

Energy, Sustainability, and Infrastructure

Breakthrough Innovation
Across Industries



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About Guidehouse's Energy, Sustainability, and Infrastructure Segment

With more than 700 consultants, Guidehouse's global Energy, Sustainability, and Infrastructure segment is the strongest in the industry. We are the go-to partner for leaders creating sustainable, resilient communities and infrastructure, serving as trusted advisors to utilities and energy companies, large corporations, investors, NGOs, and the public sector.

Each day, our experts leverage passion, expertise, and industry relationships to forge a resilient path forward. We turn vision into action by leading and de-risking the execution of big ideas and by driving outcomes that enable clients to reach their ambitions through transformation.

We've solved big challenges for:

How We Help



The world's **60** largest electric, water, and gas utilities



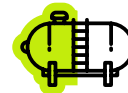
Five of the **10** largest oil & gas majors



European governments



The **20** largest independent power generators



The **20** largest gas distribution and pipeline companies



The US federal government's civilian agencies involved in the country's land, resources, and infrastructure



Contact Jan

“With an eye toward transformation, our teams bring the best of Guidehouse each day, enabling clients to reach their ambitions, solve their biggest challenges, and build the sustainable, resilient communities and infrastructure our world depends on.”

Jan Vrins

Leader of Guidehouse's global Energy, Sustainability, and Infrastructure segment



Who We Serve

Guidehouse's Energy, Sustainability, and Infrastructure professionals collaborate globally with utilities and energy providers, investors and large corporations, NGOs and the public sector to create sustainable, resilient communities and infrastructure. Learn more about how we empower clients to tackle their most difficult challenges.

Energy Providers

Guidehouse helps utilities and energy companies stay ahead of the curve as the industry rapidly transitions to one that requires a cleaner fuel supply, increased reliability, improved resilience, and more control over energy costs for customers.



Contact Dan

“Utilities and energy companies today are faced with adopting new business models, implementing advanced technologies, and designing alternative rate and pricing options as the market landscape changes. We help our clients transition to a more sustainable, resilient, and secure energy future.”

Dan Hahn
Leader of Guidehouse's
Energy Providers practice

Why Guidehouse?

- Guidehouse's industry leading perspective on power and energy system transformation informs our insights on client risks and rewards.
- Our experts have the ability to bring together experts in wholesale markets, utility planning, transmission, and regulatory support to ensure client needs are met holistically.
- We rely on a proven business strategy, as well as decades of functional and technical expertise, to guide clients from project design to implementation.

Learn more at guidehouse.com/esi.



Investors & Large Corporations

Guidehouse helps investors and large corporations create exceptional transition strategies. Our experts partner with clients on their sustainability journeys as the energy transition takes hold and decarbonization strategy and implementation gain a stronger focus.



“Investors and large corporations are facing challenges, but also new opportunities. We help you pinpoint and prepare for both.”

Jan-Willem Bode

Leader of Guidehouse's Investors & Large Corporations practice

Contact Jan-Willem

Why Guidehouse?

- Guidehouse has performed sustainability work in over 30 countries for hundreds of clients, including the Coca-Cola company, McDonald's, and The World Bank.
- We developed the Sectoral Decarbonization Approach to allocate a sector-specific carbon budget to companies based on economic contributions.
- Our team includes industry-leading experts in climate finance, science-based targets, circular economy, lifecycle analysis, climate policy, carbon pricing, and more.

Learn more at [**guidehouse.com/esi**](https://guidehouse.com/esi).



Public Sector & NGOs

Guidehouse helps public sector organizations and NGOs in the US and around the world succeed at the intersection of technology, engineering, finance, risk, and performance to provide actionable insights and tackle complex projects.



Contact Karen

“By applying the right people, expertise, and technologies to manage the specific industrial, economic, and environmental variables in play, we help optimize operations and ensure project success.”

Karen Wilson
Leader of ES&I's Public Sector
& NGOs practice

Why Guidehouse?

- Guidehouse brings agencies comprehensive program management solutions, tying together schedule, budget, risk, and performance complexity.
- Our experts provide analysis and insights from a deep data-driven approach, modeling, and predictive intelligence, enabling us to support policy development, innovation, and operational improvements.
- We put comprehensive, robust frameworks in place to identify, assess, and respond to all forms of risk and ensure operational efficiencies.
- We apply deep domain expertise in mission-critical public sector infrastructure, natural resource management, science, and logistics.

Learn more at guidehouse.com/esi.



Our Solutions

Guidehouse offers a unique approach to provide forward-thinking ideas and solutions in the critical, complex, and ever-evolving areas of energy, sustainability, and infrastructure. Our cross-cutting solutions combine deep domain expertise, market research, and advanced technology capabilities to provide breakthrough innovation.



Contact Michelle

“Guidehouse’s solutions were designed with a focus on impact and innovation. By breaking down silos and cutting across sectors, we deliver the holistic capabilities clients need as industry forces converge.”

Michelle Fay
ES&I Solutions Lead



Click the icons to learn more about each solution.



Building and Appliance Technologies

We help clients understand and meet the challenges associated with improving energy efficiency in the built environment by leveraging data and analytics, program delivery, regulatory guidance, and more to help clients meet their goals.

How We Help

- Emerging Technologies
- Codes and Standards



Contact Edward Barbour



Contact William Goetzler



Contact Judith Reich

Guidehouse’s team of subject matter experts operates where policy, technologies, and markets for energy-using products intersect.





Customer Programs

Guidehouse provides comprehensive and customer-centric solutions for clean energy programs including energy efficiency, demand response, electrification, energy storage, renewable energy, and sustainability programs.



[Contact Robyn Link](#)



[Contact Dan Bradley](#)



[Contact Jenny Hampton](#)

How We Help

- Program Strategy, Design, Implementation, and EM&V
- Customer Growth
 - Flexibility Platform
 - Sustainability as a Service
- Modern Pricing Platform

We help our clients visualize and identify market opportunities for clean energy programs and then work with them to build and strengthen those programs.



Data and Analytics

We offer a comprehensive integrated data and analytics solution to address our clients' most pressing data challenges and to support them in recognizing improved value and revenue streams from their data. Our solution provides leading edge data insight capabilities to drive operational improvement across generation, transmission, distribution, and customer focus areas while addressing the impacts of the evolving energy provider landscape, including areas such as energy efficiency, electrification, and the increasing influence of distributed energy resources (DER).



[Contact David Workman](#)

We support our clients in implementing end-to-end data strategies that address the appropriate people, processes, and technology solutions in the move to a culture where data is recognized as a commodity.

ES&I Solutions





Decarbonization

Guidehouse supports clients in the pursuit of sustainability, decarbonization, and Environmental, Social and Governance (ESG) initiatives, helping to navigate a rapidly changing regulatory environment and incorporate climate risk and opportunities into strategic planning. We combine our deep expertise with capabilities in data and analytics, program delivery, managed services, and more to provide holistic strategies based on knowledge of industry, geography, and specific client needs.



**Contact Danielle
Vitoff**



Contact Britt Harter

We partner with clients to address all facets of decarbonization and sustainability, helping organizations realize their maximum potential through the development and implementation of initiatives carefully tailored to their industry and purpose.

How We Help

- Climate Resiliency
- Sustainability as a Service
 - Guidehouse Papaya™
 - Supplier Leadership on Climate Transition
 - Scope 3 Financing and Supply Chain Management
- Energy Transition Financing
- Low Carbon Pathways
- Environmental, Social & Governance Solutions
- Hydrogen



Energy Systems

Guidehouse delivers full life cycle solutions to transform energy systems, markets, and operations for a more sustainable, resilient, and secure energy future. As the Energy Cloud transition takes hold, new value will be created and captured across highly dynamic and disruptive platforms. Our experts enable these platforms by using a proven business strategy, as well as decades of functional and technical expertise, to guide clients through articulate strategies, designs, and projects that leverage data and analytics, program delivery, regulatory guidance, managed services, and more.



Contact Roy Pratt



Contact Hector Artze

We help you envision, design, and implement strategies that create more resilient, reliable, and safer infrastructure while supporting increasing amounts of distributed energy resources and evolving customer needs and expectations.

How We Help

- Resiliency, Reliability, and Restoration
- Grid Modernization
- Asset Investment Planning
- Generation Services
- Power Delivery

ES&I Solutions





Mobility

We help clients start and advance their mobility journey through full life cycle consulting support. Our team of industry-sourced experts and management consultants leverages in-house datasets, analytics tools, and frameworks—including our Vehicle Analytics & Simulation Tool™ (VAST) suite and FleetSuite™ software—to offer go-to-market strategy, strategic roadmapping, market modeling, financial analysis, program design, regulatory support, managed services, and continuous improvement.

How We Help

- CleanFleets™
- Program Suite
 - Charging Infrastructure
 - Fleet Electrification
 - Managed Charging



As the shift to electrified transportation intensifies, Guidehouse's mobility experts support corporate, utility, and government clients as they look for new ways to unlock value streams, accelerate new product and service offerings, and reduce costs.

Contact Derek Jones



Risk, Compliance, and Security

Guidehouse's helps clients in pursuing investigations, addressing regulatory requirements, and developing comprehensive risk and compliance management programs. Our risk management consultants help energy providers manage critical reliability and security risks to their systems, leveraging data and analytics, program delivery, regulatory guidance, managed services, and more.

How We Help

- Compliance
- Cybersecurity



Contact Chris Luras

Contact Keshav Sarin

With insight on the latest trends, technologies, and industry knowledge, we not only help our clients prepare for compliance obligations, but we also help drive the effectiveness and efficiency of all reliability and security-related programs and processes.

ES&I Solutions



Clients and Awards

Guidehouse is a trusted advisor to clients across the energy, sustainability, and infrastructure segments. Our commitment to innovation and quality is recognized in the market. See some of the organizations we've worked and the accolades we've received.

Representative clients



Industry Awards



Partners in Success



Key Insights



Click the insights below to explore some of our latest thought leadership.



Energy Cloud 4.0



**Navigating the
Decarbonization Journey**



Integrated DER



**State and Future of the
Power Industry**



**Impacts of COVID-19
Executive Pulse Survey**



**Financing the Energy
Transformation**



Transportation to Grid



Building to Grid



**Gas Decarbonisation
Pathways 2020-2050**



**Dutch Offshore Wind
Market Update**

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[linkedin.com/showcase/guidehouse-energy-sustainability-and-infrastructure-es&i](https://www.linkedin.com/showcase/guidehouse-energy-sustainability-and-infrastructure-es&i)



twitter.com/GuidehouseESI

