

geff

generation – all of us

efficiency – doing things right, being effective

We provide energy efficiency-focused consulting and project management services for building technologies, production processes, and infrastructure challenges. Through our network of geff Partners and our branded services, we bring local and international licensed experts to you from under one brand to cover all of your energy efficiency-related needs – from planning & installation to maintenance & operation.

geff

WE SAVE ENERGY, GUARANTEED

With geff, companies from the industrial, commercial, and institutional sectors get complete energy savings solutions for their facility infrastructure – solutions which can vary widely based on the client’s needs.

We approach energy from the perspective of examining overall energy demand, and analyze, optimize, and ensure efficiency at the total energy consumption level, individual component energy consumption level, and equipment efficiency (electrical and mechanical) levels for ventilation, heating, cooling, compressed air, lighting, etc. – basically covering the entire facility infrastructure system.

We guide our clients through the entire optimization process, providing individualized, modular services for everything from the initial analysis and planning, to the implementation and execution, to even the financing of the project. Sustainable and long-lasting savings successes are ensured via training programs for your employees and deployment of our monitoring systems.

In every project that we do, we focus on the three most important factors within an optimization process. The behavior of the users (people), the system as a whole (system), and the technologies being used in that system (technology) are treated as a unified element. We attune these three factors to each other in order to reach the right balance. This allows us to achieve the optimal level of energy efficiency for our clients.

Together with our customers, we want to save
5,000,000,000 kilowatt hours of electricity
and cut energy costs by \$ 500,000,000
over the next ten years





The optimal level of efficiency is achieved through the successful integration of

People

From our perspective, the impact of the "human"-element in an efficiency concept is one of the most important factors to success. Only through and with the cooperation and engagement of people can a project be truly successful – therefore we make sure to involve everyone possible. If all the participants are able to see the reasoning behind and the uses of the solution in a positive light, the positive energy saving effects of that measure will be significantly higher. We cover everything from providing the participants with basic information about the proposed efficiency solution and its intended results, to directing targeted further-education sessions.

System

We take into account every phase of the energy consumption supply chain: energy generation, storage, distribution, use, and conversion. For example, is there excess energy in the heating system, which could be transferred into another system for consumption or storage there via the implementation of new technologies? Using this approach, we check for and integrate complementary equipment deployments throughout the building's energy consumption infrastructure, and are thereby able to reach maximum system operational efficiencies.

Technology

Through our worldwide network, we are always on the cutting edge of technological developments and have access to many innovative solutions, while at the same time maintaining manufacturer-independence, allowing us to focus on finding you the most fitting solution for your needs. The latest energy efficiency technologies are standard in our services. Deploying a customer-specific monitoring solution ensures user-friendly transparency, overview, and sustainability on all projects.



re
talk

geff is global

Our global network of partners helps ensure a constant flow of new technology innovations. We bring these new solutions for energy efficiency to our clients from around the world.

geff is manufacturer-independent

Being independent of manufacturers guarantees us the ability to adopt and deploy the latest proven energy efficiency solutions no matter where they come from.

Modularized

Our solutions for energy optimization are fully modular, allowing for maximum flexibility and customization, while maintaining the benefits of a fully integrated system. Each client receives a customized package of efficiency measures made up of one or more modules.

Savings Guarantee

We guarantee the energy savings that we promise our clients.

Facilitation of Financing

We facilitate individual financing modules, set up to strike the right balance between the economic and environmental needs of our clients.

Partner for Innovation

geff can develop completely new, customized solutions for clients, no matter what their energy optimization challenge looks like.

Media +

Through the module, Media +, we are able to provide individualized marketing and PR support services. Let your energy efficiency successes carry you further into the future.



for your
savings advantage

OUR SUCCESSES

Telecommunications

A major German telecommunications provider was already supplying 100% of the electricity needs for its administration facilities with renewable energy. Our task was to help them further reduce their energy consumption while at the same time drastically lowering their CO2 emissions. Our success is clearly visible in the yearly savings that we managed to generate for them.

saved
67%

39,420,000 kWh/a

5,709,103 \$ per year



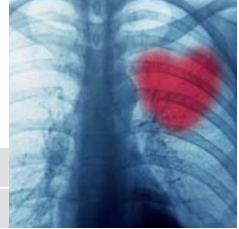
University Hospital

This university hospital treats approximately 700,000 patients each year. Its primary focus is oncology. Energy efficient ventilation equipment is helping them save roughly 454,969 Euro (\$581,058.75 USD) in avoided energy costs per year.

saved
38%

4,012,080 kWh/a

581,058 \$ per year



Automotive Industry

A large German automobile producer with multiple production facilities throughout Germany needed to replace its old ventilation systems. The challenge in this case was that the retrofit work had to for the most part take place during ongoing production in the factories, as demand for new cars simply did not allow for production downtime.

saved
43%

45,164,316 kWh/a

6,541,038 \$ per year



Medical Center

This medical center includes a medical clinic, ambulatory practice, ambulatory rehabilitation unit, and senior living facilities. Its multifunctional nature and the high patient traffic that this facility deals with on a regular basis present many challenges. Nonetheless, geff was able to help significantly reduce their energy costs.

saved
54%

4,231,080 kWh/a

612,776 \$ per year



Together with our partners, representing 30 years of experience

- Adam Opel GmbH** (European Branch of US auto OEM, General Motors)
Allianz Immobilien GmbH (real estate management and investment firm)
AUDI AG (luxury auto OEM)
BMW AG (luxury auto OEM)
Boehringer Ingelheim Pharma GmbH & Co. KG (global pharmaceutical company)
BorgWarner Inc. (large American automotive supplier)
Carl Zeiss AG (globally leading optics producer - everything from camera lenses to microscopes)
Commerzbank AG (Germany's second largest international bank)
Daimler AG (truck OEM and owner of Mercedes, among others)
Deutsche Bahn (Germany's national train system)
Deutsche Bank AG (Germany's largest international bank)
Deutsche Lufthansa AG (Lufthansa Airlines)
Deutsche Telekom AG (largest German telecommunications provider and owner of T-Mobile)
Deutsches Zentrum für Luft- und Raumfahrt (Germany's equivalent to NASA)
Fachhochschule München (technical university in Munich)
Ferrero OH GmbH (Italian chocolate producer)
Flughafen München GmbH (Munich International Airport)
Flughafen Stuttgart GmbH (Stuttgart International Airport)
Fraport AG (airport operations & management company for the Frankfurt International Airport)
Grace Manufacturing GmbH & Co. KG (US-owned chemical manufacturing firm)
Hochtief Energy Management (construction - owns Turner Construction in the USA)
Klinikum Augsburg (hospital)
Klinikum Bamberg (hospital)
Klinikum Nürnberg (hospital)
KölnBäder GmbH (management of the public pools and saunas for the City of Cologne)
L'OREAL Deutschland GmbH (global cosmetics company)
Robert Bosch GmbH (automotive supplier and durable goods manufacturer)
RWE Energie AG (electrical utility)
Siemens AG (global technology company, energy efficiency provider)
Staatliches Hochbauamt Stuttgart (city-owned facility management firm for the City of Stuttgart)
Staatsoper Hannover (Hannover operahouse)
Staatstheater München (Munich public theater)
STRABAG Property and Facility Service GmbH (property management firm)
Technische Hochschule Darmstadt (technical university in Darmstadt)
Universitätsklinikum Frankfurt (university medical school and hospital)
Universitätsklinikum Heidelberg (university medical school and hospital)
Universitätsklinikum Tübingen (university medical school and hospital)
Volkswagenwerke AG (factory operations for the auto OEM, VW)
ZF Lenksysteme GmbH (large automotive supplier)

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