



energy



THE POWER OF CLEAN ENERGY

Clean energy is at the forefront of our nation's policy agenda. Some analysts predict clean energy technologies will comprise the fastest growing sector of the United States economy in the years ahead. Renewable energy and energy efficiency technologies are key to creating a clean energy future for not only the nation, but the world.

Sustainability, finding a secure supply of energy from anywhere, and combining this natural resource with efficiency are emerging goals in the energy industry. The American Recovery and Reinvestment Act (ARRA) extended tax credits and grants to developers of renewable energy, enticing great interest for everyone to "clean up".

HR Green provides strategies to clients to help them reduce carbon footprints, energy and water demands.



HR Green is poised to help private and public sector clients meet their need for renewable clean energy.

NATURAL RESOURCES TO ENERGY

HR Green's Energy business line engineers, procures, and constructs clean energy production facilities for communities, utilities, private sector companies, and institutions such as schools and hospitals. HR Green is full-service provider of select renewable energy solutions in the distributed energy market.

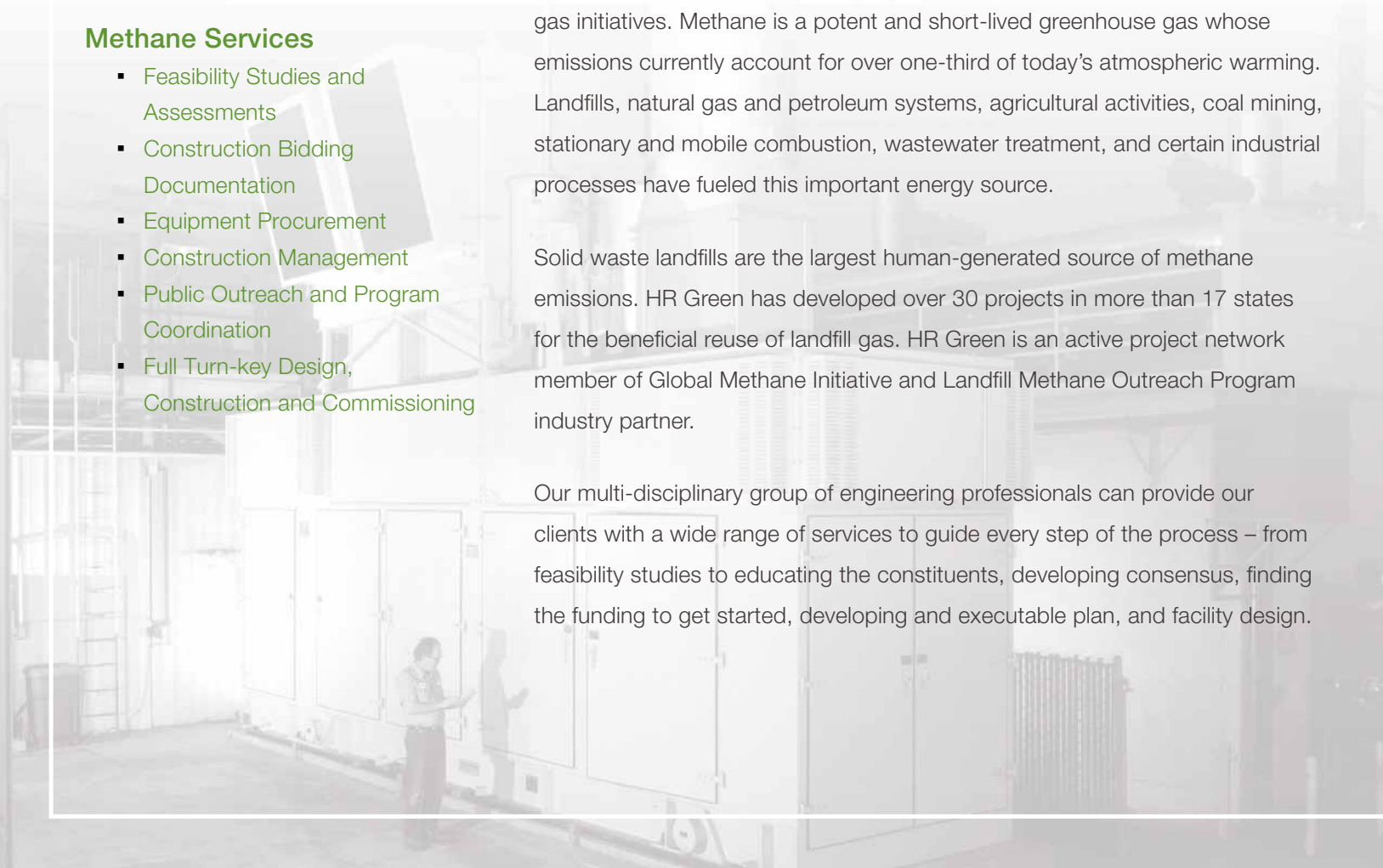
Methane: HR Green is an industry leader in supporting methane natural gas initiatives. Methane is a potent and short-lived greenhouse gas whose emissions currently account for over one-third of today's atmospheric warming. Landfills, natural gas and petroleum systems, agricultural activities, coal mining, stationary and mobile combustion, wastewater treatment, and certain industrial processes have fueled this important energy source.

Solid waste landfills are the largest human-generated source of methane emissions. HR Green has developed over 30 projects in more than 17 states for the beneficial reuse of landfill gas. HR Green is an active project network member of Global Methane Initiative and Landfill Methane Outreach Program industry partner.

Our multi-disciplinary group of engineering professionals can provide our clients with a wide range of services to guide every step of the process – from feasibility studies to educating the constituents, developing consensus, finding the funding to get started, developing and executable plan, and facility design.

Methane Services

- Feasibility Studies and Assessments
- Construction Bidding Documentation
- Equipment Procurement
- Construction Management
- Public Outreach and Program Coordination
- Full Turn-key Design, Construction and Commissioning



Wind: Wind power will play a major role in meeting the demand for renewable-based electricity. Wind energy is now one of the most cost-effective sources of new electricity generation, competing with new installations of natural gas and costing less than either coal or nuclear power.

Wind power is growing at a fierce pace and HR Green is providing wind energy development assistance for clients who want to capitalize on this growing utility option. HR Green has helped numerous clients from financing through resource assessment and construction. Our team of experienced professionals knows the technology, the market and the legislation in this unique and fast-paced renewable energy field.

Wind Services

- Wind Resource Evaluations
- Technology and Feasibility Assessments
- Site Selection
- Transmission and Interconnection Studies
- Environmental Permitting and Licensing
- Engineering, Procurement, and Construction
- Project Development Advisory

Solar: Solar energy is the technology used to harness the sun's energy and make it usable. It is lauded as an inexhaustible fuel source that is pollution and often noise free. HR Green has the unique and comprehensive capabilities to align fixed array photovoltaic solar technologies with energy system requirements.

HR Green has an experienced team of scientists and engineers who have solar energy knowledge and expertise. Our technical professionals have a wealth of experience related to photovoltaics, SCADA, control systems and utility interconnect.

HR Green provides sustainable cost-effective clean energy solutions that improve air and water quality, as well as human health.

Solar Services

- Technology and Feasibility Assessments
- Energy Analysis
- Environmental Permitting and Licensing
- System Design
- Component Procurement
- Construction Management





HR Green's Energy business line offers clean, affordable energy alternatives to help communities, utilities and private sector companies operate effectively and efficiently.

BUSINESS ACCOUNTABILITY



Toll Free **800.728.7805**
Learn more at HRGreen.com

transportation
water
governmental services
senior living
energy

HR Green is a professional engineering and technical consulting firm serving clients throughout the United States and beyond. We enjoy a longstanding reputation for business accountability. We are a privately held, employee-owned company, fully committed to the success of our clients and the well-being of our employees.

Business accountability means that we partner with our clients to create viable facilities and healthy enterprises that are truly sustainable for the client.

We work this way with every client, whether in the public or private sector, and at every step of their journey: design, construction, ownership and operation.