

Together we care for your business and our planet...



GREENFIELD turns your demands into sustainable solutions



Combining forces to help save our Planet

- **Climate change:** most serious environmental threat facing our planet
- **The Kyoto Protocol today and Copenhagen Agreements** in the future set standards around the world: stringent targets to reduce carbon dioxide emissions
- **To reduce CO2 emissions, saving energy is crucial**
 - Commercial & legislative pressures drive industries to demand energy efficiency
 - Atlas Copco and GREENFIELD consider this as an opportunity
 - Continuous search for less energy consumption, less noise, less vibrations, less waste is part of the DNA of Atlas Copco and GREENFIELD



Sustainable solutions

from cradle to grave, we...

...reduce the CO2 footprint at every stage of a compressor's lifetime

1. Design (sources, materials, recyclability) of the product
2. Manufacturing process, low energy (re)use to reduce the CO2 emissions
3. Distribution of our products (logistics, labelling, transport)
4. **99% of the CO2 emissions in a compressor's lifetime are from the operation (use)**



5. Excellent design & high reliability for long lifetime and high recyclability for environmentally correct disposal

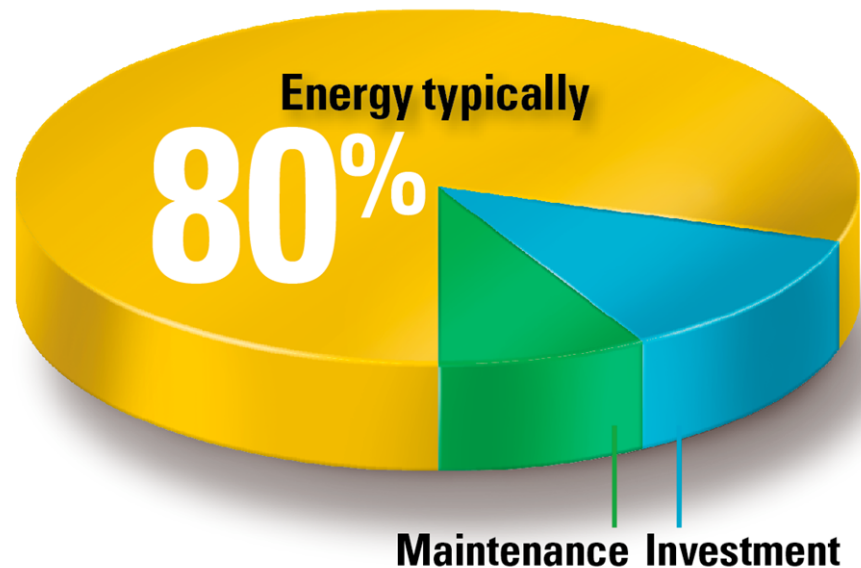


Energy consumption dominates the total cost of ownership

- Energy: most important factor in total cost of ownership representing over 80% of a compressor's lifecycle cost
- Energy savings in compression systems will impact the preservation of the environment and also the bottom line for our customers



Total cost of ownership for industrial applications



What does GREENFIELD do to save energy and the environment?

- **Reduced power consumption:** compressor design capable of utilising existing suction pressure levels
- **High efficiency compressors:** low compression ratios in the individual stages of our compressors result in low thermal loads and therefore high volumetric efficiency and reduced power consumption
- **Distance monitoring:** less travelling due to smart equipment monitoring software
- **Longer service intervals:** less travelling due to longer service intervals which is achieved through low compression ratios in the individual stages of our compressors resulting in low wear, low thermal loads and therefore less maintenance



What does GREENFIELD do to save energy and the environment?

- **Oil-free compression:** revolutionary high-pressure technology which assures that oil neither contaminates the gas nor does oil disposal contaminate the environment. No costs for lubricating oil or its disposal
- **Pressure-tight crankcase designs:** no gas emissions (e.g. GHG) to atmosphere. Reduced power consumption
- **Compact equipment:** low space requirements, small foundations, less costs. Savings in size and weight reduce fuel consumption for transport
- **Reduced noise emissions:** equipment housings, canopies, containers with sound attenuation measures for reduced environmental noise impact



Atlas Copco and GREENFIELD earning ISO 14001 certification

- Environmental commitment is part of normal business practices
- Keeps the energy costs low for customers
- Reduces our footprint on the environment
- Awarded with the **ISO14001** certification...



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**We are committed to your
superior productivity through
interaction and innovation.**



GREENFIELD

First in Mind - First in Choice®