

### **ASSIGNMENT 3: Design Study and Final Report**

As we discussed at the last meeting, the design study is an opportunity to propose and develop an idea that breaks new ground in our thinking about sustainability. We are particularly interested in innovation and pushing the frontiers of our knowledge and expectations. It might be related to or arise from your case study or it might be something totally different. It could be about revisiting a project you or someone else has already developed, reconceiving it relative to the sustainable design dimensions - or it might be something new. It could be about a process or technology, a building element, a particular type of project, or about an area or place. It could be related to MIT, Cambridge, or be situated elsewhere.

So please think about this over the next week and come prepared to discuss some ideas. Please also be aware that this design study will need to be tailored to the time available in the second half of the semester. We will have about 5 weeks before we conclude the workshop.

Requirements:

Please prepare a 15 minute (maximum) presentation that is primarily about communicating your recent design study within the workshop but which also makes a key reference and quick summary to your earlier work on the case study research. In relating these 2 parts, we are interested to hear how your understanding, knowledge and critical opinions about sustainability have developed.

In discussing your design study you should:

1. outline the idea of your project and the sustainability and environmental impact
2. outline the research and context of the design.
3. describe your design proposal
4. outline your recommendation for future steps should or others have more time for development of the idea.

The final requirement of the workshop will be to condense your presentation into the form of an article in the same size and format as your previous case study. These should be posted on the workshops web site. This will form a part of our evaluation of your grade for the class.