

GREEN BUILDING

LEED® and INDUSTRIAL FACILITIES

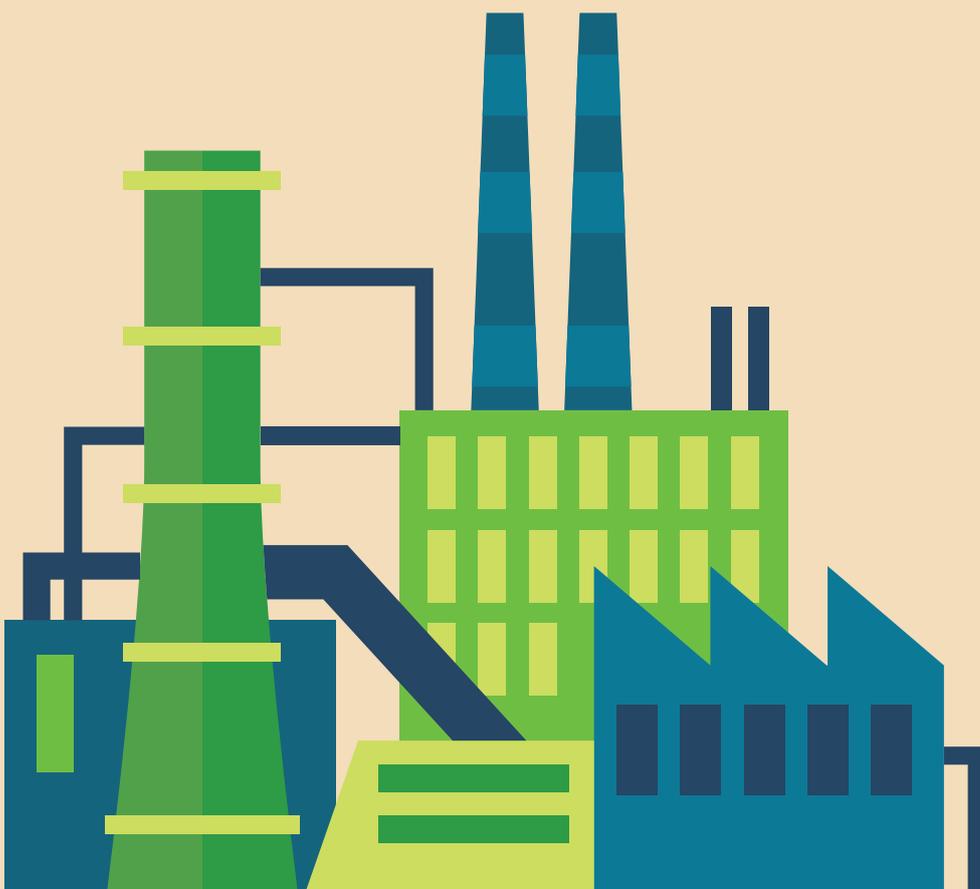
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Organised by



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www.energogroup.com

INTRODUCTION

Today's factories look nothing like what you picture when you think of the Industrial Revolution—they are dramatically transforming the way we view manufacturing. All over the world, our industrial facilities are committing to making a critical impact in their markets by certifying their facilities to LEED®. Factories can be green and, in fact, factories need to be green.

The nature of manufacturing means that factories consume energy and water at a rate much higher than a conventional building. The cost of this consumption is high, not only in environmental impacts, but also on a company's bottom line. For large-scale manufacturers, energy costs alone can total in millions per year. The opportunity for savings and efficiencies is great for industrial facilities – but they are complex since manufacturing spaces are vastly more complicated buildings than an average commercial office space.

GREEN BUILDING & INDUSTRIAL FACILITIES

MANUFACTURING FACILITIES,
DISTRIBUTION CENTERS AND DATA CENTERS

Moving from the manufacturing process to consumer preference, more and more consumers are asking about the content of their products. Are the materials healthy? Are they sustainably harvested? Can they be recycled? While this is more challenging to determine, it also matters where your products are made—in an efficient, safe, healthy and sustainable building.

For manufacturers, efficiency equals a healthy business unit and LEED buildings are extremely energy and water efficient. LEED helps us to build more sustainable communities with high-performing buildings where human health is prioritized and enhanced. Efficient buildings are simply a good business decision and, on the industrial scale, can save owners and operators millions.

**Better for Manufacturers
and Better for You!!!**

WHY GREEN FACILITIES?

PEOPLE

WORKERS: Green buildings positively impact occupants' health, safety, well-being and overall experience.

PLANET

MATERIALS: The purchasing power and impact scale of a manufacturing facility can extend far beyond the four walls of a building, with reach both up and down the supply chain.

PROFIT

PAYBACK: Green buildings are worth the investment and sustainable manufacturers understand the value of pursuing LEED certification to ensure each investment is sound. LEED buildings provide increased cost-savings, decreased annual operating costs, a higher return on investment overall, and increased asset value over time.

SAVINGS: Green buildings generate impressive savings. For example, a leading manufacturer saw 33 percent savings on energy costs after making changes to a building's baseline design in pursuit of LEED Gold certification.

ABOUT ENERGO

ENERGO, is an european leading company in sustainable design and certification processes (LEED, Breeam and DGNB), and one of the few official USGBC's Education Partner with more than 15 years international experience in designing, engineering, project management and technical consulting.

Services related to LEED certification: the whole process is carried out directly by our group without a third-party intervention and includes the process management, the advice to designers and all companies, the energy modelling, the commissioning, the simulations of natural lighting and everything else that is necessary for any LEED protocol. In our curriculum you can find over 500.000 sq.m. of certified LEED buildings for which we have provided consulting and "turn-key" services to our customers across Europe.

Specificity and excellence achieved allow to differentiate ourselves from all of our competitors at the European level.

ABOUT USGBC

The U.S. Green Building Council (USGBC) is a nonprofit organization composed of leaders working to advance buildings that are environmentally responsible, profitable and healthy places to live and work.

USGBC is committed to transforming the way our buildings are designed, constructed and operated through LEED — the top third-party verification system for sustainable structures around the world.

Every day USGBC is helping advance spaces that are better for the environment and healthier for us to live, work and play in. Through our community network, continuous collaboration with industry experts, market research publications and LEED professional credentials, USGBC remains a key driving force in the green building sector.

LEED, is a certification program for buildings and communities and communities that guides their design, construction, operations and maintenance toward sustainability. It's based on prerequisites and credits that a project meets to achieve a certification level: Certified, Silver, Gold and Platinum.

Our staff strives to ensure LEED stays innovative, technically rigorous and market relevant. LEED regularly undergoes evaluations and other improvements, whether through clarification of specific credit's language, an adaptation to an existing rating system, or a comprehensive update to an entire suite of rating systems.