



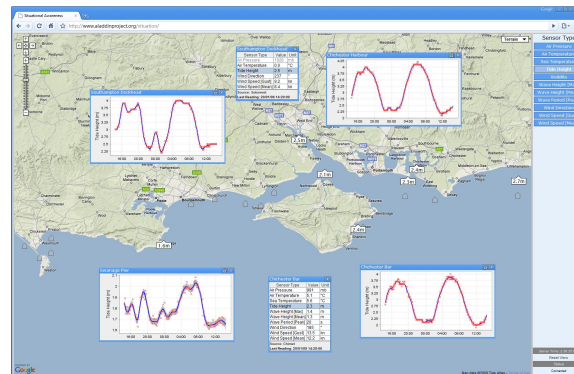
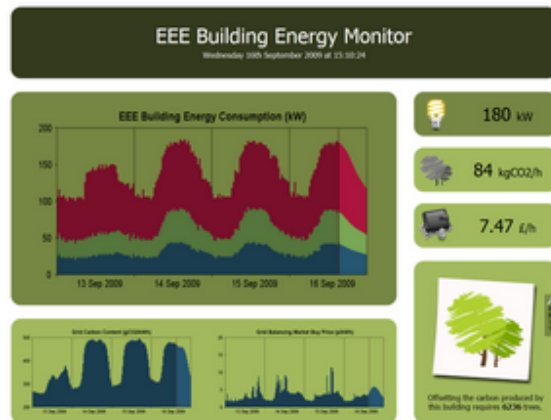
Current bid: £210.00
Your maximum bid: £ (Enter £215.00 or more)
 You will confirm in the next step.

eBay automatically bids on your behalf up to your maximum bid.
[Learn about bidding.](#)



Agents in IAM

Dr. Alex Rogers
acr@ecs.soton.ac.uk



0.078	0.100	0.100	0.100	0.100
0.1123	1.1601	-	1.16%	0.186
0.118	1.662	+	0.16%	11.600
1.121	0.1201	+	0.10%	N/A
20.232	1.0233	-	1.53%	10.201
0.186	1.1611	+	1.15%	N/A
1.1601	0.1602	-	0.87%	20.160
1.662	0.105	-	0.11%	N/A
0.1201	1.230	+	0.11%	N/A
1	1.0233	0.073	+ 3.13%	1.662
2	1.1611	0.1150	+ 1.10%	10.201
01	0.1602	0.1123	+ 1.80%	0.873
73	0.1602	0.118	+ 1.80%	1.123
123	0.105	1.121	+ 0.02%	N/A
123	1.230	0.105	+ 0.02%	20.232
				200
				666
				1.100
				6

What's an agent?

- A piece of software situated in an environment (i.e. real world, web) that autonomously acts on behalf of its owner:
 - Reactive
 - Proactive
 - Social

What do we do?

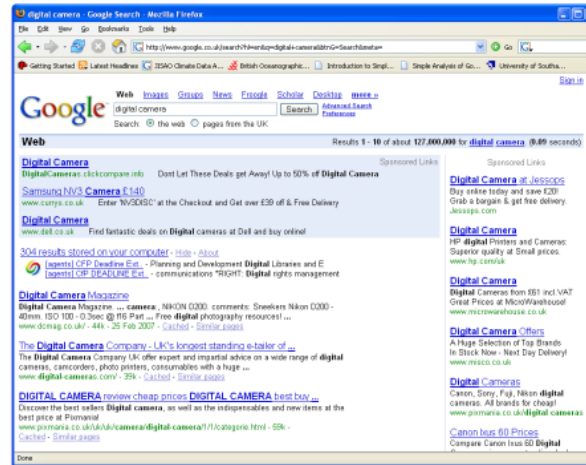
- Design agents
 - Strategies
- Design the environments in which they interact
 - Rules of the game
- Attempt to understand system-wide properties of multi-agent systems

Auctions and Markets

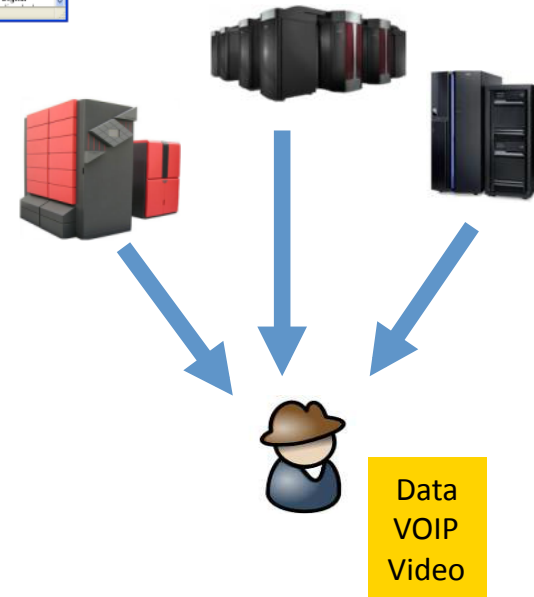
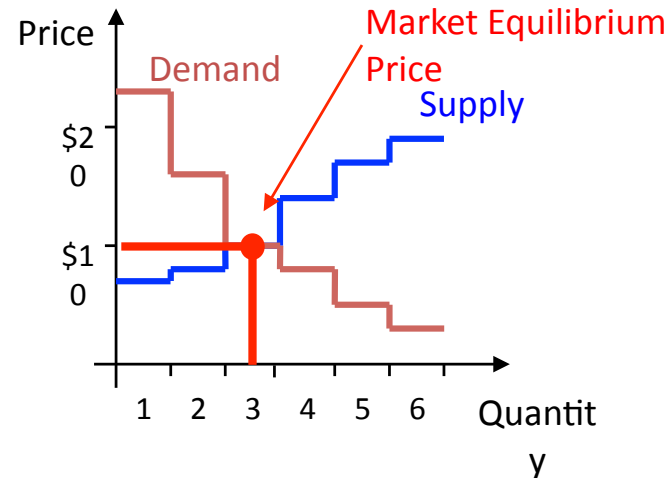


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01	0.1602	0.87%	-	20.160
73	0.1602	0.1123	+	N/A
123	0.105	0.118	+	N/A
	0.121	0.121	+	20.232
	0.121	0.121	+	0.186
	0.121	0.121	+	1.190



Autonomous Systems

Unattended Ground Sensors



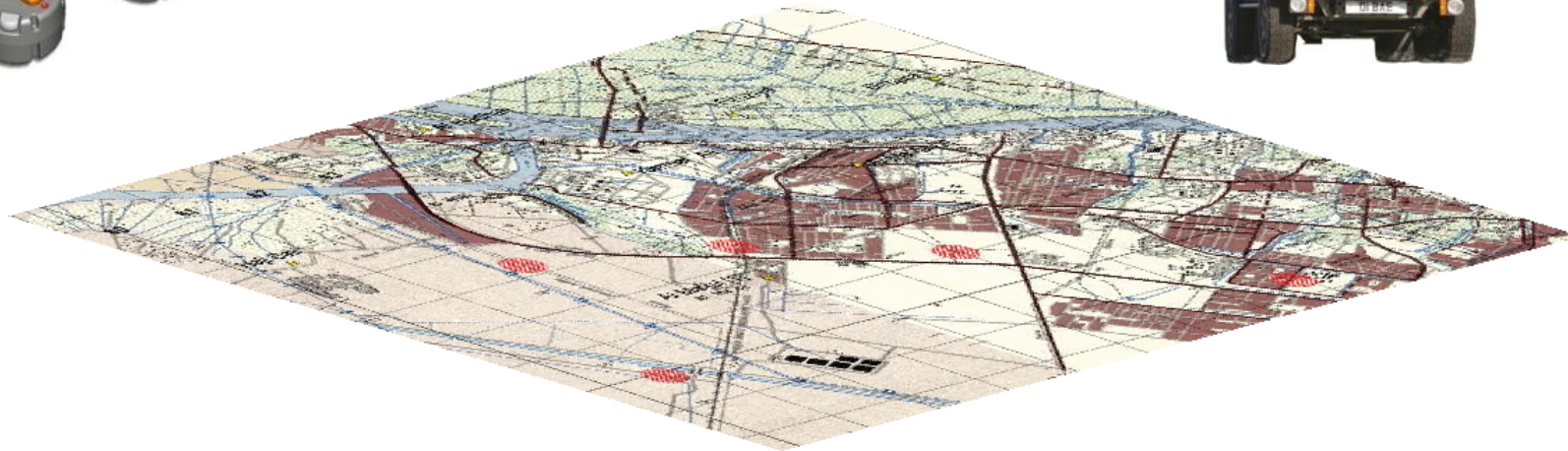
Mobile Sensors

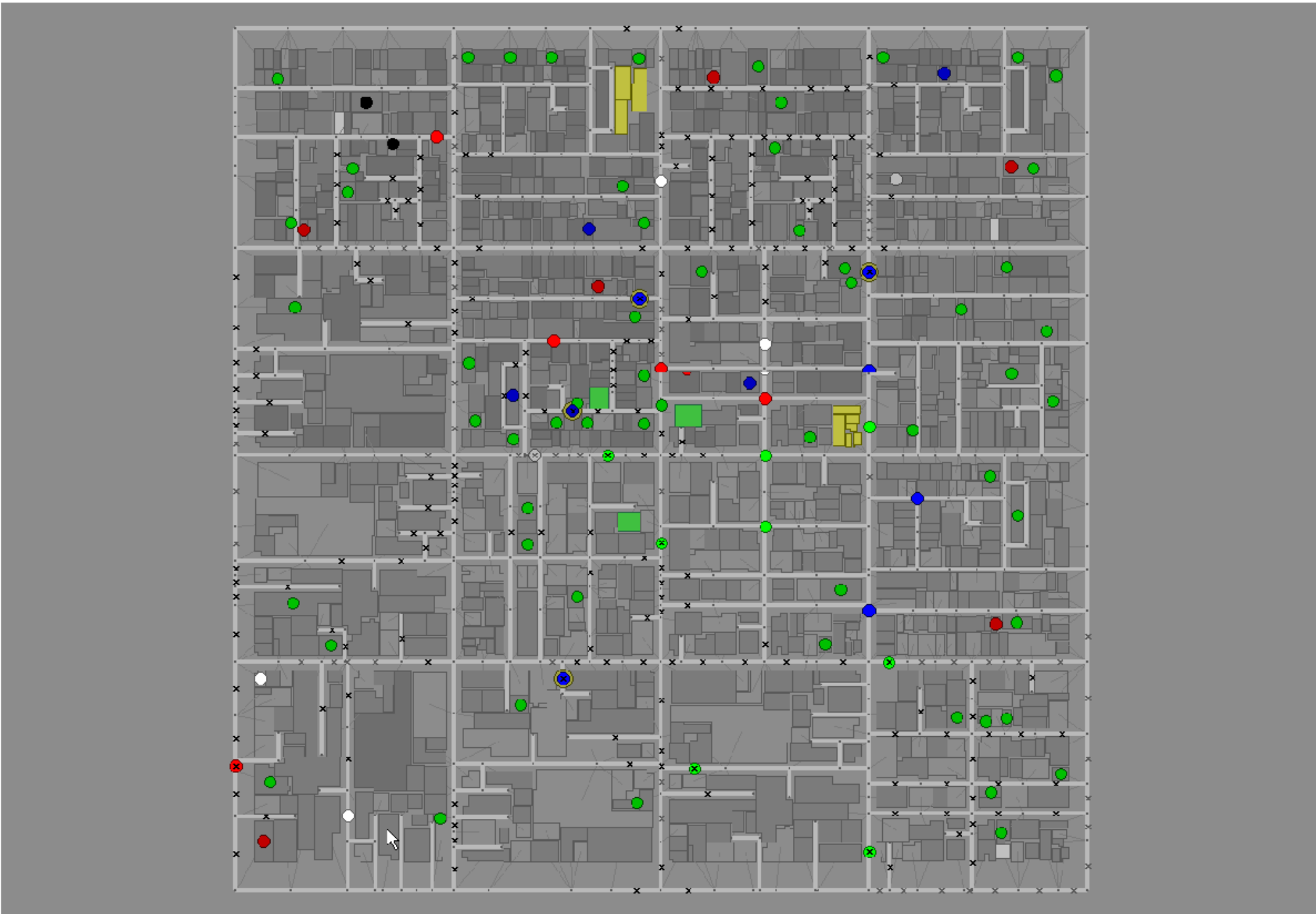


Aerial Unmanned Vehicles

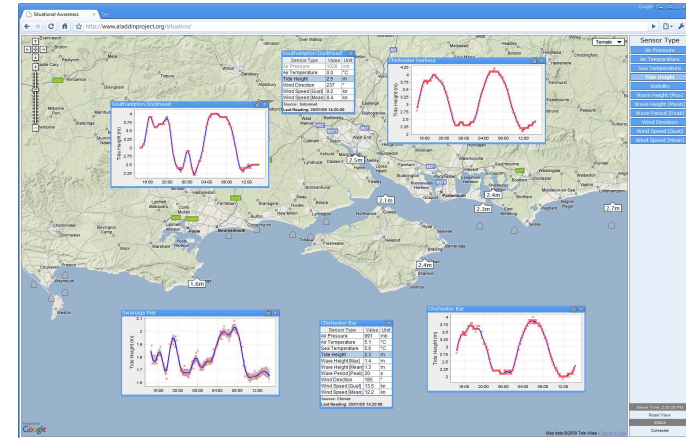
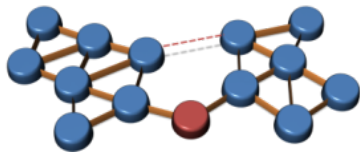


Autonomous Ground Vehicles





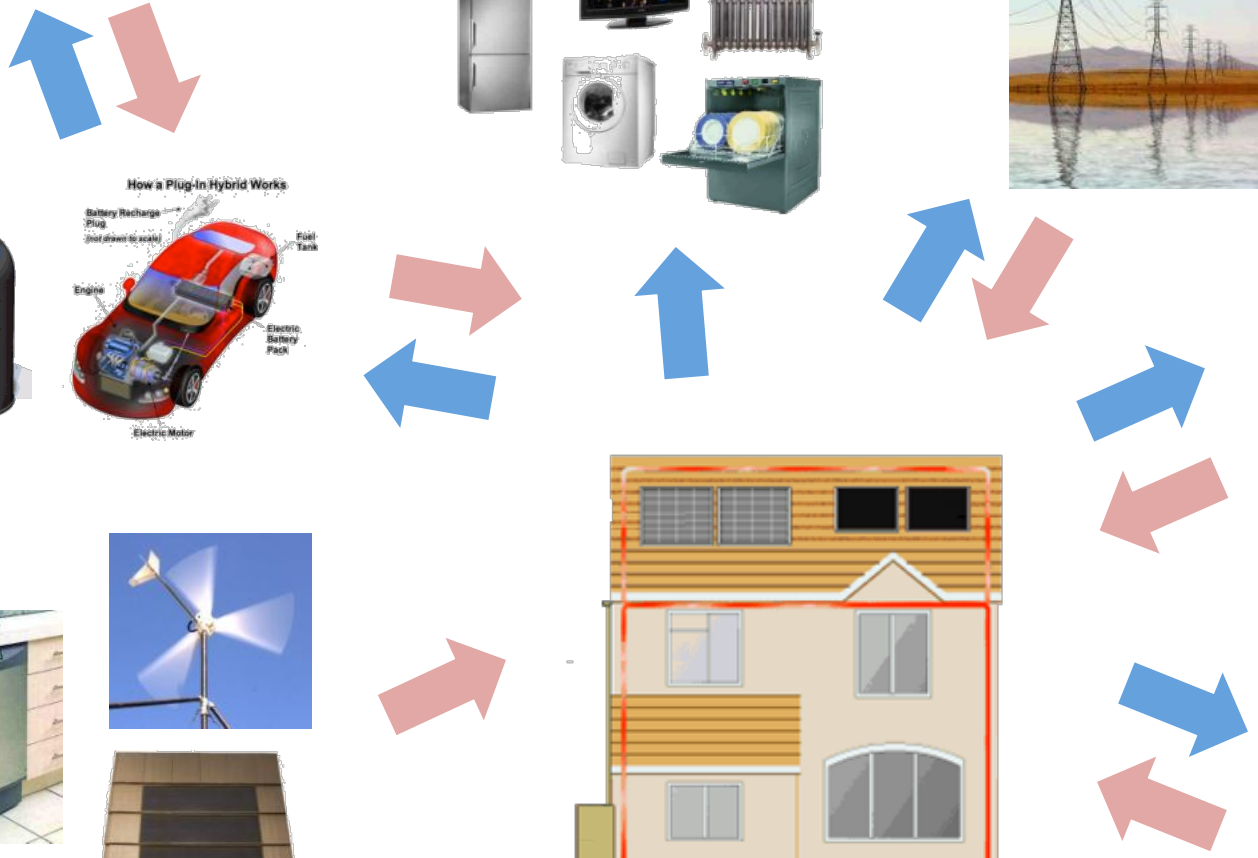
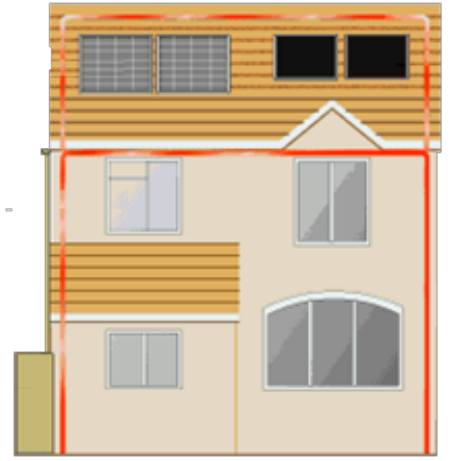
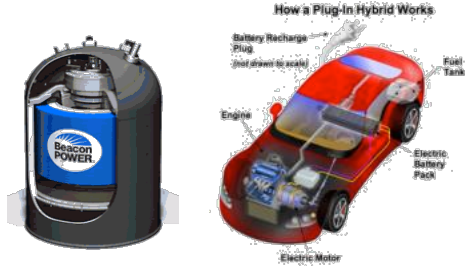
Sensor Networks



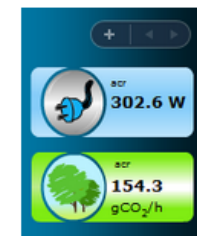
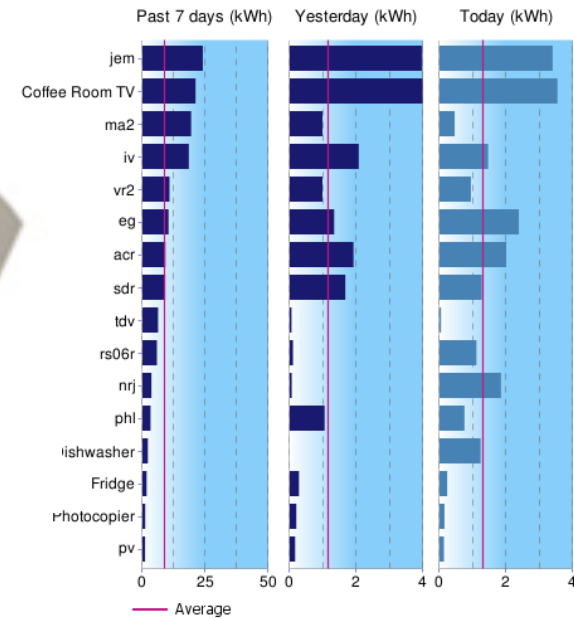
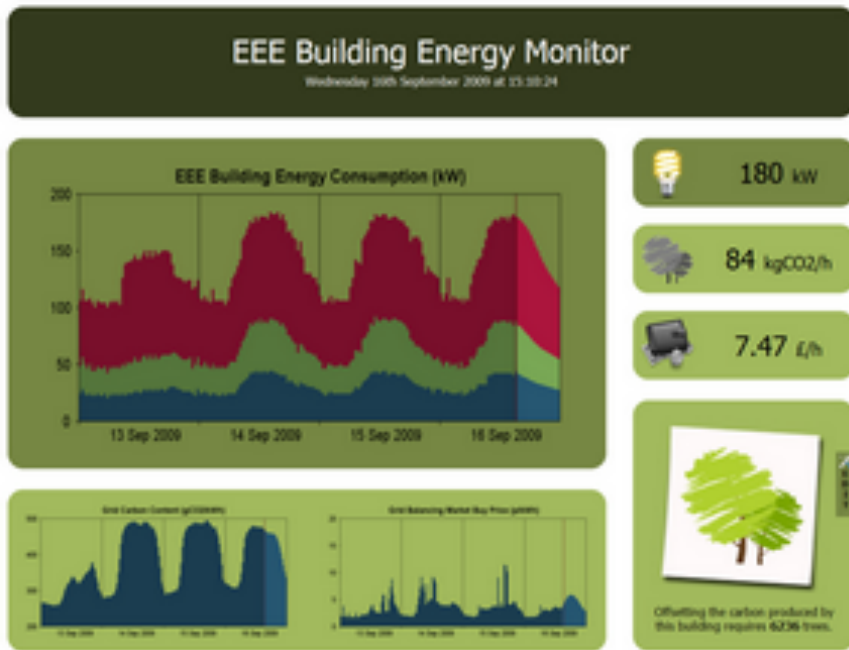
<http://www.aladdinproject.org/situation/>



Smart Grid



Smart Grid



<http://energy.ecs.soton.ac.uk/energy/display/>

Plus lots more

- Check out academics websites
 - <http://users.ecs.soton.ac.uk/acr/>
 - <http://users.ecs.soton.ac.uk/nrj/>
 - <http://users.ecs.soton.ac.uk/eg/>
- and project websites
 - www.aladdinproject.org
 - www.ideasproject.info