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BAC's Industry present a European Certification System Leading European Certification Bodies and Test Laboratories involved

Different EU-Directives and National Regulations regarding energy saving and energy performance of buildings require proof of energy efficiency.

These requirements and rising energy costs are encouraging owners and occupiers of buildings to reduce their energy consumption. The cost for energy will be a critical factor in property rental in the future.

Building Automation Controls (BAC's) are strongly involved. BAC's technology cover products and systems for Building engineering. BAC Systems monitor, optimise, interlock and control heating systems, air conditioning systems, cooling systems, lighting systems, blinds, fire and security systems, elevators etc..

BAC technology is a pre-condition for energy efficiency and safety in buildings, particularly for apartment blocks, offices, education buildings, hospitals, hotels etc. to significantly and permanently reduce energy consumption and also carbon dioxide emissions.

Experience in installation and managing building automation systems shows a typical energy saving of up to 20%.

In response to the legal requirements, eu.bac – the European Building Automation and Controls Association - set up the European Certification Scheme for Building Automation.

On the occasion of the fair Light + Building, eu.bac and leading European Certification Bodies (ASTA BEAB (UK), CSTB (F), WSPCert (D)) present on a press launch the eu.bac Certification Scheme.

Ernst Malcherek, President of eu.bac, described Tasks and Objectives of eu.bac in the European market for Building Automation. Malcherek explained the eu.bac Certification Mark assures users the conformity of products and systems defined in European Directives and European Standards. The registered eu.bac Cert Mark is a symbol that expresses Energy Efficiency. eu.bac Cert Mark is the European Quality Label for products and systems in the area Building Automation and Controls.

Winfried Brandt, Managing Director of eu.bac, presented the eu.bac certification scheme and pointed out details how the eu.bac Certification Mark Scheme works. The Mark is granted for a 5-year period. The Certification Procedure requires periodic tests and factory inspection by third parties.

To achieve this, eu.bac co operate with the leading European Certification Bodies ASTA BEAB Certification Services (UK), Centre Scientifique et Technique du Batiment - CSTB (F) and WSPCert (D). The eu.bac empowered Certification Bodies operates in accordance with EN 45011 and they are accredited by the International Accreditation Forum (IAF).

eu.bac authorised Test Laboratories are BSRIA (UK), C.S.T.B Lab (France) and WSPlab (Germany)

Kevin Sweeney, representative of ASTA BEAB, expressed the importance and the uniqueness of the European Partnership in the range of Certification.

On the example of the French regulations, Jean Christophe Visier, CSTB, demonstrate the importance for the product certification on Building Efficiency. France is the first EU-Member which requires eu.bac certified products in the range of building engineering.

The eu.bac certification program covers 10 various categories and starts with testing and certification of Individual zone control equipment (single room controls) at the begin of the second half year of 2006.

Members of eu.bac are: BELIMO Automation AG (CH), Danfoss A/S (DK), Delta Dore (F), Hager (F), Honeywell Europe (CH), Invensys (GB), Kieback & Peter (D), Fr. Sauter AG (CH), Siemens Building Technologies Ltd. (CH), TAC (S), Trend Control Systems Ltd. (GB).

The total turnover of BACs in the European Market amounted to 3.3 Billion Euro in the year 2005. New construction accounted for 45 %, and 55 % comprises the retrofit/refurbish market.

Further information: www.eubac.org or www.eubaccert.eu



f.l.t.r.: Dr. Harald Bitter (WSPCert), Kevin Sweeney (ASTA BEAB), Hossein Vaezi-Nejad (C.S.T.B), Ernst Malcherek, (President eu.bac), Winfried Brandt, (Managing Director eu.bac)

(This picture is stored for download: www.eubac.org/press)

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