European High Quality and Low Energy Architecture

EULEB

EULEB aimed to help people learn from positive examples which already exist in the building sector. Project participants examined 25 high profile public buildings in the United Kingdom, France, Germany, Italy and Spain, and informed the market on the high quality low energy features they possessed, including design, consumption levels and energy data.

Results

- Multilingual CD containing information on 25 public buildings from all over Europe, including data on energy consumption, construction, costs and comfort. Available in five languages. Download now from the web-site.
- The full content of the CD is available on-line for widespread access.
- Around 150 000 copies were widely distributed via trade and specialist magazines.
- A need for a combination of theoretical information and practical experiences was identified. The available information meets these needs.
- A series of lectures took place, targeting architects, engineers, investors, property developers and other key actors from the building market, introducing them to the best practice examples identified.

Lesson learned

- Many building market actors are unaware of, or insecure about, the advantages of low energy architecture
- Providing measured data from existing buildings is expected to illuminate an area in which a lack of information or negative examples have led to prejudices against promising innovations and strategies

Partners and coordinator

| University of Dortmund, Department for environmental architecture [1] | Germany |
| Université de La Rochelle [2] | France |
| ABITA SOC. COOP [3] | Italy |
| Federation of European Heating and Air-conditioning Associations [4] | Netherlands |
| Universitat Politència de Catalunya [5] | Spain |
| London Metropolitan University [6] | United Kingdom |
Contact
University of Dortmund, Department for environmental architecture
Germany

Contact point
Name: Helmut F.O. Muller
E-mail: helmut.Mueller@Uni-Dortmund.de
Tel: 0049 0 231/755-4690

Budget
Overall budget: 1.562.112,00 € (EU contribution: 50,00 %)

Key documents
  PDF 2.05 MB

In brief
Sector: Buildings
Duration: 01/01/2005 to 31/12/2006
Contract number: EISAV/EIE/04/172/2004
Website: http://www.euleb.info

Tags:
  building
good practice

Related projects
- [EPLABEL] [8] A programme to deliver energy certificates for display in public buildings...
- [AVASH] [9] Advanced Ventilation Approaches for Social Housing
- [ENPER EXIST] [10] Applying the EPBD to improve the ENergy PErformance Requirements to...
- [ASIEPI] [11] Assessment and improvement of the EPBD Impact (for new buildings and...
- [BESTFACADE] [12] Best Practice for Double Skin Facades
- [BUILDING ADVENT] [13] Building Advanced Ventilation Technological examples to demonstrate...
- [CEPH] [14] Certified European Passive House Designer
- [CHECK IT OUT!] [15] Check and improve the energy performance of schools and disseminate
best...

- [DATAMINE] [16] Collecting data from energy certification to monitor performance...
- [COMMONCENSE] [17] Comfort monitoring for CEN Standard EN15251 linked to EPBD
- [CYBER DISPLAY] [18] Communicate Your Buildings Energy Rating
- [CA EPBD II] [19] Concerted Action supporting transposition and implementation of Directive...
- [CONSTRUCTION21] [20] CONSTRUCTION21- A EUROPEAN GREEN BUILDING EXCHANGE
- [CERTuS] [21] Cost Efficient Options and Financing Mechanisms for nearly Zero Energy...
- [AFTER] [22] Cost Optimum and Standard Solutions for Maintenance and Management of the...
- [ROSH] [23] Development and marketing of integrated concepts for energy efficient and...
- [EEBD] [24] Development of an interactive vocational Web training tool for the take-...
- [VENT DISCOURSE] [25] Development of Distance Learning Vocational Training Material for the...
- [EDUCA RUE] [26] Energy Efficiency Paths in Educational Buildings
- [COOLREGION] [27] Energy efficient Cooling in regions of North and Central Europe
- [ECOLISH] [28] Energy Exploitation and Performance Contracting for Low Income and Social...
- [EI-EDUCATION] [29] Energy Intelligent Education for Retrofitting of Social Houses
- [EPI-CREM] [31] Energy Performance Integration in Corporate Public Real Estate Management
- [EPI-SOHO] [32] Energy Performance Integration in Social Housing, a strategic approach for...
- [ENSIC BUILDING] [33] Energy Saving through promotion of Life Cycle analysis in Building
- [INTELLIGENT METERING] [34] Energy Savings from Intelligent Metering and Behavioural Change
- [ESAM] [35] Energy Strategic Asset Management in Social Housing Operators in Europe
- [E-TOOL] [36] Energy-toolset for improving the energy performance of existing buildings
- [EDUCATE] [37] Environmental Design in University Curricula and Architectural Training in...
- [EPBD CA III] [38] EPBD Concerted Action III (2011-2015)
- [EPEE] [39] European fuel Poverty and Energy Efficiency
- [ENFORCE] [40] European Network for the Energy Performance Certification of Buildings
- [E-SEAP] [41] European Sustainable Energy Award for Prisons
- [AUDITAC] [42] Field benchmarking and Market development for Audit methods in Air...
- [GREENBUILDING] [43] GREENBUILDING
- [HARMONAC] [44] Harmonizing air-conditioning inspection and audit procedures in the...
- [IMPLEMENT] [45] IMPLEMENT - The EPBD in Action
- [IMPACT] [46] Improving energy Performance Assessments and Certification schemes by Tests
- [ISEES] [47] Improving the Social Dialogue for Energy Efficient Social Housing
- [ILETE] [48] Initiative for Low Energy Training in Europe
- [INOFIN] [49] Innovative Financing of Social Housing Refurbishment in Enlarged Europe
- [CENSE] [50] Leading the CEN standards on energy performance of buildings to practice....
- [GREENBUILDINGPLUS] [51] Leveraging the GreenBuilding Programme (GBP) to promote energy-efficiency...
- [LCC-DATA] [52] Life-Cycle-Cost in the Planning Process. Constructing Energy Efficient...
- [ENERGY TROPHY+] [53] Magnify success: Extension of the European Energy Trophy competition to 18...
- [PASSIVE-ON] [54] Marketable Passive Homes for Winter and Summer Comfort
- [IDES-EDU] [55] Master and Post Graduate education and training in multidisciplinary teams...
- Nearly Zero-Energy Building Strategy 2020
- NIRSEPES New Integrated Renovation Strategy to improve Energy Performance of Social...
- NZB2021 NZB2021 ‘Doors Open Days’ – sharing experiences from low energy buildings...
- FACTOR 4 Programme of actions Factor 4 in existing social housing in Europe
- COOL ROOFS Promotion of cool roofs in the EU
- PEP Promotion of European Passive Houses
- NEZER Promotion of smart and integrated NZEB renovation measures in the European...
- NORTHPASS Promotion of the Passive House Concept to the North European Building...
- RE-CQ Re-Commissioning – Raising Energy Performance in Existing Non-Residential...
- REPUBLIC_ZEB Refurbishment of the Public building stock towards nZEB
- REQUEST2ACTION Removing barriers to low carbon retrofit by improving access to data and...
- RESHAPE Retrofitting Social Housing and Active Preparation for EPBD
- SAVE@WORK4HOMES SAVE@Work4Homes - Supporting European Housing Tenants in Optimising...
- STABLE Securing The Take-off of Building Energy Certification: Improving Market...
- KEEPCOOL Service Buildings Keep Cool: Promotion of "sustainable cooling"...
- SMART-E BUILDINGS Smart-e buildings - yes we canEnable the building sector to contribute to...
- SHARE Social Housing Action to Reduce Energy Consumption
- STEP-2-SPORT STEP-by-STEP renovation towards nearly zero energy SPORT buildings
- SAVE AGE Strengthening Energy Efficiency Awareness Among Residential Homes for...
- SENTRO Sustainable Energy systems in New buildings- market iNTRoDuction of...
- SURE-FIT Sustainable Roof Extension Retrofit for High-Rise Social Housing in Europe
- TACKOBST Tackling Obstacles in Social Housing
- THERMCO Thermal comfort in buildings with low-energy cooling
- E-RETROFIT-KIT Tool-Kit for "Passive House Retrofit"
- BUILDING EQ Tools and methods for linking EPDB and continuous commissioning
- TOWARDS CLASS A Towards Class A - Municipal Buildings as Shining Examples
- TREES Training for Renovated Energy Efficient Social housing
- REE TROFIT Training on Renewable Energy solutions and energy Efficiency in...
- KEEP COOL II Transforming the market from "cooling" to "sustainable"
- TABULA Typology Approach for Building Stock Energy Assessment
- USE EFFICIENCY Universities and Students for Energy Efficiency


Links