

**ADDITIONAL PRESS INFORMATION
FIRST STONE CEREMONY FOR THE EIB'S NEW BUILDING**

**The environment as the core concept of the EIB's new building:
Rewarded by BREEAM certification**

A building integrated into its environment

The VVVI shape with a rounded roof, bordered by terraces on several levels, will allow the new building to merge harmoniously with the topography of the Kirchberg hill. The glass structure will make the most of natural light, while the winter gardens and atria (cold or warm foyers depending on whether they face north or south) will provide ventilation and natural thermal insulation. The use of natural elements is designed to bring about a significant reduction in energy consumption and environmental emissions. Lastly, the materials employed will be exclusively "durable", e.g. the construction wood, which will be certified in accordance with "Forest Stewardship Council" standards. All materials will comply with fair trade criteria.

BREEAM stamp of approval

The EIB opted to have the environmental qualities of its new building assessed using the BREEAM method (considered by the OECD to be the most comprehensive system in Europe so far). This certification is particularly well regarded because it is both exhaustive and highly specific, comprising over one hundred criteria, e.g. water and energy consumption; impact on health and welfare of occupants; pollution caused by transport; environmental implications of the use of materials. Following the assessment, the project received the certification with the rating "Very Good".

A range of other technologies designed to reduce energy consumption will be applied to the building:

- The high thermal insulation double-glazed façades will contain windows that provide natural ventilation, thus reducing energy demand for ventilation and cooling purposes.
- Wood façades: the use of wood rather than aluminium frames to construct the office windows (11 000 m²) will serve to greatly reduce the amount of primary energy needed to build the façades.
- Thermal buffers: the design of the high thermal insulation atria, heated in the winter by solar energy, will create a microclimate which acts as a thermal buffer, thus reducing energy consumption for heating.
- Activation of the structure's thermal inertia: owing to the circulation of chilled water through the pipes integrated into the concrete floors, the floor and ceiling temperature will be around 19°C in the early morning. During the day, the floors and ceilings will naturally absorb the heat generated in the offices, thus reducing cooling requirements.

**ADDITIONAL PRESS INFORMATION
FIRST STONE CEREMONY FOR THE EIB'S NEW BUILDING**

A MULTINATIONAL PROJECT

The new building project has brought together participants of various nationalities:

On the design side:

The Düsseldorf firm of architects *Ingenhoven und Partner Architekten* and, for the structural engineering, the Frankfurt-based company *Werner Sobek Ingenieure*.

The technical studies were split between the German engineering firm *pbe-Beljuli* (Pulheim) for the electrical installations and *IC Consult* (Frankfurt) for ventilation and heating.

The Luxembourg consultancy *S&E Consult* will be responsible for monitoring site progress. Project management services will be provided by the limited-life partnership formed by the companies *Jacobs France* (Paris) and *Paul Wurth* (Luxembourg).

On the construction side:

Following an international call for tenders, the general contracting works, which have just begun, were awarded to the Franco-Belgian limited-life partnership formed by the firms *Vinci Grands Projets* and *CFE*. Delivery of the building, whose total cost is estimated at EUR 135 million, is scheduled for 2007.

