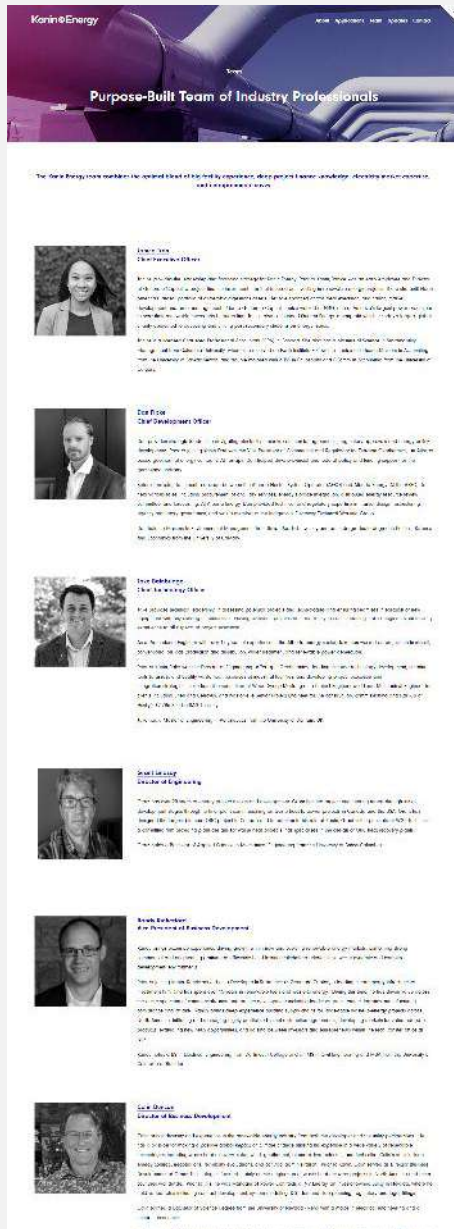
Solutions
PPL

Energy Insights
Market Intelligence
Sustainability

Kanin Energy Website migration and Redesign

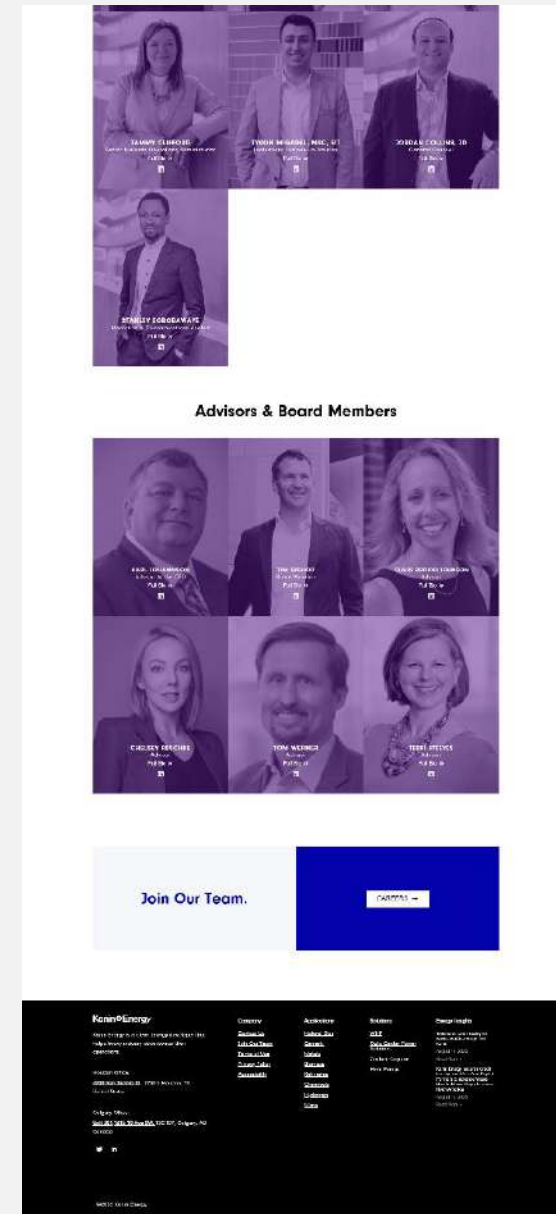
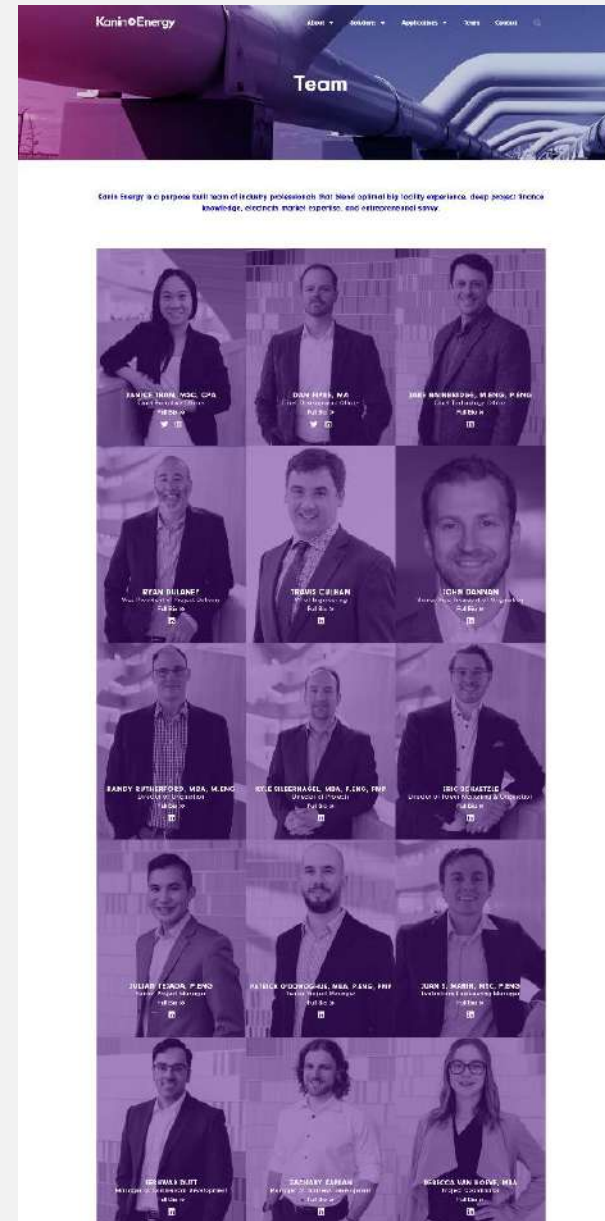


Team page on former squarespace website



Kanin Energy Website Migration and Redesign


Team page redesign, new WordPress website



View live page here: <https://kaninenergy.com/team/>

Kanin Energy Website migration and Redesign

Kanin Energy ✕





Janice Tran, MSc, CPA
Chief Executive Officer

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 digestion 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 Saskatchewan, and double majored with a BA in Philosophy and BComm in Accounting from the University of Calgary.

Janice on  

Kanin Energy ✕




Jake Bainbridge, P.Eng.
Chief Technology Officer

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 experience to all aspects of project execution.

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

Prior to Kanin, Jake was the Director of Engineering at TerraPro Geothermics - leading in-house research and development into a novel ultra-low temperature Stirling engine, creating tools to assess and qualify 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 start-up of Husky's \$2.7Bn Sunrise SAGD facility.

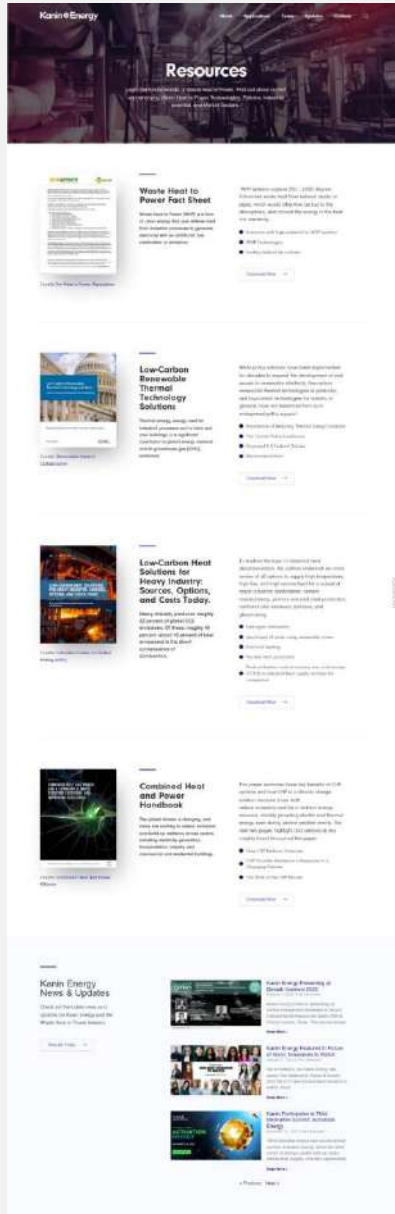
Jake has a Master of Engineering in Aeronautics from the University of Durham, UK.

Jake on LinkedIn 

<https://kaninenergy.com/team/>

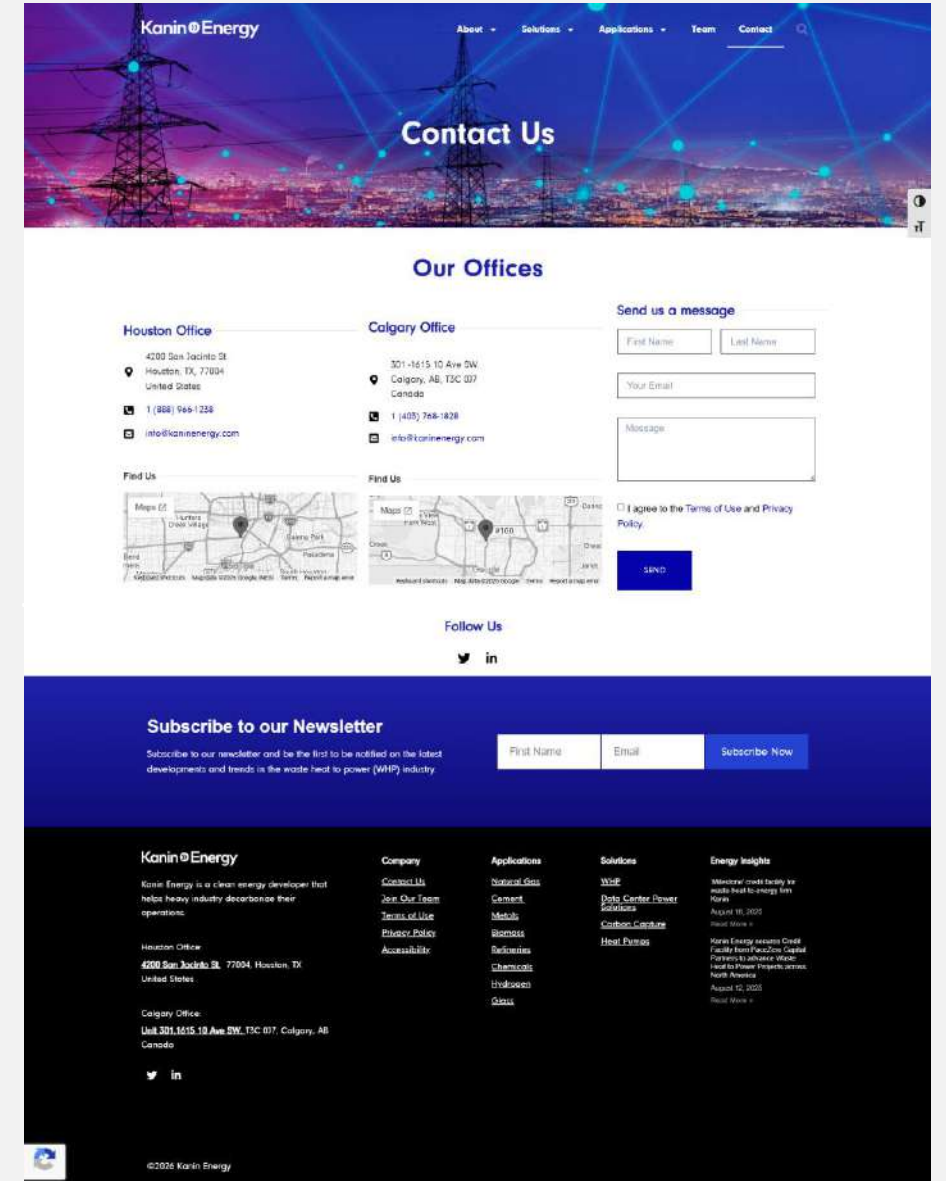
New resource page created on WordPress website

Kanin Energy Website migration and Redesign



<https://kaninenergy.com/resources/>

Contact page created on WordPress website



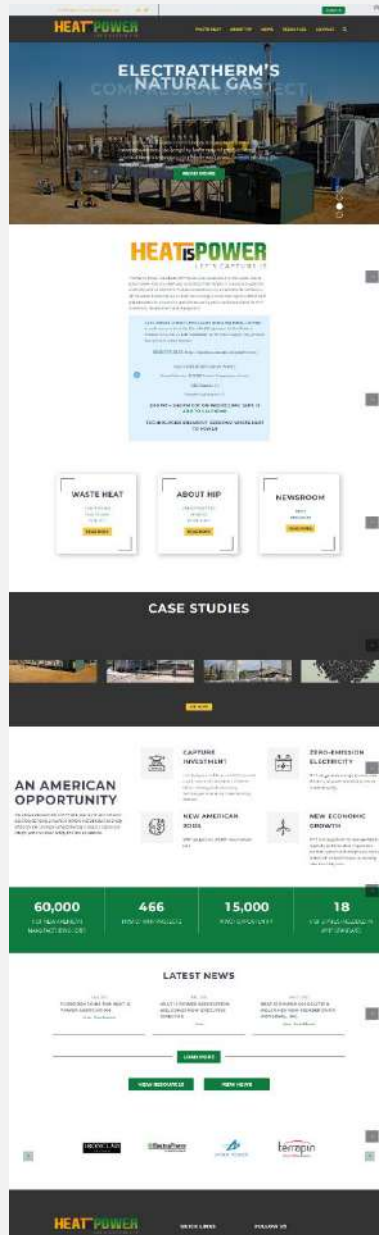
<https://kaninenergy.com/contact/>

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Website redesign for the Heat is Power Association (HiP) – Sample Pages

Home page on former WordPress website

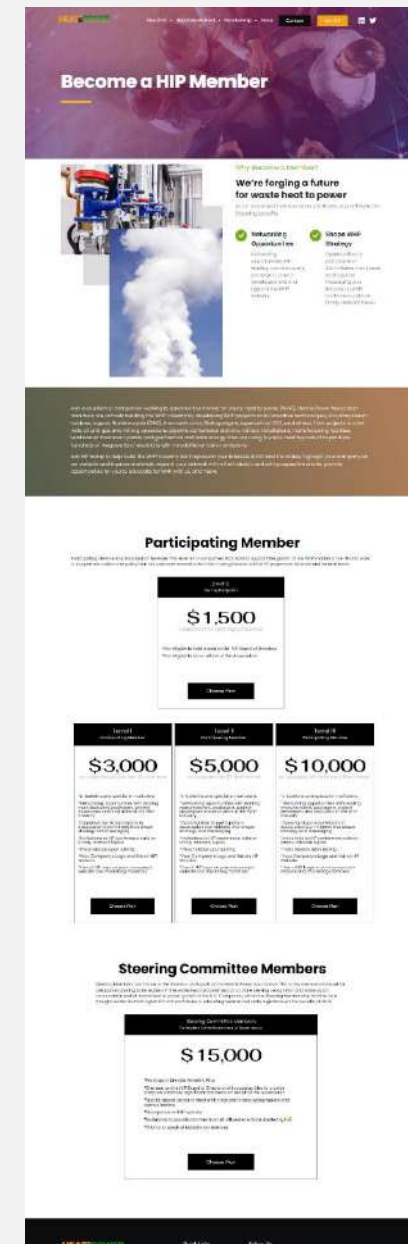
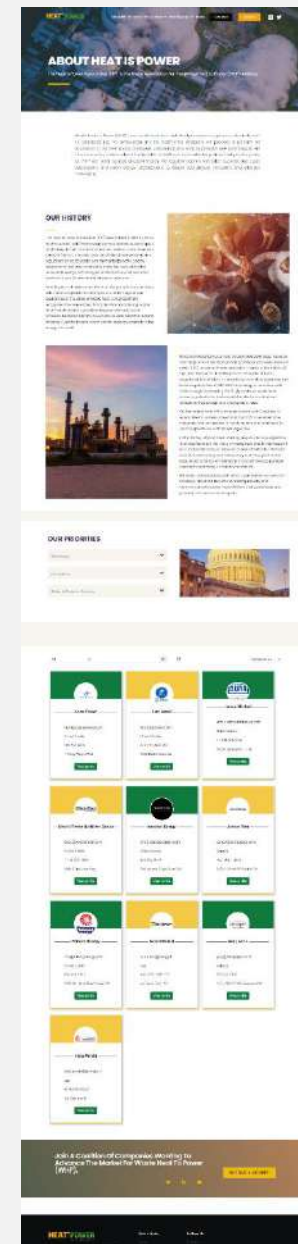
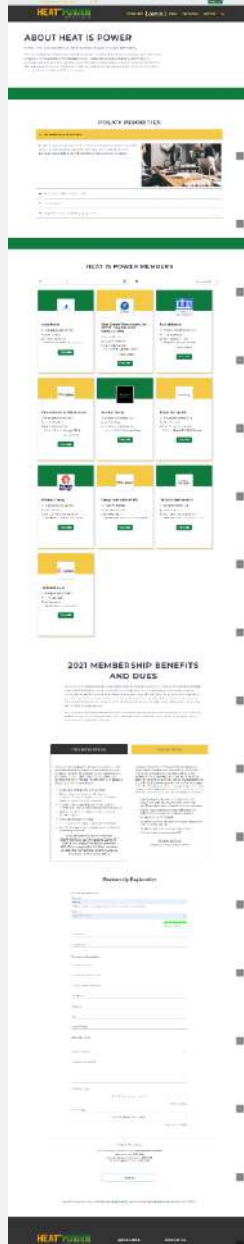
Heat is Power Association Website redesign



Home page redesign, new WordPress website



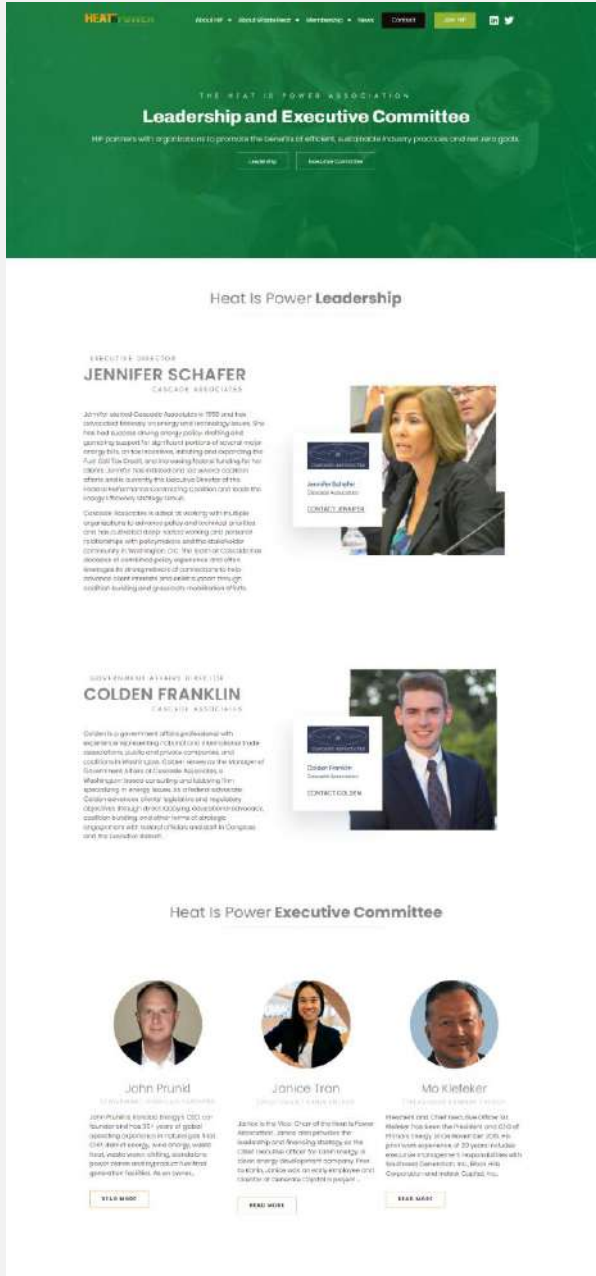
Heat is Power Association Website migration and Redesign



About & registration redesign, new website

New leadership page on website redesign

Heat is Power Association Website migration and Redesign



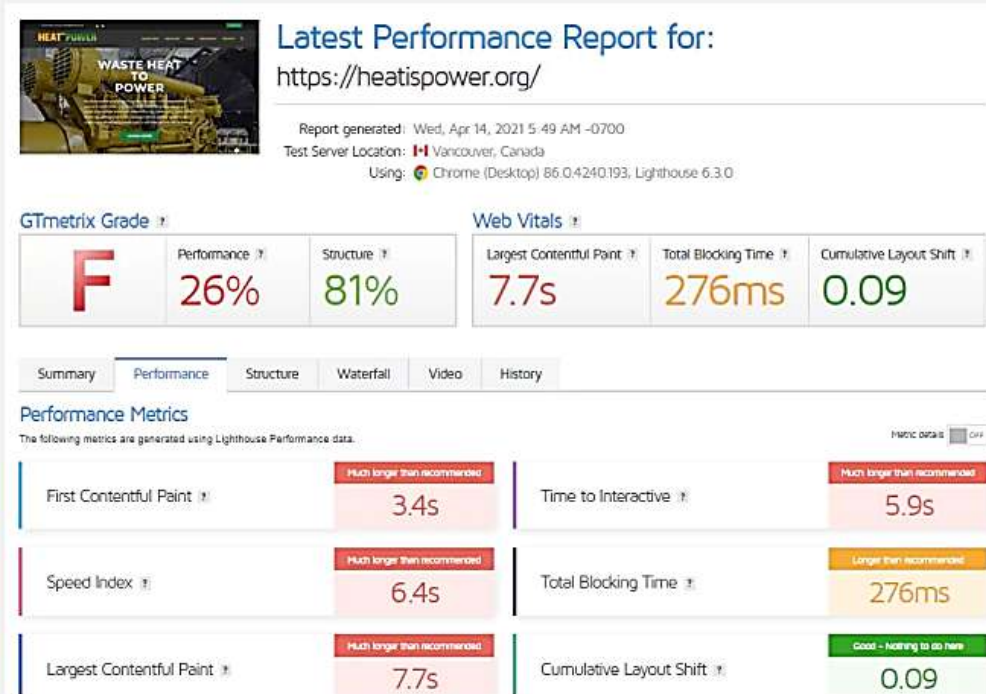
On clicking on "read more", each team member profile pops up.

<https://www.heatpower.org/team/>

Performance of old website

Performance of redesigned and optimized website

Heat is Power Association Website redesign performance



<https://heatpower.org> tests on <https://gtmetrix.com/>

Waste Heat to Power vs. Combined Heat and Power Fact sheet

<https://www.heatpower.org/whp-vs-chp-fact-sheet/>

Lead Magnet – appears after user submits their information and agree to privacy policy

Document Download Page

WASTE HEAT TO POWER

INVESTMENT TAX CREDIT

US Federal Investment Tax Credit for Waste Heat to Power Projects extended by Inflation Reduction Act of 2022

[View Report](#)

Why is Waste Heat to Power zero emission? How does it differ from Combined Heat and Power?

[READ THE FACT SHEET →](#)

WHP Waste Heat to Power

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INFLATION REDUCTION ACT 2022

SUMMARY OF TAX CREDITS FOR WASTE ENERGY RECOVERY PROPERTY

[DOWNLOAD PDF HERE ↓](#)

As a coalition of companies that work to advance the market for waste heat to power (WHP), the Heat to Power Association (HP) is excited to see the United States Congress give a 30% investment Tax Credit to "waste energy recovery property" through 2024 (for all qualified waste heat to power projects). We commend the efforts of our members, stakeholders, and public sector champions in bringing this accomplishment to fruition.

For more information, contact:
 HP Executive Director Jennifer Schafer at Jennifer@heatispower.org or HP Director of government affairs Colson@heatispower.org

[Twitter](#) [LinkedIn](#) [YouTube](#)

Have Questions Regarding The ITC? **CONTACT US TODAY**

Name Phone Email

Question

[Submit](#)

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HEAT IS POWER LET'S CAPTURE IT

The Heat to Power Association (HP) is the trade association for the waste heat to power (WHP) industry. HP educates decision makers about clean energy from waste heat and helps the parties that provide parity for WHP with other sources of emission-free power.

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WHP Waste Heat to Power

About Waste heat Page

Page with RPS Map

<https://www.heatpower.org/waste-heat/>

Resources Page

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<https://www.heatpower.org/resources/>

Thank you