



Building strategies for a sustainable future.



Image by DES Architects

Designing healthy, efficient, high-performance buildings.



Image by Mark Luthringer Photography

Sustainable design strategies don't have to add substantial time and cost to project design, construction and commissioning.

Successfully incorporating sustainable design strategies into building projects or community policies can be challenging. With the right partner, these strategies don't have to add substantial time or cost to the design, construction and commissioning process. KEMA's experience has shown that green building projects can be both time and cost efficient and deliver increased opportunities for capital and operational efficiencies.

Effective, sustainably designed projects and green building policies require much more than a documentation methodology. It requires a whole system sustainability approach based on an in-depth understanding of building systems and technologies, design and construction processes, and the real-world feasibility of integrating these two. KEMA's unique combination of expertise enables reduced site impacts with minimized energy and resource consumption in buildings that are cost-effective, productive, healthy, and comfortable.

Implementing real-world green building solutions

KEMA is a provider of sustainable design consulting services to both private sector and local governments. Since 1998, we have been the primary sustainability consultant for over 120 construction projects, written several comprehensive guidelines and trained over 4,000 people. The majority of our construction or renovation projects pursue LEED® certification.

Our expertise includes:

- Commercial, mixed-use, and multi-family projects
- Building design, construction and renovation
- Sustainable community development
- Greenhouse gas mitigation strategies

Our interdisciplinary green building practice is committed to assist clients establish and meet realistic and comprehensive green building and sustainability goals. Our practical recommendations are tailored to client priorities. Services include:

- Green Building design assistance
- LEED documentation, evaluation and commissioning
- LEED for New Construction and Major Renovations, Core and Shell, Commercial Interiors, Homes (multi-family), and Existing Buildings: Operations and Maintenance
- GreenPoint Rated design assistance, inspection and evaluation
- Training, facilitated charrettes, and public speaking

Integrated design with a holistic perspective

KEMA understands the importance of getting involved early in design to maximize opportunities for innovative, cost-effective, and sustainable solutions. We work with the client and key members of the project team to establish an action plan outlining project goals and key sustainable design measures likely to help the project achieve those goals. Our experience with LEED and other green building systems provide a solid foundation to efficiently assist project teams during the design and construction phases.

Broad range of services

Whether your project is pursuing LEED or other green building certification, or is seeking to maximize water and energy efficiency opportunities, KEMA can help. Our services include:

Buildings – We provide sustainable design assistance for mixed-use, multi-family, commercial and public buildings. Our services are tailored for each client and may include: project management, eco-charrette facilitation, design assistance, plan and specification review, modeling support, RFQ/RFP language development, project team organization, and LEED commissioning and documentation services.

Tools – We've developed a variety of project management tools to allow us to focus on achieving results. For example, taking advantage of KEMA's LEED documentation tools help minimize any additional costs of the LEED certification process and increase resource savings opportunities.

Education – We educate hundreds of professionals every year through training courses in green building project management, cost control, sustainable design policy, green residential design, materials, energy efficiency and renewable energy.

Client types:

- Building Owners
- Architects and Design teams
- Developers
- Public Agencies



About KEMA

KEMA is a global company deeply involved in the future of how energy is supplied and used around the world. Working with over 500 energy companies, building owners, governments, and various industries, KEMA provides innovative solutions in the areas of reliability, sustainability and profitability. With over 1,500 employees in more than 20 countries, KEMA is solving real world challenges in all aspects of the energy chain. We are a leader in planning and implementing energy efficiency and demand responsive strategies, and a trusted ISO certifier of numerous products and processes. Our expertise includes clean and economic energy generation, renewable energy technologies, energy industry restructuring, and reliable energy delivery, and we help various clients set and achieve CO₂ reduction and other environmental goals.

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