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Anja Beecken Architects:

Sustainability by stability and quality, 07.07.2011 at 15.00 pm in Lima, Peru

Anja Beecken, von Anja Beecken Architekten Gesellschaft von Architekten und Energieberatern mbH hält im Rahmen des Internationalen Congresses vom 05. Bis 07.07.2011 in Lima, Peru einen Vortrag über Ihre Erfahrungen im Einsatz regenerativer Energien in Deutschland und berichtet von Ihren Erfahrungen bzgl. Der Arbeit mit Studenten an praktischen Beispielen, in Form eines Hochschulprojektes.

Introduction

Sustainability in the architectural field and the using of regenerative energies are the big new questions in the teaching of architecture. In Germany there are coming into experience many new professorships (chairs), where new engineering technologies can be developed.

However, in the first steps in the real work we see how important the quality of designing solution is. How long can a building exist? Are the quality and stability of the building high enough for it to last long? Will it be “high tech” enough to last long, to be sustainable?

In Germany I'm known for my progressive architecture in connection with new regenerative energy-technologies.

I always tell students to think of new connections between components used in reconstructing an old building and new designs.

Sustainability and quality of the materials and details have to be taught in the beginning of planning process. The handling of construction details has also to be learned.

So, in teaching architecture we need not only the theoretical part but also a practical part, where we can teach how to have the creative component without disturbing the process of professional operational sequences. I taught architecture in university for 5 years with practical methods, and during that time I taught students through designing and building their own university building in Cottbus, east-Germany, combining theory and practice. The quality of details could be discussed by the university with many professors and students by that time. Normaly, if we don't have the possibility of showing the reality in university, we have to copy the reality and bring our practical experience and creative thinking into the teaching.