

ENGINEERING INNOVATION

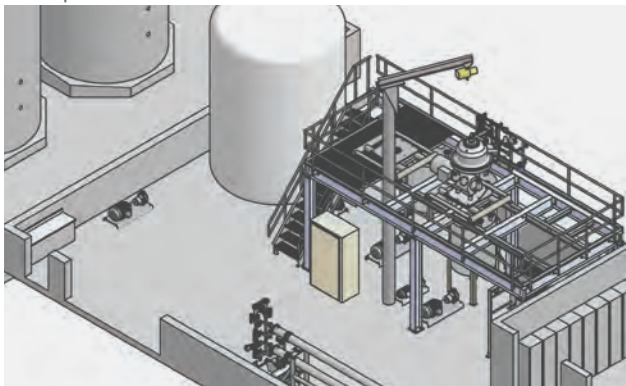
GreenShift is primarily known for its cutting edge technology development, however technology is of little practical use without the ability to commercialize. GreenShift Engineering Inc.'s engineering and construction services are your key to putting innovative technologies to work for you.

GreenShift Engineering Inc. is a full-service engineering firm offering a broad range of services. Our team has a lifetime of experience designing, installing, commissioning and servicing equipment in a variety of industries.



Process Design

GreenShift Engineering can fully develop nearly any project from concept through to construction. GreenShift Engineering's attention to detail prevents costly construction mistakes and time delays. Our belief is that any project is "cheaper on paper than it is in stainless steel". Your project will be on time, on budget, with the quality you expect.



3D Design

Want to know what your equipment will look like before it's built?

GreenShift Engineering will bring your project to life through detailed 3D design, allowing you to see what you will have before it is built.

Whether new construc-

tion or modification of an existing process, seeing the process before it is built will ensure appropriate ergonomics, maintainability, and safety.

- The GreenShift Engineering design process includes the opportunity to review and mark up preliminary process designs, and to approve detailed designs before construction begins. Our designs include equipment design and specification, controls design and specification, design for maintainability, and design for the safety requirements of your facility.

- See your project before construction begins. With 3D design work by GreenShift Engineering, the number of unknowns can be reduced, allowing you to confidently move forward with construction.

- GreenShift Engineering provides turnkey project delivery at a fixed price up to \$10,000,000. With a turnkey project, GreenShift Engineering is prepared to handle: procurement, construction management, installation, commissioning and startup. With GreenShift Engineering, you have a single source for your project's success.

INDUSTRIES SERVED

- Fuel Ethanol
- Biodiesel
- Food Processing
- Meat and Meat Byproduct Processing
- Construction and Engineering
- Automotive
- Information Technology

AREAS SERVED

- US and International

PROJECT SIZES

- Turnkey up to \$10,000,000
- Project Management up to \$50,000,000

PROJECT EXPERIENCE

- Fats and Oil Separation
- Process Optimization
- Biodiesel Design, Build and Optimization
- Project Management
- Startup and Commissioning
- Heat Transfer Systems
- Drying Systems
- Industrial Automation
- Evaporation Systems
- Dissolved Air Flotation Processing

Turnkey Process and Equipment Installation

When it is time to build, GreenShift

Engineering can manage all aspects of your project's procurement, construction, installation, commissioning and startup.

GreenShift Engineering can offer turnkey, fixed priced, installations on projects up to \$10 mil and construction management for projects up to \$50 mil. Whether greenfield or modification to existing infrastructure, GreenShift

Engineering's experienced staff will make your project a reality.



Information Technology and Machine Controls

Machines and processes are of little use without effective controls. Automation is often the key to an efficient process or piece of equipment. GreenShift Engineering offers the automation services required to make your process and plant complete. Whether it is standalone PLC programming or integrating into existing DCS control systems, GreenShift Engineering has the capabilities to do it.

GreenShift Engineering also provides a broad range of IT services, from plant networking, to administrative process such as email and web server management.

Other Services

Maintenance and training are key to the efficient operation of any plant. GreenShift Engineering offers full service maintenance and training services. These services include operating and maintenance procedure development, preventive maintenance tracking and scheduling, servicing equipment, and training.



GREENSHIFT ENGINEERING INC.

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