

Hassan

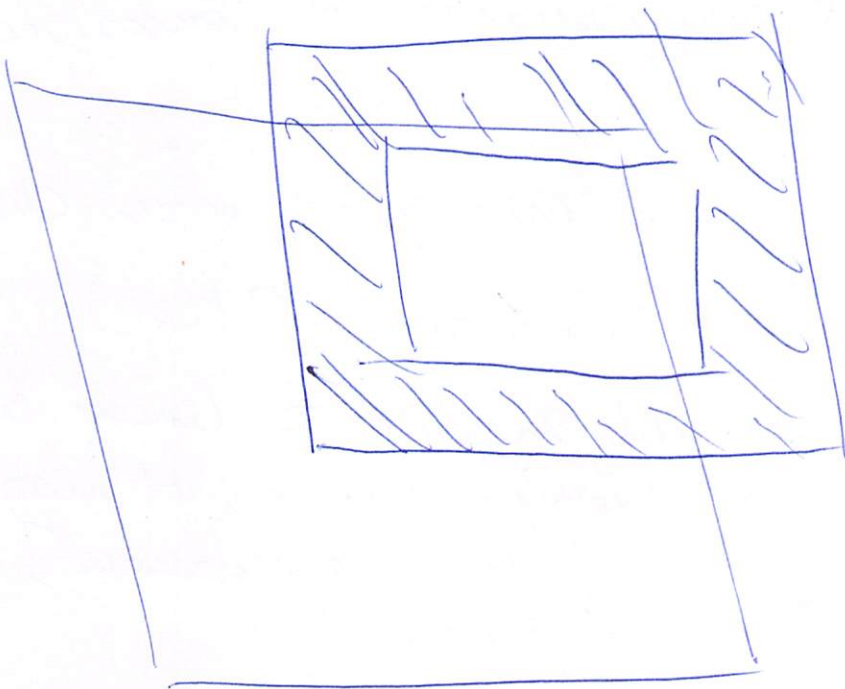
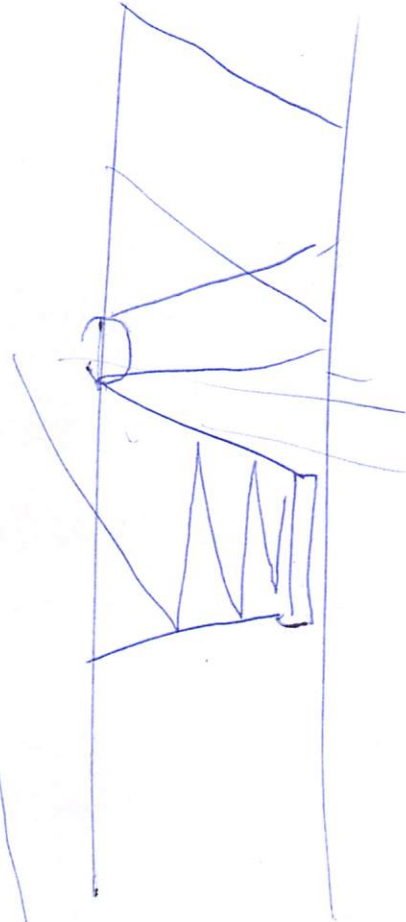
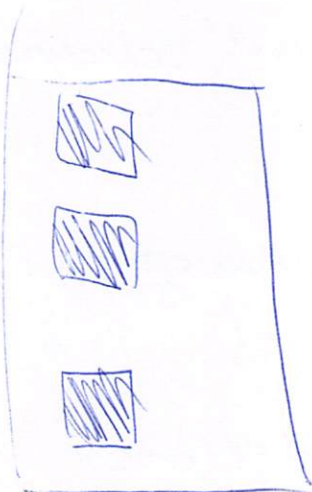
- BIPV

- Concentrating, design, manufacture

- How does it fit building market?

- new & retrofit buildings

- EE of product published.



- Smart City District heating / cooling.

Participants - Pedro Rivotti, Gill Menzies, Xiaohai Meng  
Hussain Baig  
Challenges  
Issues

Publications

Collaborations - KTP, EPSRC, Newton.

- Pedro - Control, process modelling, whole systems.
- Agent based modelling - occupant behaviour.
  - Uptake for new technologies.
  - Retrofit ASHP in existing buildings.  
carbon, energy, cost payback.
  - UK specific National Household Model  
(predicts energy demand of houses/occupants)

- Xiaohai - Variations in climatic zones across China.
- BRECAM/LEED/China system?? (2011)  
[Assessment Standard for Green Building]  
Housing + Construction Ministry of  
housing development]  
National Standard.
  - Construction Management (FM) - Energy M + BIM.  
Energy Efficiency + Passive Hous.  
" " Existing buildings.

Dr Xiaohai Meng is interested in the following task groups:

- Energy efficiency in domestic & industrial sectors
- Renewable energy, ...
- Big data analytics, internet of things, ...
- Energy market and policy ...
- Innovation and knowledge transfer ...

Dr Gillian Menzies

- Energy Efficiency in domestic & ind sectors.
- Affordable clean energy provision tech for poor pop.
- Energy market & energy policy in era of LC transition.

Dr Pedro Rivotti

- Energy efficiency in domestic / industrial sector
- Renewable energies (bioenergy)
- Big data analytics
- System of systems.

Dr. Hoson Bric

- \* Energy Efficiency in Buildings.
- \* Clean technology.
- \* Renewable Energy.