Innovation
in housing and building sector

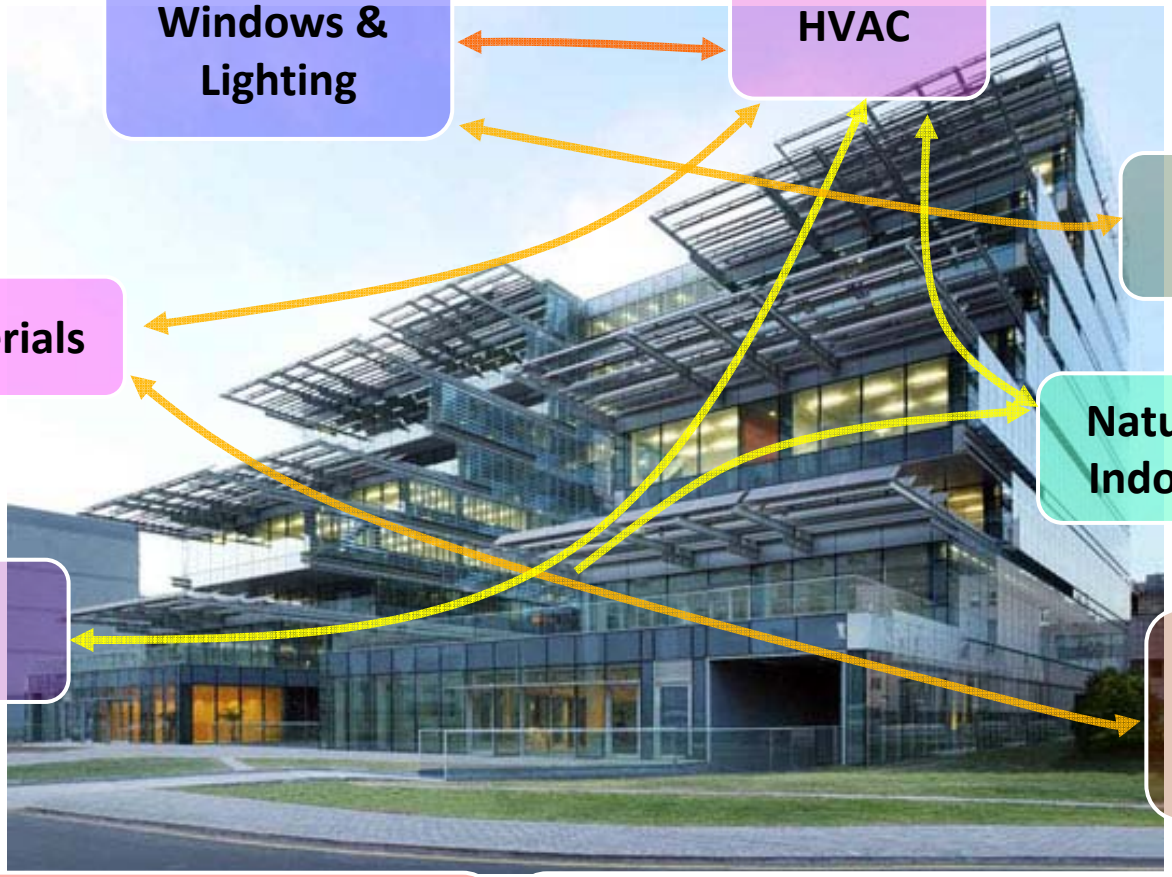
Professor Chu presented in Washington "the interfaces"to be exploited in the building sector between sub-systems to reduce energy consumption.

To show the interfaces professor Chu used the Sino Italian Pavilon in the Tsinghua University of Bejijng, a concrete example of a succesfull "*sectoral approach cooperation*"

"Prius of buildings: Exploiting the interfaces between sub-systems to reduce energy consumption"

Steven Chu

Major Economies Meeting – Washington, April 26 2009



Building Design Software
Tools to Design New Buildings With Embedded Energy Analysis

Building Operating Platform
Sensors, Communication, Controls, Real-Time Optimization

ENVIRONMENTAL EFFICIENT BUILDING IN TSINGHUA UNIVERSITY

The "Sino-Italian Pavilion" built in the Bejijng Tsinghua University, is an intelligent, ecological and energy efficient building, designed by Italian architects and supplied with the most advanced technologies in materials, energy efficiency, renewables, water uses.

The Pavilion is a model for a new generation of buildings and an example for the dissemination of sustainable practices in the Chinese building industry, which has a rushing development.

Sino-Italian Ecological and Energy-efficient Building (SIEEB)