

# DEFINING GASAG'S TRANSFORMATION JOURNEY TO CARBON NEUTRALITY BY 2045

Capgemini Invent worked with GASAG to validate carbon neutrality targets, identify fields of action, and develop a CO<sub>2</sub> Savings Roadmap

## **GASAG: one of Germany's largest energy suppliers on the market since 1847**

The new Climate Protection Act offers hope and a path forward for society as a whole, but also hurdles that must be overcome and that impact energy suppliers in particular, for whom achieving carbon neutrality is a huge task. Today, GASAG's core business – the sale of electricity, gas, and heat as well as the secure operation of energy infrastructures – only allows for the immediate prevention of emissions to a limited extent due to various technological, economic, and regulatory reasons.

Early on, GASAG set a goal of being carbon neutral by 2045. Existing ambitions to reduce emissions are already being translated into numerous measures across the company. In order for GASAG to embark on a carbon-neutral path and at the same time survive in the market, the company requires extensive changes made through a holistic approach across every business unit.

## **The transformation to climate neutrality requires a clear implementation roadmap**

Initiatives to reduce greenhouse gas emissions had already been launched, but lacked a holistic approach through which all savings ambitions could be recorded, evaluated, and compared with each other. The requirements of the Climate Protection Act and comparable EU targets affect the entire German and European energy industry. By 2030, emissions in Germany should be reduced by 65% compared to 1990, and complete carbon neutrality is to be achieved by 2045.

So, GASAG will provide a leading example that the rest of the energy sector could follow in order to pursue the specified climate targets. Sustainability and climate protection are playing an increasingly important role in society and politics, which is a movement that GASAG supports. At the same time, the stated aim is to further strengthen GASAG's competitiveness and future viability. By implementing the roadmap, GASAG is setting course to meet both challenges.

**Client:** GASAG Group

**Industry:** Energy & Utilities

**Region:** Germany

### **Client challenge:**

German legislation stipulates carbon neutrality for energy suppliers in the long term. The GASAG Group is already taking on this challenge and preparing for the transformation into a green energy supplier.

### **Solution:**

GASAG took the first step towards carbon neutrality with the assessment of current emissions as well as the validation of existing measures and development of new, concrete measures to avoid, reduce or compensate all emissions and be CO<sub>2</sub>-neutral by 2045.

### **Benefits:**

- Raised awareness among the business units and their stakeholders on the issue of climate transformation
- Backing carbon neutrality targets with a realistic implementation path and focus on green business models
- Clarified image for sustainability ambitions among competitors, as well as customers and employees



Sustainability is our compass. We are aware that many of our current business models are limited, but great entrepreneurial opportunities will arise on the path to climate neutrality. With our expertise and our passion, we can make relevant contributions to a successful energy transition. Capgemini Invent has accompanied us on this journey to a successful CO<sub>2</sub> Savings Roadmap.”

**GEORG FRIEDRICHS,**  
Chairman of the Board, GASAG AG

## Development and implementation of the CO<sub>2</sub> savings roadmap secures GASAG's future

By combining GASAG's future vision and industry knowledge with Capgemini Invent's [extensive experience](#) in sustainability consulting within the energy and utilities industry and beyond, the organizations were able to develop a CO<sub>2</sub> savings roadmap that highlights and prioritizes concrete measures to reduce emissions. A part of the solution is also a tool that shows the effect of the measures on the company's carbon footprint. The roadmap was drawn up and adapted in close consultation with all GASAG business units and clearly indicated the measures that should be implemented, as well as when and how, in order to achieve carbon neutrality by 2045.

## The CO<sub>2</sub> Savings Roadmap paves the way to carbon neutrality by 2045

In close cooperation with Capgemini Invent, GASAG was able to achieve the following results:

- A cross-unit company strategy for emissions assessment and reduction
- Measures with a total reduction potential of approximately 2.5 million tons of CO<sub>2</sub>
- A tool for reporting emissions and potential savings, which can be used for future planning and tracking measures
- Raised awareness among the business units and their stakeholders on the issue of climate transformation

- Backing carbon neutrality targets with a realistic implementation path and focus on green business models
- Clarified image for sustainability ambitions among competitors, as well as customers and employees

## Implementation and monitoring success following the development of the CO<sub>2</sub> Savings Roadmap

With the help of Capgemini Invent, GASAG has created transparency for its company-wide CO<sub>2</sub> emissions and is able to identify measures to reduce them effectively. The project defines effective and cost-efficient measures to achieve carbon neutrality by 2045. By implementing these measures, GASAG takes on a role as a model energy supplier regarding environmental protection and the fight against global warming.



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