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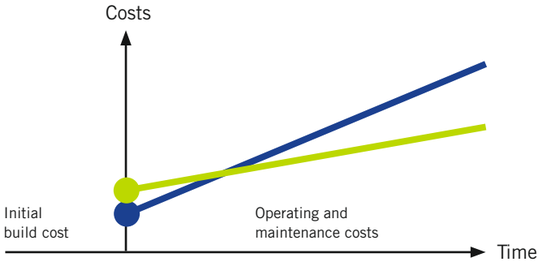
Think Green

For sustainable development.

European Investment Bank,
Luxembourg
Ingenhoven Architects

With regard to energy efficiency, this is very much a model project. Certified as BREEAM Excellent, it features automatic doors and glass solutions from DORMA.



"Sustainable real estate offers significant advantages in the form of low operating and maintenance costs. The reasonable additional costs involved in planning and construction are usually amortized within just a few years." (Source: DGNB)

4 out of 5 investors see energy efficient building projects as the way forward.*

DORMA is actively involved in "green" projects.

Sustainability in the property market carries with it significant challenges. Climate change and increasing energy costs are driving the demand for economically and ecologically viable buildings. The majority of project developers and investors see energy efficiency as one of the most important criteria in this regard*. Because studies prove that sustainable buildings are able to attract significantly higher rents for a given level of construction cost*. And in this domain too, DORMA has proven to be a responsible partner in the national and international construction project business. From system advice to sustainable product quality, we offer a comprehensive, integrated portfolio designed to be conducive to a "greener" future.

* Source: DEGI Research 2009.

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Sustainable development means effectively conserving primary resources.

This is why saving energy is one of DORMA's house rules.

Nowadays, ecological responsibility is a must when it comes to dealing with primary resources. And it's an imperative that DORMA has long recognised. Energy saving directives for employees, E-Fit campaign days and effective waste separation and categorisation are integral to our everyday activities. Now we are planning to connect a production site to a biogas plant. In product development, we prioritise not only quality and functional reliability but also reducing power consumption. And in production, administration and logistics, we are constantly looking to improve our internal energy balance. As an example of our success, our CO_2 emissions caused by truck transportation have already been reduced by 36 % thanks to a new haulage and delivery concept.

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Some of the more important building certifications available worldwide:

LEED, USA, since 2000
Leadership in Energy and Environmental Design

HQE, France, since 2004
Association pour la Haute Qualité Environnementale

DGNB, Germany, since 2008
Deutsches Gütesiegel Nachhaltiges Bauen

BREEAM, UK, since 1990
The Building Research Establishment Environmental Assessment Method

CASBEE, Japan, since 2001
Comprehensive Assessment System for Built Environment Efficiency

Sustainability is the primary criterion for worldwide certification.


Photo: The Kubala Washatko Architects/Mark Heffron


Photo: The Kubala Washatko Architects/Mark Heffron


Photo: The Kubala Washatko Architects

Aldo Leopold Legacy Centre, USA
The Kubala Washatko Architects

This project has garnered numerous awards for its ecological and economic solutions: LEED top marks, 6 star rating with 61 out of 66 points. And door control products from DORMA have been extensively installed throughout.

DORMA supports sustainable building concepts.

The importance of sustainability is also indicated by the extent to which organisations around the world – such as the World Green Building Council – encourage the construction of "green" buildings. As a member of various organisations and an active partner in research projects being run by, for example, the Fraunhofer-Institut (FutureLab) and the University of Lucerne (iHomeLab), DORMA is involved in future-aligned development work in both the commercial and residential construction sectors. International certification systems such as the LEED (Leadership in Energy and Environmental Design) and BREEAM (Building Research Establishment Environmental Assessment Method) render sustainability in buildings transparent and measurable. They help clients to evaluate the ecological and economic characteristics of their build.

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Glass façade (far left)
Glass façades as an ecologically valuable microclimate "envelope" can be realised with spider and single-point fixing.

KT revolving door
DORMA revolving doors ensure effective separation between the internal and external climates. Energy losses are kept to a minimum, cutting the cost of both heating and cooling.

MOVEO Glass partition system
The flexible MOVEO Glass partition system brings daylight flooding into interiors. This not only helps to save energy but also creates a pleasant working atmosphere.

Important criteria for the future: daylight and energy efficiency.

DORMA products – for sustainable living space.

Open designs incorporating products from DORMA, such as our RODAN spider and single-point fixing for glass façades, enable daylight to be utilised and energy saved for maximum efficiency. Door closers and automatic door systems which, by reliably closing the barrier, reduce heat losses, make an additional important contribution to saving energy. Our ecological responsibility is also expressed in the fact that, for example, DORMA products offer the high quality and longevity necessary in any sustainable system. In its Architectural Hardware division, DORMA USA goes a step further. Here, ecological responsibility extends over the entire lifecycle of the product, including its recycling – in keeping with the tenets of the "Product End of Useful Life Recycle Programme".
For more information, go to www.dorma-usa.com

Think Green

INFRAX West, Belgium
Crepain Binst Architecture

Winner of the 2020challenge award, an offshoot of the Kyoto Protocol, as the most innovative building in 2009.
Equipped with DORMA automatic door systems and glass solutions.

DORMA

Green building means creating the reference of tomorrow.

DORMA – at home in green buildings.

All around the world, there are numerous examples demonstrating just how sustainable the construction and the operation of buildings can be. One impressive case in point is the new building of the Belgian energy utility INFRAX, truly a model for a new generation of energy-efficient office complexes. Thanks to the clever interplay of all the systems involved, it offers reductions of up to 35% in energy consumption compared to conventional office buildings, while CO2 emissions are reduced by 36%. Among the contributors to this positive overall balance are automatic doors and glass fittings and accessories from DORMA, of which the reliable function and long service life are very much in keeping with the concept of sustainability.

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