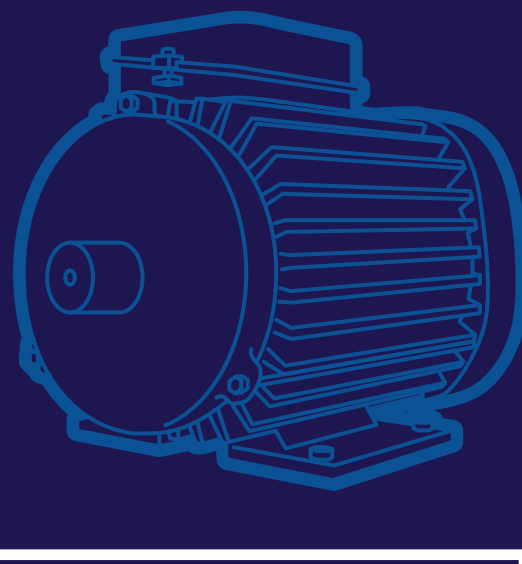


# Successful implementation of the ErP Directive

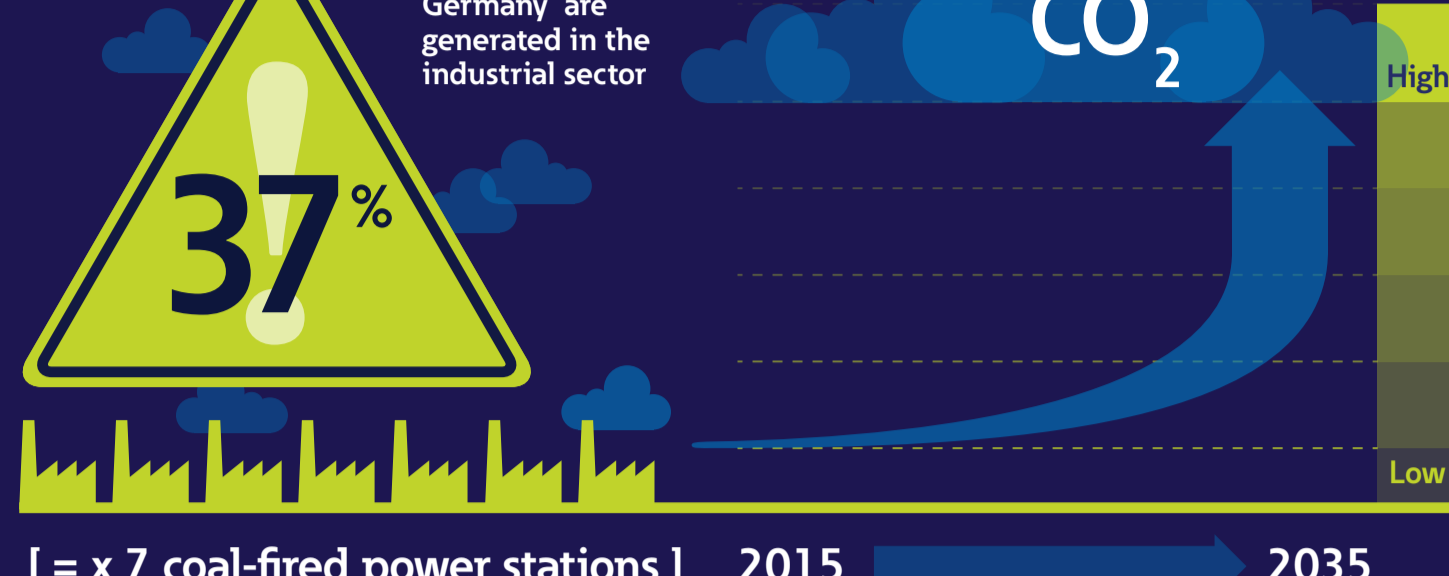
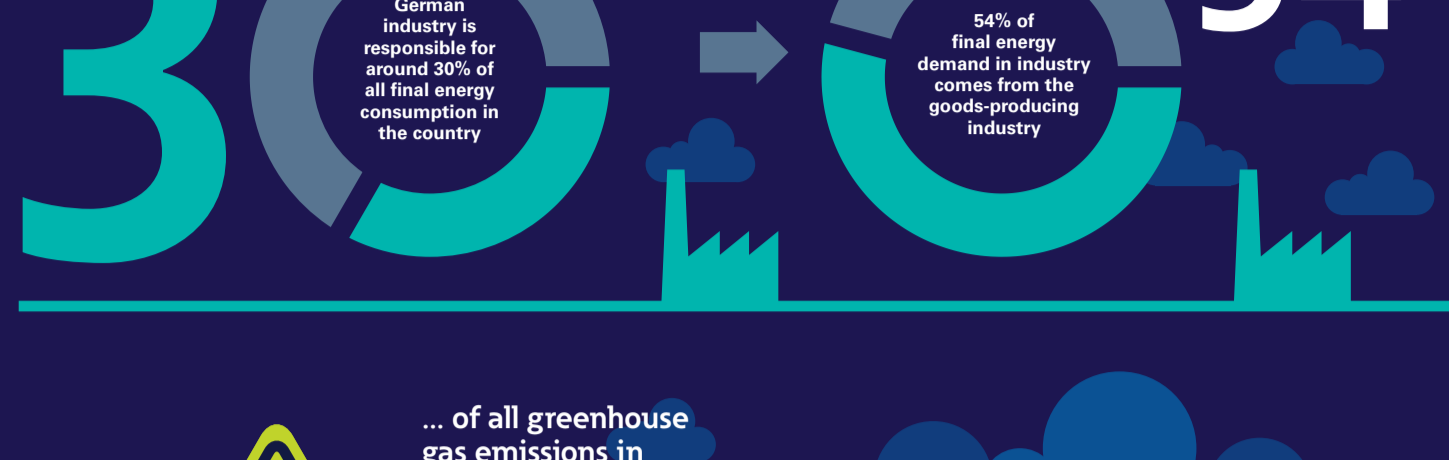


Energy efficiency is a hot topic. In recent years, politics and business have made every endeavor to save energy in production systems and reduce CO<sub>2</sub> emissions in the industrial sector. But there is still great energy-saving potential, particularly in electrical drive engineering. This potential can be most effectively exploited in the intelligent use of automation technology combined with motor starters or variable frequency drives.

The key factor here is select the right solution for each application.

\* All information illustrated on this infographic can be found in the Eaton white paper: Successful implementation of the ErP Directive—Reducing losses with speed control

Germany has made every endeavor to save energy in production systems and reduce CO<sub>2</sub> emissions in industry



This represents a big opportunity for ALL businesses within manufacturing industries

## Electrical motors: Industrial application & energy consumption

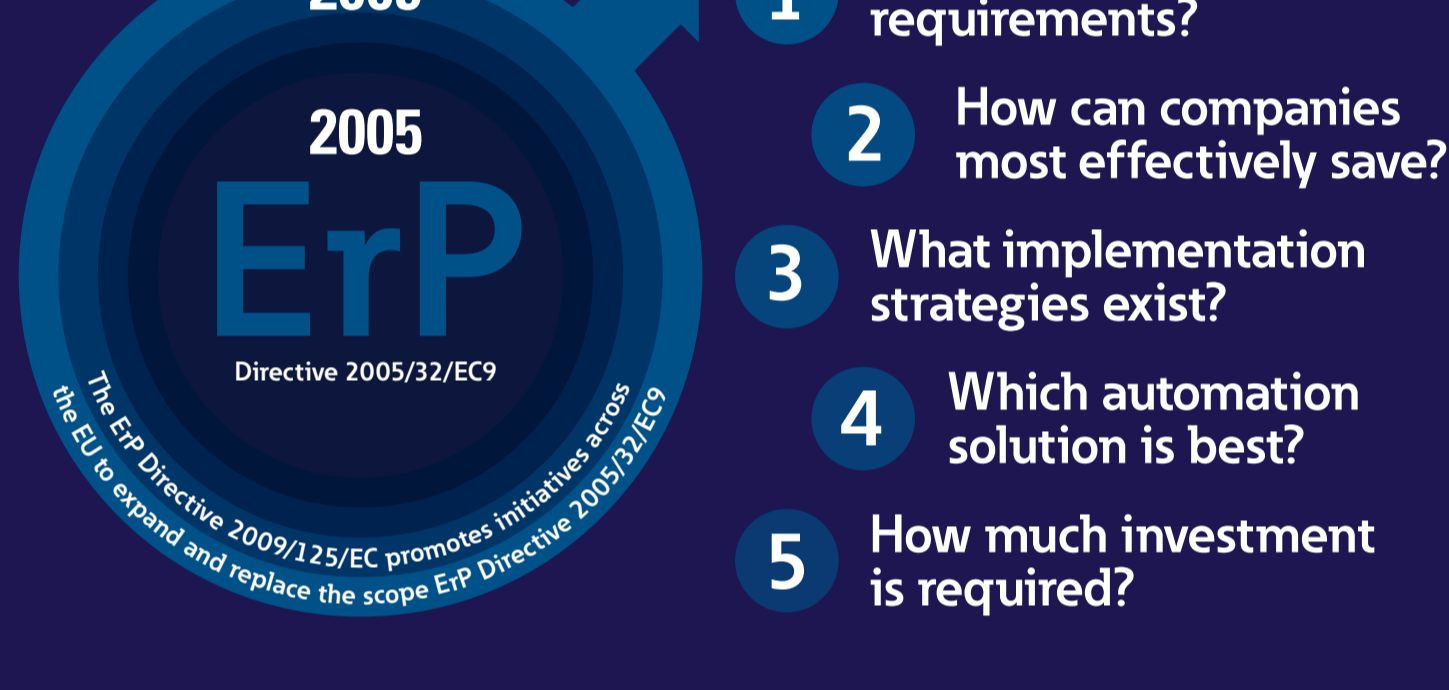


Within industrial manufacturing, electrical drives account for two-thirds of electrical energy consumption

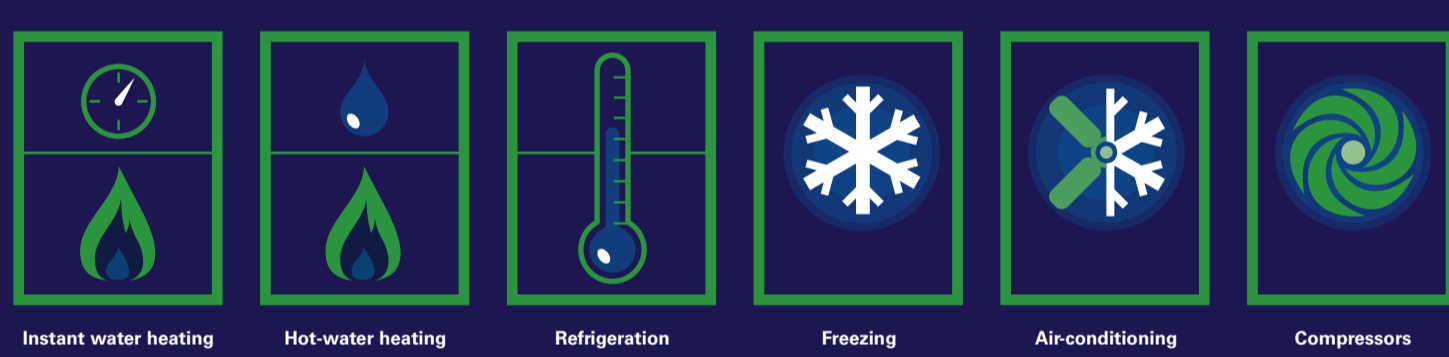
## Motor costs during motor lifetime



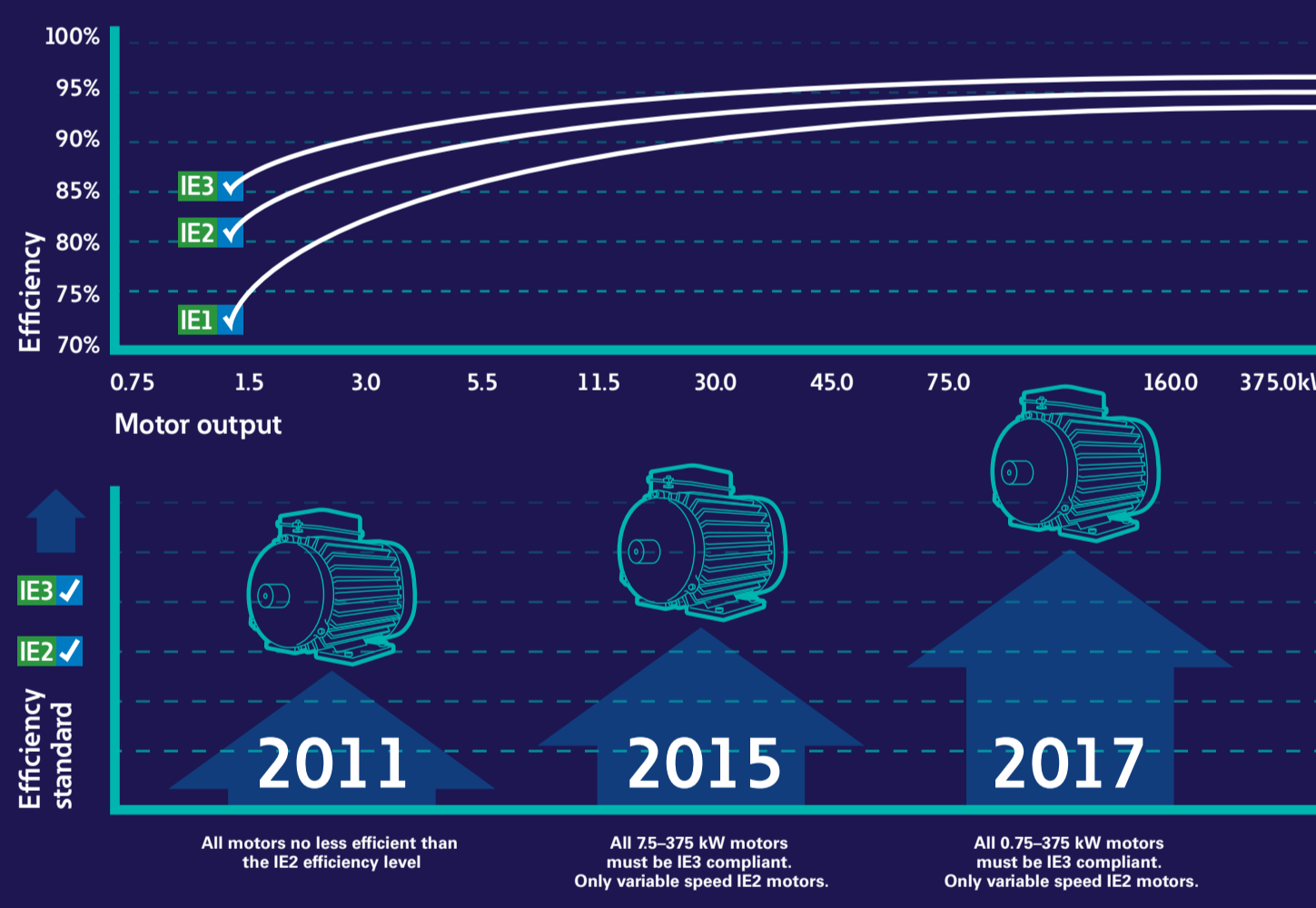
## ErP Directive expansion initiative



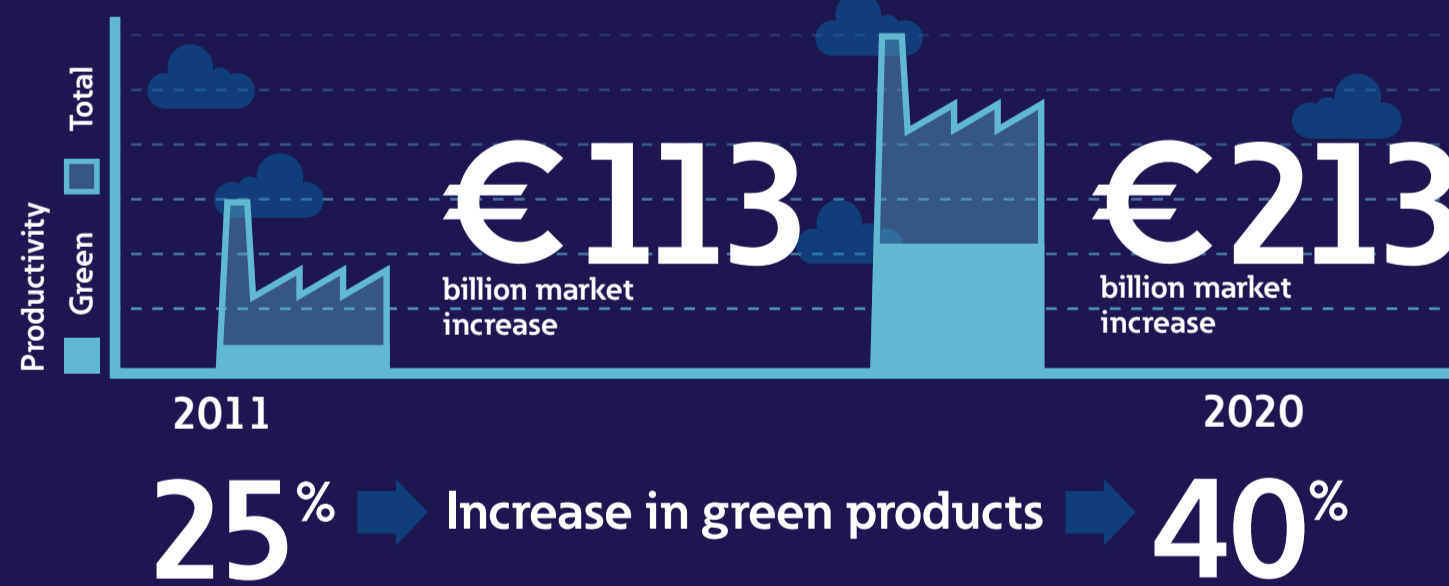
## The ErP Directive 2009/125/EC covers



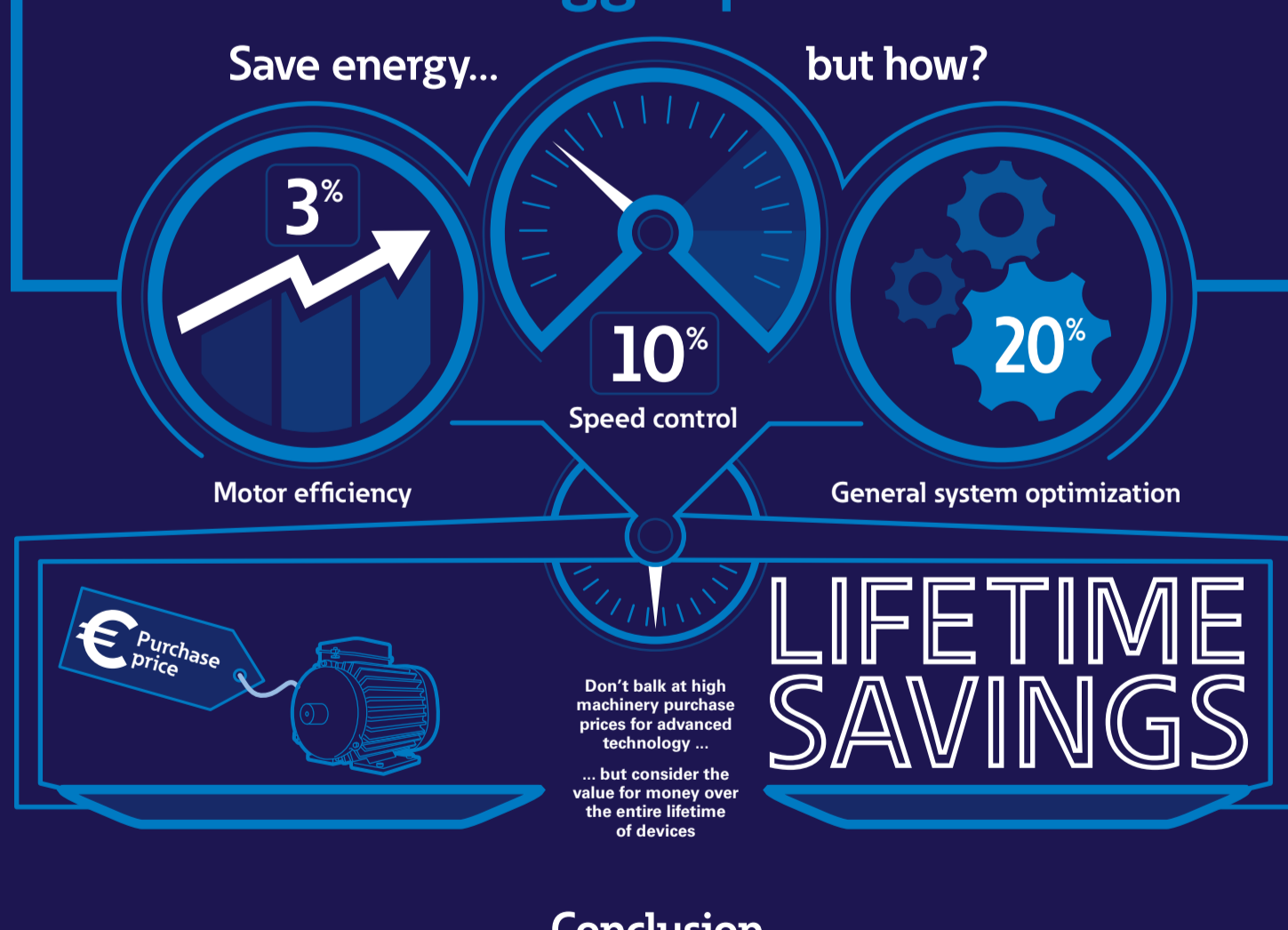
## Motor efficiency → Motor output



## Ever-increasing automation technology requirements



## The bigger picture



## Conclusion

**THE RIGHT CHOICE OF DRIVE ENGINEERING IS CRUCIAL FOR SUCCESS FROM THE COMPONENT THROUGH TO THE SYSTEM SHORT-TERM INVESTMENT MEANS LONG-TERM SAVINGS**



Embrace energy efficiency today. Open a world of opportunity tomorrow.

Successful implementation of the ErP Directive—Reducing losses with speed control