



# European **GreenBuilding** Award

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Austrian Energy Agency

# GreenBuilding Award

## National Awards

## EU GreenBuilding Award

- Nominees are winners of the national awards
- Chosen by an expert jury



# GreenBuilding Expert Jury c1



## **Roger Hitchin**

- UK, BRE
- HVAC



## **Kevin O'Rourke**

- IR, Sustainable Energy Ireland
- Energy Demand Management



## **Umberto Albarosa**

- RO, Cefin Holding
- Real Estate



## **Kirsten Engelund Thomsen**

- DK, Danish Building Research Institute
- Energy and Environment



## **Malgorzata Popiolek**

- PL, NAPE
- Energy Efficiency in buildings



## Folie 3

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c1









Foto einfügen!

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# Criteria for **GreenBuilding** Award winners

## Quantitative criteria (maximum 100 points)

-  **Total primary energy saving (up to 30 points)**
-  **Building envelope and facade**
  - Reduction of energy needs (up to 20 points)
  - Average U-value of roof, opaque building surface, windows and basement (up to 5 points)
-  **Quality of data**
  - Precision of calculation of floor areas (up to 3 points)
  - Completion of voluntary data (up to 2 points)
-  **Renewable energy systems (up to 10 points)**
-  **Number of applied measures (up to 5 points)**
-  **Energy management measures (up to 10 points)**
-  **Heating plant (up to 5 points)**
-  **Sustainable summer comfort**
  - Comfort model (2 points)
  - Strategies to reduce solar heat gains of the building (up to 5 points)
  - Strategies to achieve sustainable summer comfort (up to 3 points)



# Criteria for **GreenBuilding** Award winners

## Qualitative criteria - Innovation

### **Building envelope**

- Integration of renewable energy technologies
- Use of shading devices
- Use of materials and components

### **Building services**

- Use of renewable energy sources for heating (and cooling if necessary)
- Use of high energy efficient equipment for heating (and cooling if necessary)
- Reduction of cooling demand and providing sustainable summer comfort
- Energy monitoring and building control services
- Lighting concept





### **Others**

- Concept for the involvement of users
- Integrated planning process
- Integration in the general energy and environmental policy of the company
- Integration of the concept into the surroundings and background
- Use of already existing structures and resources



# Criteria for **GreenBuilding** Award winners







## Qualitative criteria – Replication potential

-  **Project is practicable at other locations**
-  **Project is used in a general way**
-  **Project is realised under common financial and legal conditions (no research project, subsidies, etc.)**
-  **Project realised independent and without financial benefit from the know-how of the owner (research institution, architect, energy consultant, etc.) or the owners access to special technologies (producer of materials, energy technologies, etc.)**



# Criteria for **GreenBuilding** Award winners





## Qualitative criteria – Comprehensive measures

-  **Measures for improvement of the building envelope**
-  **Measures for improvement of the building services (heating, cooling, ventilation, lighting, etc.)**
-  **Measures for the integration of renewable energy sources**
-  **Measures to involve the users**
-  **Correct order of measures**
-  **Plausibility of the energy concept**



# Criteria for **GreenBuilding** Award winners

## Qualitative criteria – Impact of the project

-  **Dissemination activities, information to other building owners, employees, etc.**
-  **Presentation of the concept at conferences or events**
-  **Exchange of gained experience**
-  **Use of gained experience for further activities**





And the  
winners are...

