Energy Efficiency

Energy Efficiency - Advantage for Business, Industry and Environment

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Energy Efficiency

Status: Permanent increasing energy costs

Fact: Energy short cuts
Gaps of 25 to 40 Mio KWh between public electric supply and industrial demand in Asia
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Driver: Ongoing economical and population growth

Population 1980 to 2030: Nearly doubled

Energy consumption 1980 to 2030: more then doubled (150 %)
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Evidence: Creation and usage of energy is the mayor contributor to critical environmental impacts.
Conclusion: Energy efficiency measurements

- Safe capital and staying competitive
- Safeguard production performance
- Protection from future price developments and taxes
- Safeguard natural habitats and resources for existing and future generations
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Important tool: Environmental Management Systems (EMS)

No production took place on Sunday!

Global Technology Center Scheinfeld

Environmental Statement 2007
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Important area: Facilities and Structures

Integrated efficiency approach for planning, construction, extension or renovation of sites
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Important area: Best available technologies and innovations
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Important area: Upgrade and improvement of existing production sites

- High cost saving potential
- Short return on investment cases

Measure: Replacement of pipe and reservoir isolation
Savings: 4,545 to steam/year
Cost savings: 86,140 €/year
Investment: 35,000 €

Return on investment: 3 months
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Thank you for your kind attention