

# geff

## pressure +

pressure +

ventilation +

lighting +

recovery +

control +

energy +

monitoring +

power +

**g**eneration - all of us

**e**fficiency - doing things right, being effective

We provide energy efficiency-focused consulting and project management services for building technology, 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.

pressure +

**Intelligent Controls**  
**Heat Recovery**  
**Air Pressure Management**  
**Variable Speed Drives**  
**Compressor Management**

## Optimizing your compressed air system

**geff offers** modular solutions, customized to the demands of your operations and existing systems. We focus on both your economic and your environmental needs.

Our role as a **manufacturer-independent** energy efficiency expert guarantees that we will help you find the most modern and innovative compressed air concept to fit your individual needs.

**Understanding** for what, how, and by whom your compressed air system is being used plays a central role in optimizing your system. We take care of the necessary analyses as well as provide training for user-behavior improvements, in order to get the maximum efficiency out of every use.

**geff guides** you through the entire optimization process. The basis of a pressure+ project is an audit and analysis of the data for the entire compressed air system. Everything from the production and treatment of compressed air, possible recovery of waste heat, and air distribution system, through to the control of individual components of the entire system, the actual end-consumption of the compressed air, and the employees operating the system will be investigated and evaluated. The ensuing creation of an efficiency concept as well as the implementation of said concept are of course a key part of our service. We will also work with you to evaluate, develop, and execute the most appropriate financing model for your project.

**We offer you a complete solution - a worry-free package - guaranteed and financed.**

## Steps



**feel worry-free**

**Visualize/Analyze**  
**Implement**  
**Monitor**



**Energy Savings**  
**Guarantee**

**Facilitation of**  
**Financing**

**savings 10% 30% 70%**

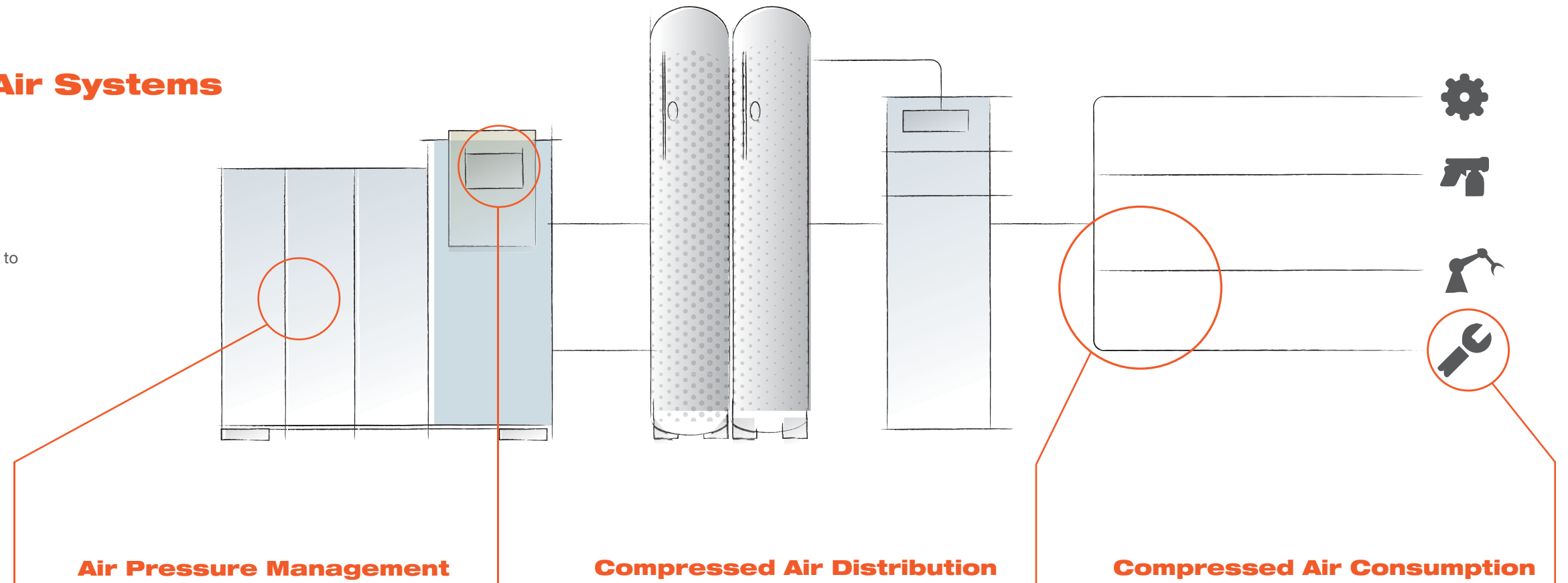
**ROI 6 months 1,5 years 3 years**



# Efficient Compressed Air Systems

## The plus points of an optimized compressed air system

- + energy savings
- + integrated energy management
- + optimal utilization of compressor capacity
- + individual components are adapted to each other as well as to the larger system as a whole
- + web-based monitoring for maximum transparency
- + demand-oriented maintenance
- + reliability and durability



## Compressed Air Production



Replacement of obsolete compressors with new, more efficient models allows for the production of the necessary compressed air with significantly less electricity.

The wasted energy, which is shed via heat during the compression process, can be recaptured and used for other purposes with the right heat recovery equipment.

**Save up to 70%**

## Air Pressure Management



geff offers an intelligent control solution: automatic control and optimization of the compressors, integrated monitoring, and demand-oriented maintenance - all at the same time.

**Save up to 30%**

## Compressed Air Distribution



Leaks in the air distribution system can lead to significant energy losses. Testing for and repairing these leaks minimizes the unwanted loss of air pressure and increases the effectiveness of other optimization measures.

The energy consumption of the system can be further reduced through the adjustment of the dimensions of the air distribution system to better match the optimized demand.

**Save up to 30%**

## Compressed Air Consumption



The installation of intelligently-controlled, innovative end-point tools and other air consumption devices also reduces energy consumption.

We can achieve maximum energy efficiency through training and sensibilization of your employees for how and where they are using compressed air in their everyday jobs

**Save up to 10%**

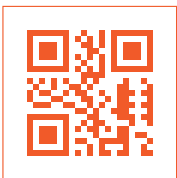
feel efficiency

feel good

feel **geff**

**The first step to becoming more efficient  
and sustainable is to recognize your role  
in solving the greatest challenge in our society  
- join generation efficiency.**

**g**eneration  
**e**fficiency



**geff**  
**generation efficiency**

Steffen Müller, President

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