

Self- sustained energy residential complex, Syria (Kudsia Suburb)



The aim of the Pilot Project is to show adapted energy efficiency in construction in Syria and to encourage people not only to adopt the same experiences but to further develop this trend.

Progress on site



From May 20 to June 24 in 2007



From September 10 2007 to January 31 2008



From February to August 21 in 2008

Causes of delay in Construction:

- **Miscommunication between the partners**
- **The holy month of Ramadan 2007**
- **Project financial issue had to be solved**
- **General raise in prices in Syria**
- **Change of initial contract between contractor and owner due to the additional pilot project works**
- **Strike of workers on site**

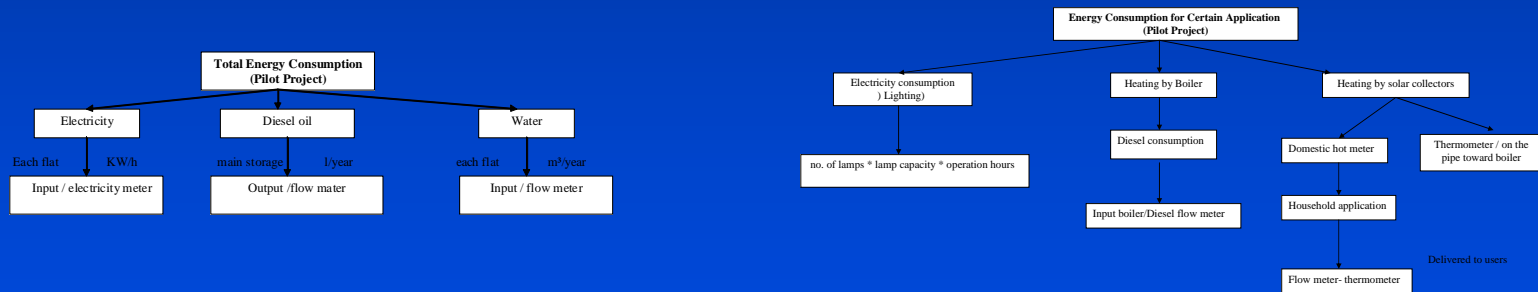
The next construction step to control carefully is Insulation and its possible errors:

- Gaps
- Cracks
- Hidden Cavities
- Deformation
- Insufficient Bonding
- Heat Bridges

The Monitoring Concept

is based on comparing the pilot project with an adjacent similar and conventional building.

Monitoring Scheme of Energy performance



Dissemination Activities so far



The construction timetable as prepared by the contractor LAMA at the beginning of July. The project is expected to finish by end of November 2008.



Sub-contracting Finishing Works

Unfortunately, no contracts have been concluded between the contractor and the owner; mainly due to the raise in prices

**Happiness is a road, not a
destination**