

## What Can You Achieve With CARE+?

The CARE+ approach and material has been tested with several chemical SMEs. See below what they think about CARE+.

*«The CARE+ energy efficiency guidance tools provided us with a powerful methodology combined with the right information in order to obtain a further real improvement of our operations' energy performance and, therefore, a great opportunity to reduce our energy bill. »*

Luca Mussi, Manager Environment, Safety, Health & Quality, Evonik Goldschmidt Italia

*«Thanks to the CARE+ Energy Efficiency Self Audit, we found energy savings in our administrative building which will reduce heat consumption by around 27%. This will help us to improve the profitability and energy efficiency of our business. »*

Rafal Muskus, Member of the Board Silikony Polskie S.A.

## What Is CARE+ About?

CARE+ helps small and medium sized enterprises in the chemical industry to improve energy efficiency.

CARE+ aims at:

- Developing, testing and offering an energy efficiency scheme for SMEs in the European chemical industry
- Disseminating most recent information about energy efficient technologies and energy management systems to SMEs
- Offering Training and Auditing to determine energy efficiency reserves and the cost-effectiveness of such measures
- Improving the chemical sector's energy efficiency performance

CARE+ relies on a strong network of partners from Belgium, Bulgaria, Italy and Poland and is managed by Cefic, the European chemical industry association. Together we provide hands-on experience and solutions in chemical issues and energy efficiency. The project is funded and supported by the European Commission under the framework of "Intelligent Energy Europe"

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# CARE+

## Supporting Chemical SMEs to Improve Energy Efficiency

CARE+: IEE/07/827 Training Chemical SMEs in Responsible Use of Energy

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Intelligent Energy  Europe

 **CARE+**  
Energy Efficiency & Responsible Care

 **cefic**

## Save Energy, Improve Your Profit

Chemical SMEs can have energy costs of up to 25% of their total production costs. With a strategic focus on energy efficiency, energy cost can be reduced by 10% to 20%.

Take as an example a chemical company with an annual sales volume of €25 million, an energy bill of €4 million, and a net profit of €2 million. A 10 % reduction in energy costs will improve the bottom line results and the profit margin by 20%.

### Bottom line improvement with energy efficiency

		Your Starting point	Improvement with a 10% energy saving	Business Impact
Annual Sales	€mln	25	25	
Energy Costs	€mln	4	3.6	10% lower
Gross Profit	€mln	5.2	5.6	8% higher
Net Profit	€mln	2	2.4	20% higher
Profit Margin	%	8.0	9.6	20% higher

**CARE+ helps chemical SMEs to analyse their energy consumption, chose the right measures to save energy and to increase their profit!**

## CARE+ Offers You The Right Tools For Energy Efficiency Improvements

CARE+ has developed two main instruments to help you saving on your energy bill:

- the Self Audit Guide
- the Best Practices

They guide you through a step-by-step approach to determine energy savings and pay-back times.

### Energy Efficiency Self Audit Guide

Do you want to know more about your energy consumption and saving potential? Then the Self Audit Guide is for you.

The Self Audit Guide is the tool that leads you through the analysis of your company's energy performance and helps you to determine your strong and weak points. In combination with the Best Practices, the Self Audit Guide will help to determine the measures which could be implemented, what would be the expected energy savings, cost and return on investment. Excel tables to help you analyse your energy performance are available for download.

### Energy Efficiency Best Practices

Do you want to know more about what is current best practice in the main energy consuming areas in chemical SMEs? Then the Best Practices are for you.

The Best Practices focus on the areas with most energy saving opportunities for chemical SMEs, such as energy management programmes, steam generation performance or motors and drivers. They indicate you an energy efficiency benchmark for the different areas and show you typical improvement possibilities, differentiating by low or no cost measures and issues where you would need to invest.

