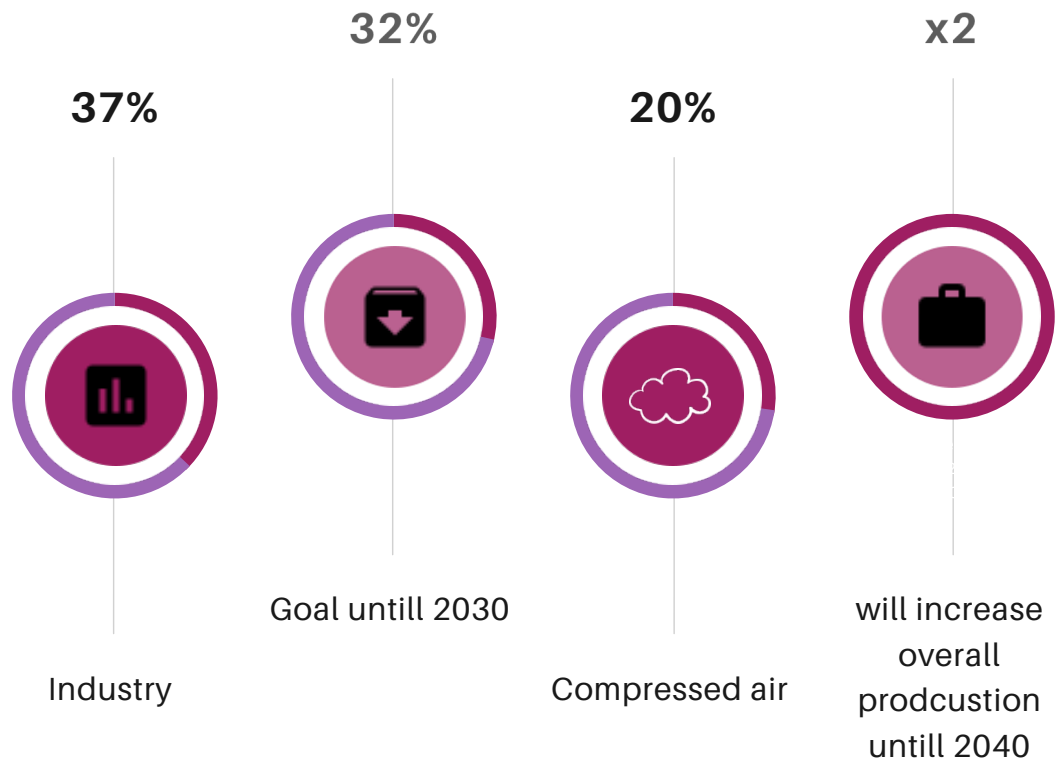


# **WHY EFFICIENCY OF COMPRESSED AIR SYSTEMS?**

**WHY IS IT IMPORTANT?**

# ENERGY POLICIES AND GOALS

Energy Forum Framework 2030



## NEW GREEN DEAL

Industrial decarbonization until 2050

NEUTRALITY

**1.013**  
**TWH**

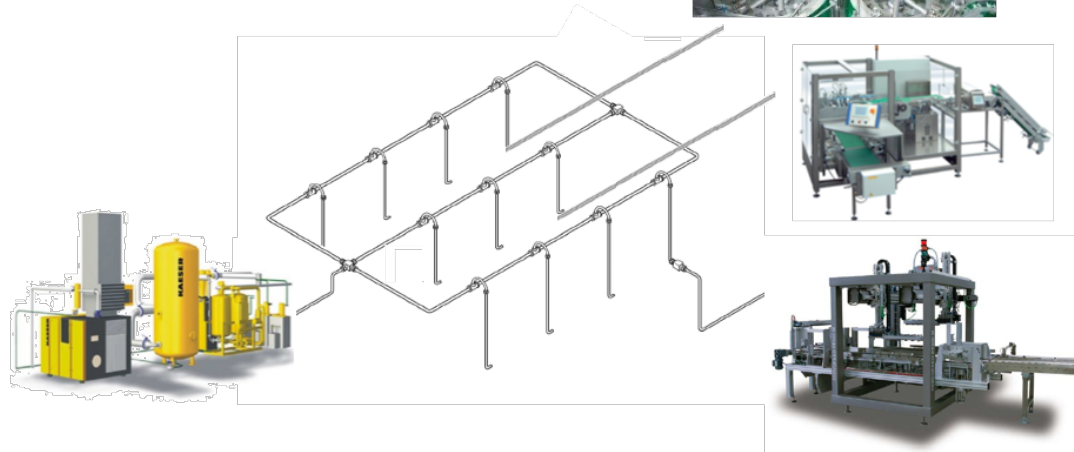
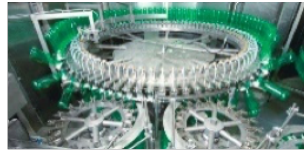
Industrial energy consumption

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**20%**

Consumes compressed air systems

Distribution



Compressor

Production machines

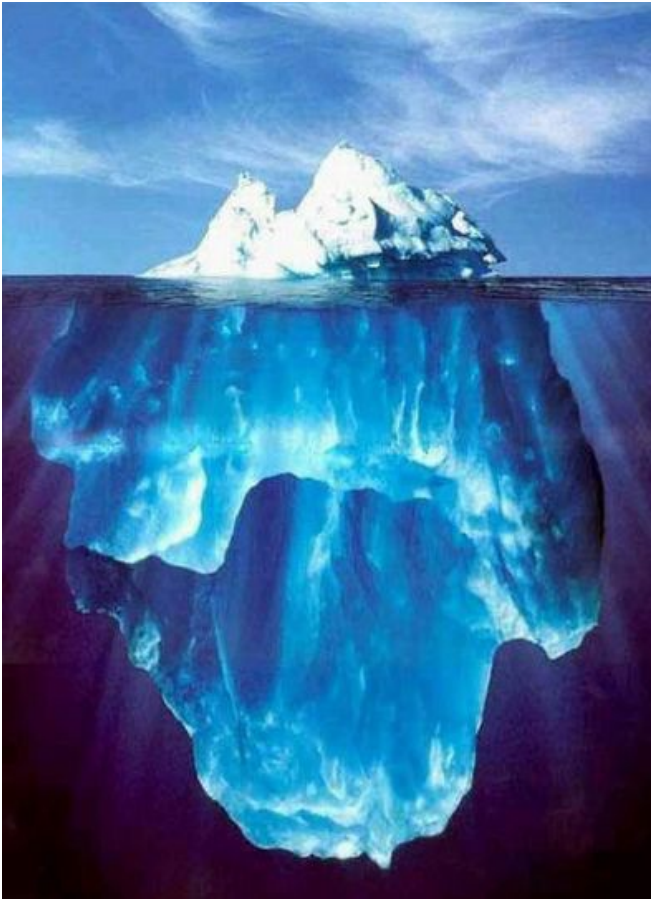
40%

Savings due to Audits and  
Maintenance

70%

Savings due to efficient design





# 40%

Savings due to Audits and  
Maintenance

# 70%

Savings due to efficient design



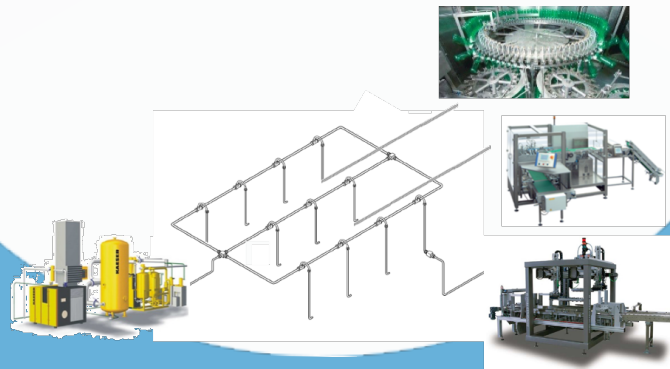
**Component  
suppliers**



*How to **motivate** to reduce energy  
consumption of CAS?*

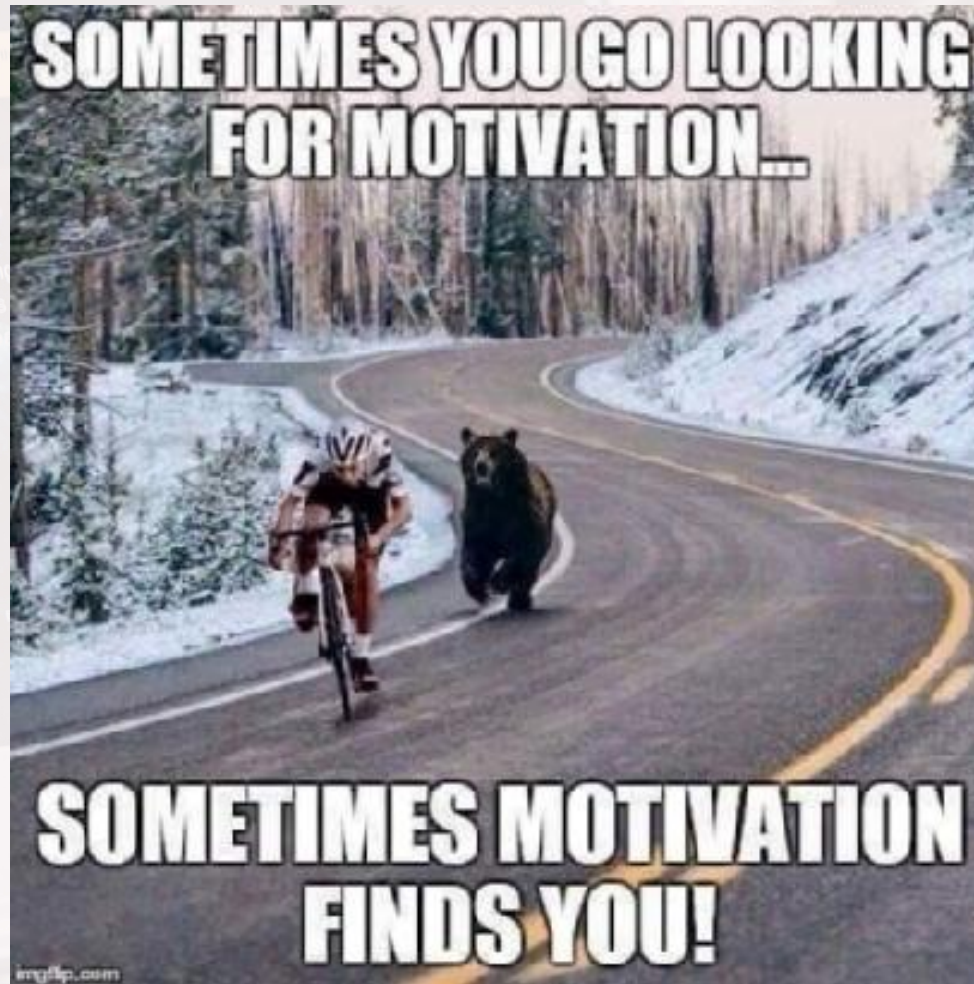


**Machine  
builders**



**End Users**

## Standards, Guideline, Frameworks



**Component  
suppliers**

**Standards,  
Guideline,  
Frameworks**

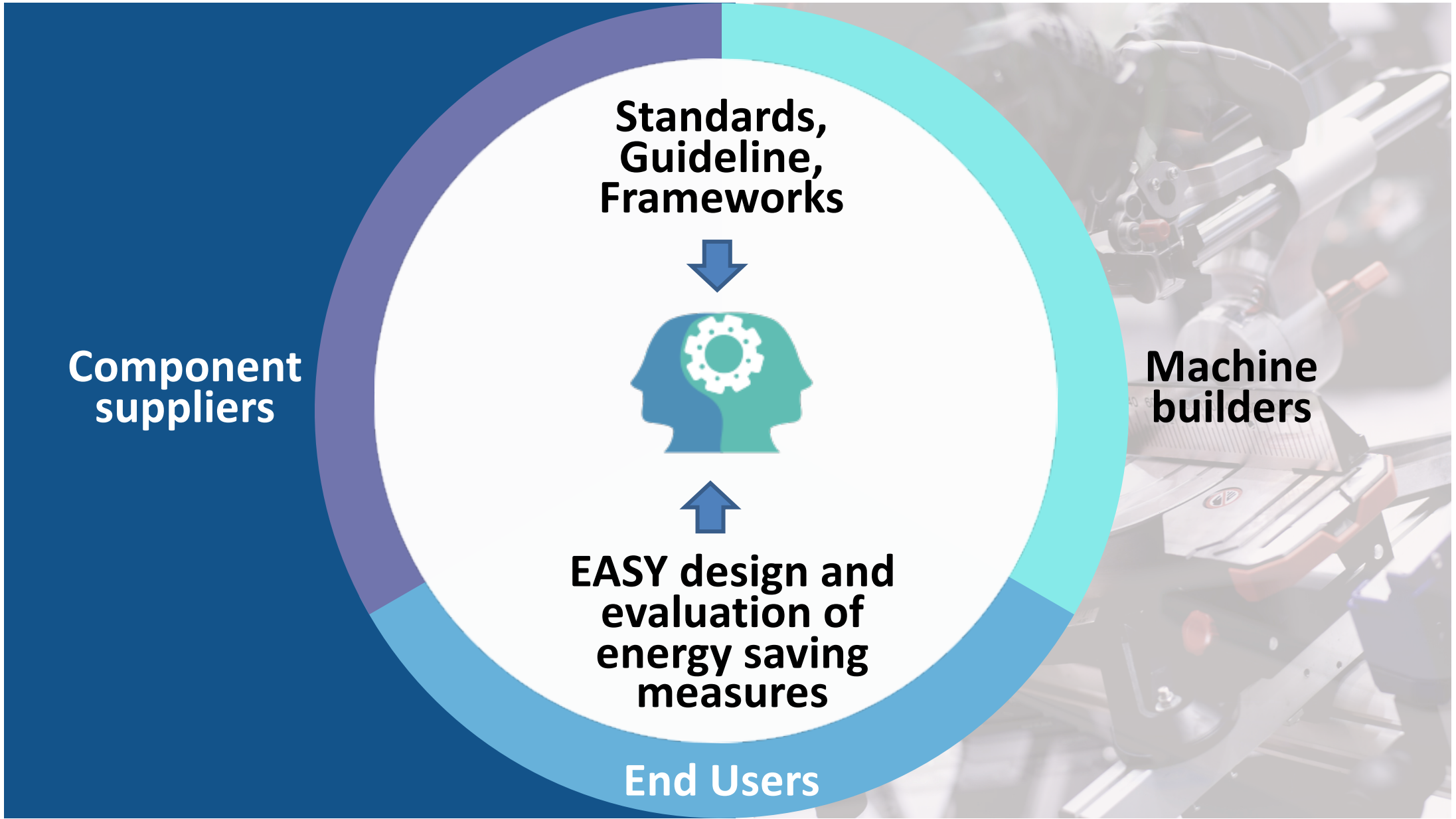


**EASY design and  
evaluation of  
energy saving  
measures**



**End Users**

**Machine  
builders**





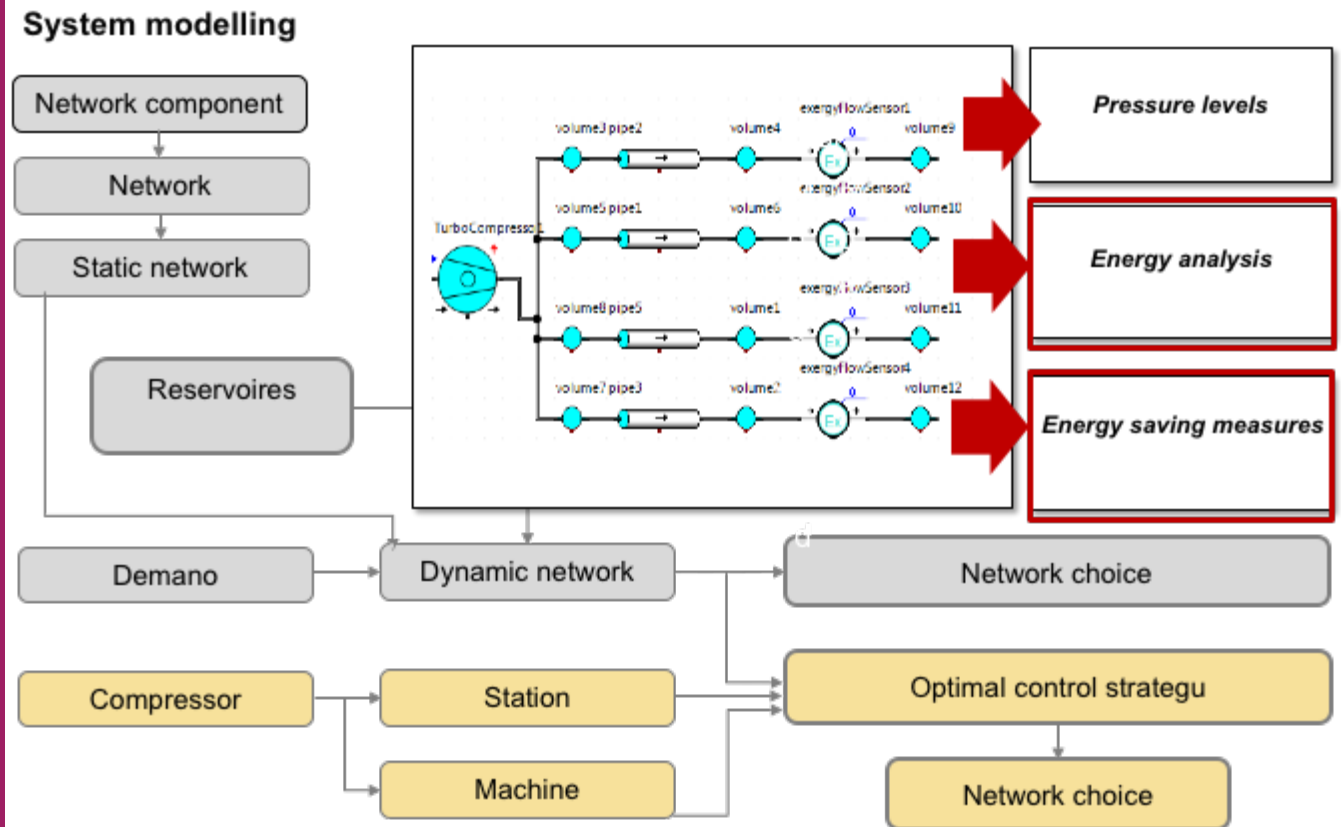


**Reduction of energy  
cost**

**End Users**

Up to 30% of energy saving potential due to the design of distribution network

Software for condition monitoring to avoid pressure loss and high energy consumption



Calcualtion of pressure drops using the ISO Stnadard 6348-3 provides a comprehensive information for system optimization.





*wideo*

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Promoting new  
efficient  
solutions with  
lower price

Component  
suppliers

*Solutions*

Energy efficiency  
*EASY*



Machine  
builders

Easy  
application of  
efficient  
solutions

End Users

# Energy efficiency is easy

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