IPRO 334: Energy Consumption Awareness at the Point of Decisionmaking in the Home



We only have 1 planet.

If everyone lived like us we'd need 10.





















We use a lot of energy in our homes.



We waste a lot of energy in our homes.

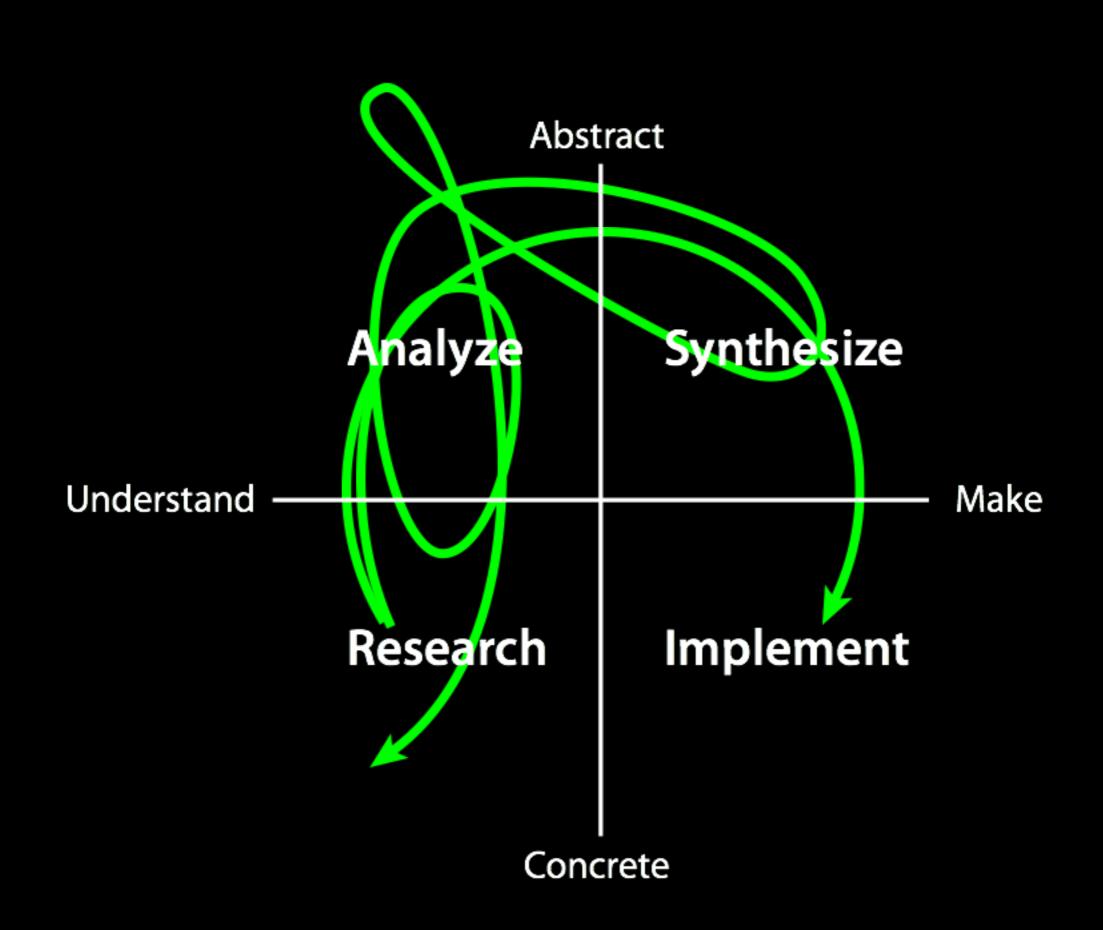


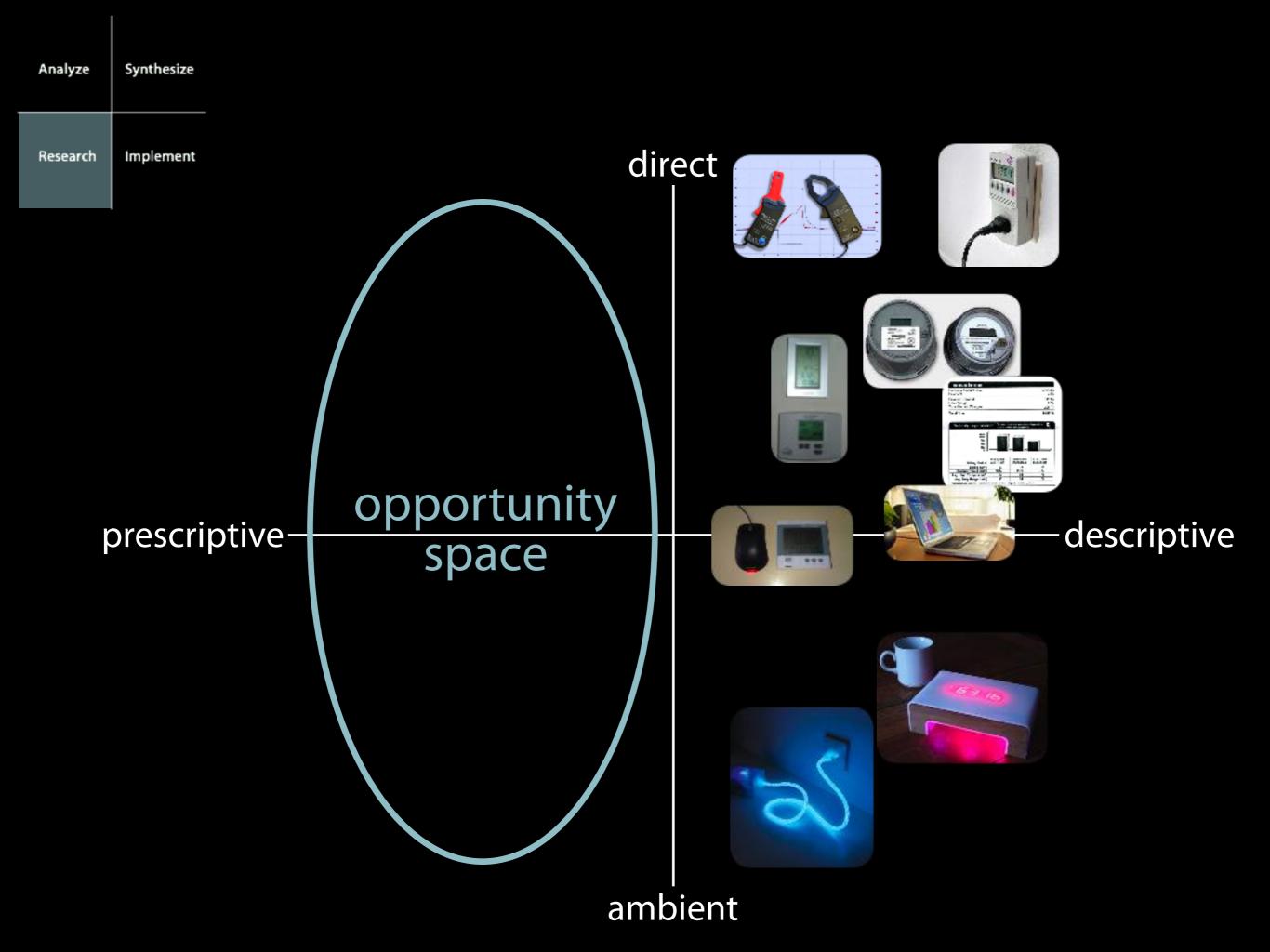
Sustainable Homes = Smart Homes +
Smart Occupants

Our challenge : make the invisible visible.

Task Name	Duration	Start	Finish	February 2007 March 2007 April 2007 May 2
	Daration			1821242730 2 5 8 111417202326 1 4 7 1013161922252831 3 6 9 12151821242730 3 6
Introduction to the Problem	21 days	Tue 1/23/07	Fri 2/16/07	
Team Building	0 days	Tue 1/23/07	Tue 1/23/07	♦ _1/23
IPRO Briefing	0 days	Thu 1/25/07	Thu 1/25/07	1/25
Existing Products Exploration	0 days	Tue 1/30/07	Tue 1/30/07	♦ _1/30
Team Brainstorming	0 days	Thu 2/1/07	Thu 2/1/07	2/1
Product Testing	0 days	Thu 2/1/07	Thu 2/1/07	♦ 2/1
Institute of Design Presentation	0 days	Tue 2/6/07	Tue 2/6/07	♦ 2/6
Project Plan	12 days	Sat 2/3/07	Fri 2/16/07	Planning/Deliverables
House of the Future Meeting	0 days	Tue 2/13/07	Tue 2/13/07	♦ 2/13
Research	15 days	Tue 2/6/07	Thu 2/22/07	
Market Research	9 days	Tue 2/6/07	Thu 2/15/07	
User Profile	0 days	Tue 2/6/07	Tue 2/6/07	♦ _2/6
User Needs Research	7 days	Thu 2/8/07	Thu 2/15/07	Business
Retailer Research	7 days	Thu 2/8/07	Thu 2/15/07	Business
Installation Research	7 days	Thu 2/8/07	Thu 2/15/07	Business
Customer Research	15 days	Tue 2/6/07	Thu 2/22/07	
Survey Design	7 days	Tue 2/6/07	Tue 2/13/07	User Research
Survey Distribution	7 days	Thu 2/15/07	Thu 2/22/07	User Research
Interviews	7 days	Thu 2/15/07	Thu 2/22/07	User Research
Research Presentations	0 days	Thu 2/22/07	Thu 2/22/07	2/22
Continued Research	25 days	Fri 2/23/07	Thu 3/22/07	-
Preliminary Scenario Plan	25 days	Fri 2/23/07	Thu 3/22/07	
Survey Team Interviews	25 days	Fri 2/23/07	Thu 3/22/07	
Design Phase I	5 days	Tue 2/20/07	Sat 2/24/07	
Identify Design Needs	0 days	Tue 2/20/07	Tue 2/20/07	♦ 2/20
Prototype Design	0 davs	Thu 2/22/07	Thu 2/22/07	△ _2/22





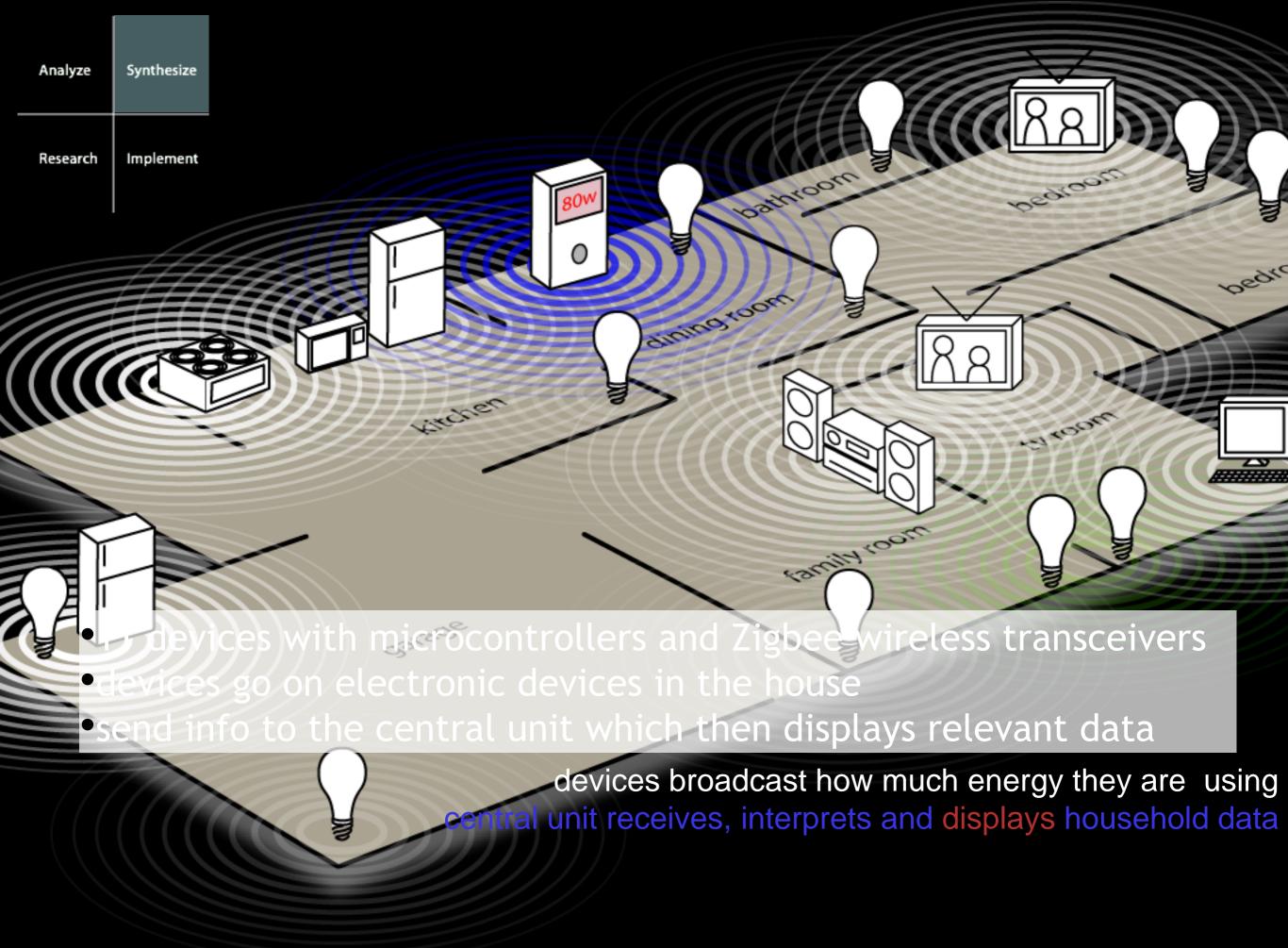


Analyze

Synthesize

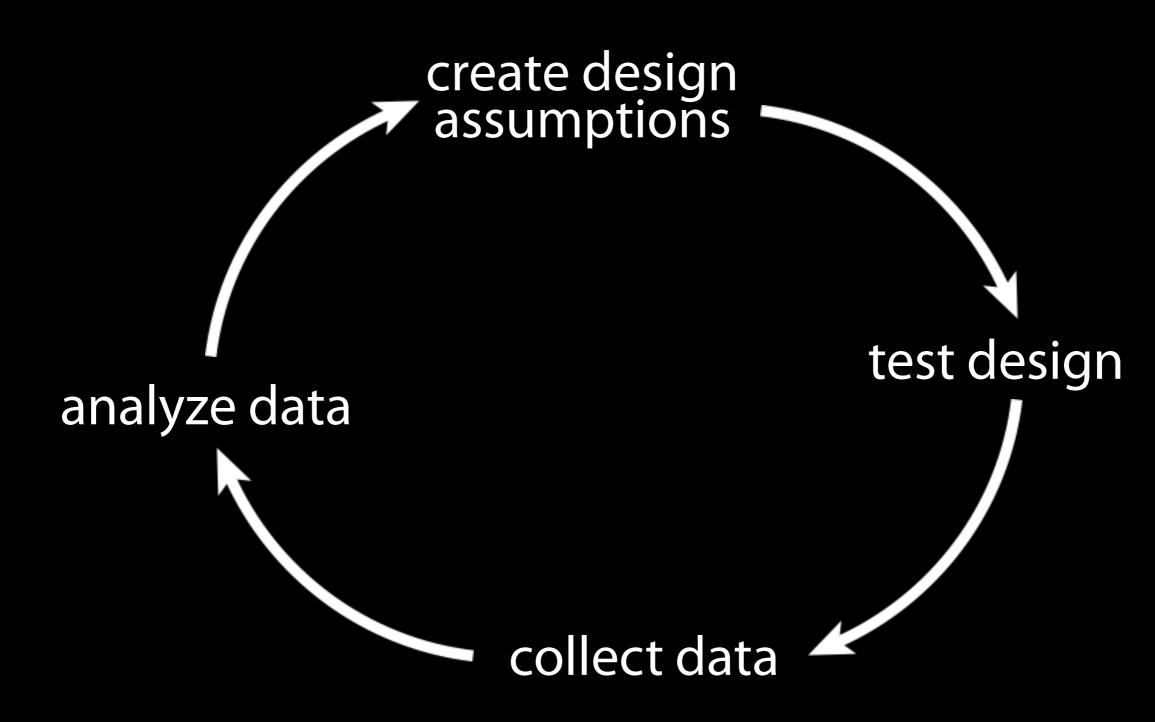
Research





Our work is about awareness,	not technology.





Analyze Synthesize

Research



Analyze Synthesize

Research



Analyze Synthesize Implement Research

MICHON

Research

Implement

Attraction



Real-time Feedback

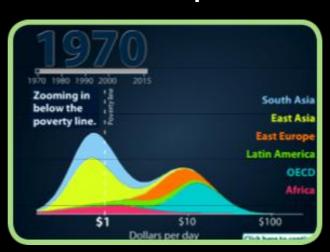


Simple Indicators

Engagement



Goals/Comparison



Deep Info

Extension



Limited Lifetime

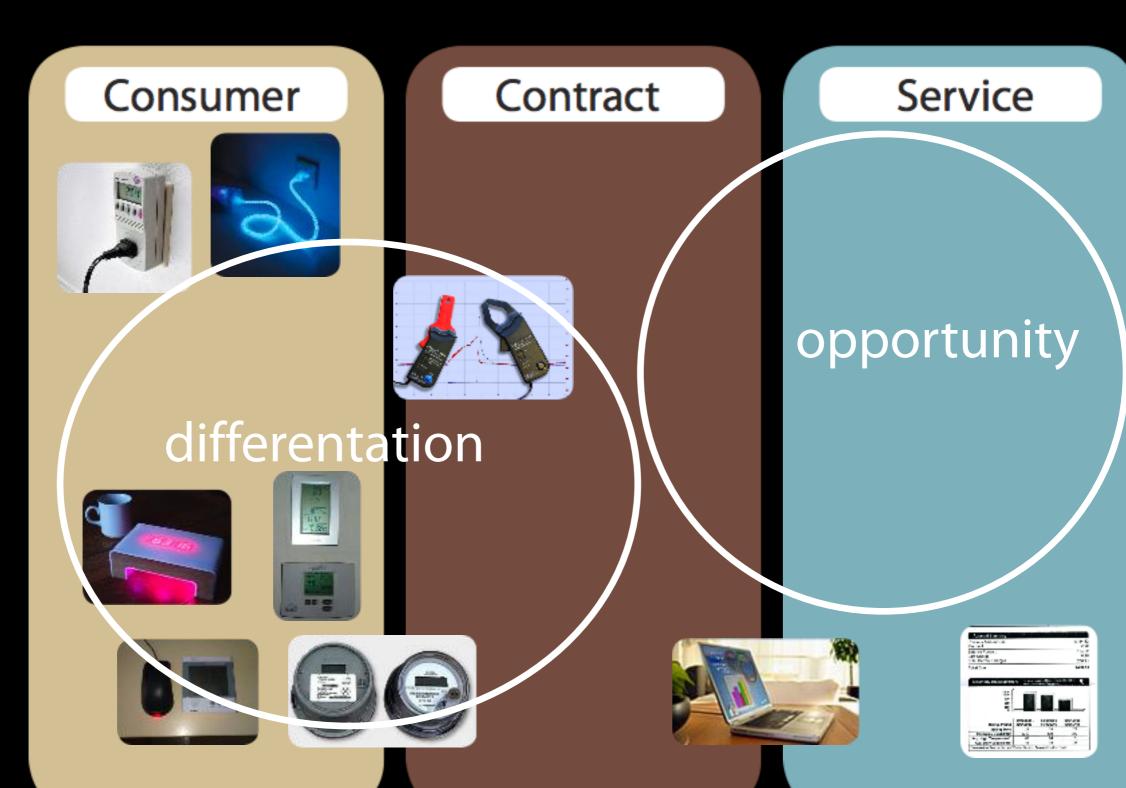


Adapting Over Time

Analyze

Synthesize

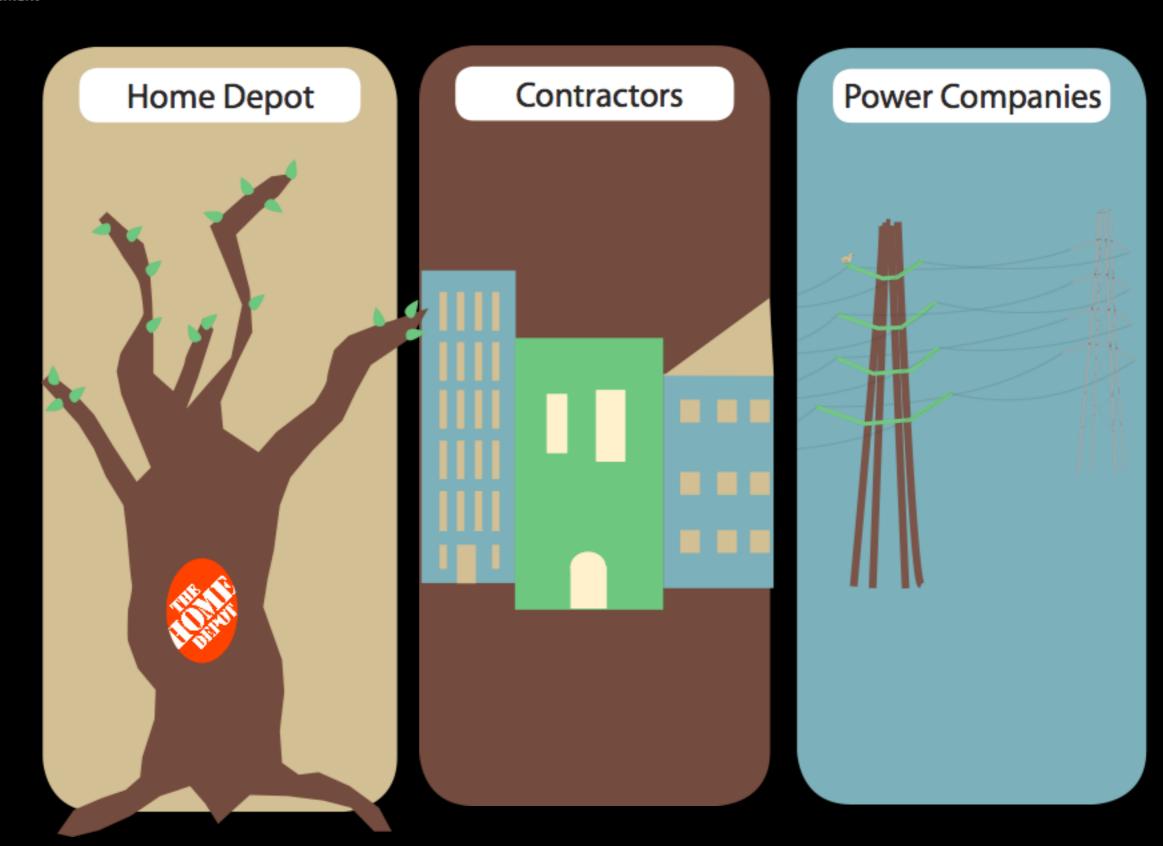
Research



Analyze

Synthesize

Research



Analyze Synthesize

Research Implement

