

Energetic optimization as sustainability strategy

Task

Since spring of 2011 and since the energy turn instituted by the Federal Government planning, realization and support of real estate have to be realigned. Thus Ulf Merbold determined April 12th 2011:

„The earth is like a spaceship
for six billion people
but one nobody can get out of“



We have realigned our business segment "Renovation and modernization of real estate while maintaining the operation" both of the planning task and also of the management responsibility.

Thereby we pursue the following objective targets:

- energetic renovation with and without certification
- consideration of current fire protection requirements
- if necessary consideration of monument protection
- consideration of staff needs generated by the working process or the travel to work
- optimization of the building operation
- consideration of strong weather events
- minimization of operational disruption during the construction phase

Solution

The building owners management has to develop guidelines for sustainability in building operation period at new construction and renovation projects beside the classic objectives in the quality sector.

It can be treated by way of example:

- ✓ energy generation in the environments
- ✓ energy savings
- ✓ energy efficiency
- ✓ communication between decentralized energy production and consumption
- ✓ active consumption control
- ✓ conservation of resources
- ✓ pollution-free resources
- ✓ reuse potentials
- ✓ certification

The timely fixing of a sustainability strategy certainly leads to a cost reduction and an increase of the building's value conservation.



Mexican pavillion, EXPO 2000 Hannover

Since the monitoring of planning, construction, operation, deconstruction and reuse of the Mexican pavilion at the EXPO2000 in Hannover a more than 10 years experience is available at our company.

Are you interested

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