



Our hospital has a total of 755 beds and places. 1,150 employees look after the well-being of our patients. Whether this involves a hospital stay, an operation, a birth, rehabilitation, home care, advice and support for old or demented individuals or the care of those who are chronically ill, at St. Josef's Hospital GmbH Moers you will receive medical care, nursing care and advice from a single source. The best possible treatment and therapy is guaranteed by the medical experts working in our specialist wards, centres and outpatient departments.

In 2010 St. Josef's Hospital in Moers has received the award of ECOPROFIT business from the District of Wesel for the following services:

Environmental history of St. Josef's Hospital in Moers

Measure	Year
• Procurement of a heat pump air conditioning system for the swimming baths and air conditioning systems with heat recovery	1966
• Installation of 300 thermostat valves, adjustment of the heating hydraulics, modernisation of the circulation pumps	1988
• Replacement of the water-cooled chillers by chillers cooled with cooling media	1988
• Use of digital x-rays: no use of developers, fixative solutions, films	1999
• Installation of an air conditioning system with adiabatic heat recovery and operating time optimisation	2001
• Replacement of all heating pumps with speed-controlled pumps	2001 until today
• Use of energy-saving lamps; installation of electronic control gear in the fluorescent lamps	2001 until today

Environmental Improvements of St. Josef's Hospital in Moers

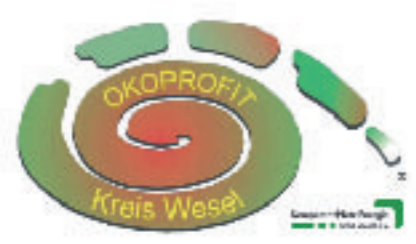
Measure	Investment	Annual Savings	Deadline
Reduction in the supply pressure from 8 to initially 5 bar. Check concerning modernisation of the compressed air plant.	0 €	€ 1,100, savings of 8,500 kWh of electrical energy and 5.5 t of CO2	completed
Changeover of the multi-storey car park lighting from fluorescent lamps to LED lamps (test section)	500 €	€ 1,160, savings of 8,900 kWh of electrical energy and 5.6 t of CO2	completed
Installation of an efficient lift control system with the use of transponder call technology; use of frequency inverter drives	250.00 €	€ 107,000, savings of 823,000 kWh of electrical energy and 528 t of CO2 and the operation of a lift	completed
Provision of in-depth information to employees concerning how to ventilate rooms when the outdoor temperatures are low	0 €	€ 5,600, savings of 140,000 kWh of heat energy and 39 t of CO2	completed
Acquisition of the ADFC certificate "Bicycle-Friendly Company"; participation in the AOK initiative "Going to work by bike"	18.000 €	€ 1,276, savings per cyclist for a distance of 5 km and 0.4 t of CO2. Participation: 120 cyclists. Currently not quantifiable.	completed
Reduction in warm water losses by enlarging the surge water tank of the physiotherapy pool	10.000 €	€ 1,500, savings of 37,500 kWh of heat energy and 10 t of CO2	completed
Recognition of wastewater allowances		€ 3,000, savings on wastewater charges	2010
Demand-based adaptation of the district heating power provided, initially by 1,000 kW	0 €	€ 22,000, savings through a reduction in district heating power by 1,000 kW	2010

Annual Savings

- Waste: -
- Water: -
- Energy: 1.017,900 kWh
- Climate protection: 588,1 CO2



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Auszeichnung



St. Josef Krankenhaus GmbH Moers

erhält für den Standort Asbergerstr. 4, 47441 Moers
die Auszeichnung

ÖKOPROFIT-Betrieb Kreis Wesel 2010

Moers, den 14. Juli 2010

Ansgar Müller
Dr. Ansgar Müller
Landrat des Kreises Wesel

Ein Projekt des Kreises Wesel
Es werden durch das Ministerium für Klimaschutz, Umwelt, Energie, Mobilität und Verkehr des NRW
in Kooperation mit dem Kompetenzzentrum Energie, den Städten Rheinberg und Hamminkien, W-K,
der Handwerkskammer und der Effizienzagentur NRW

Environmental Certificates

- adfc • ADFC Bicycle-friendly Company
- ECOPROFIT District of Wesel 2010

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