ALL YOU NEED IS HERE: WELLNESS STRATEGIES FOR EVERY BUILDING

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Chief Strategy Officer
BuildingGreen, Inc.





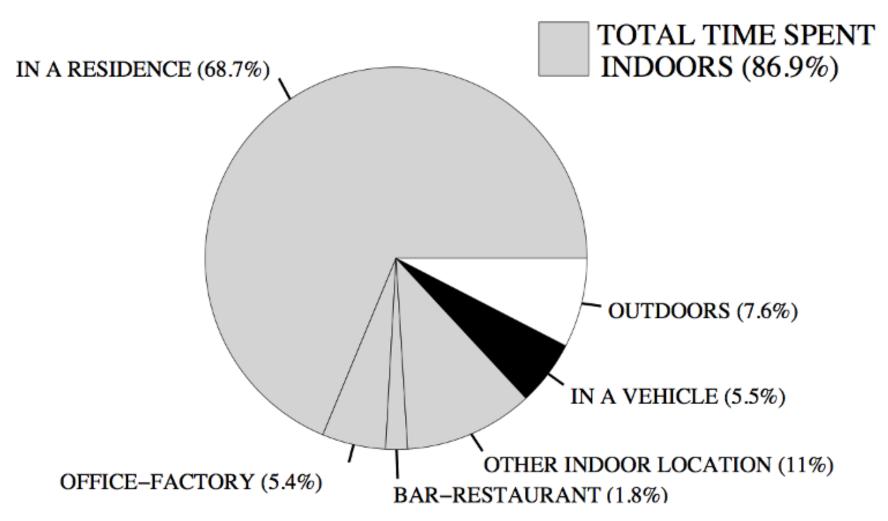
"We spend 90% of our time indoors."

Everyone



NHAPS – Nation, Percentage Time Spent

Total n = 9,196

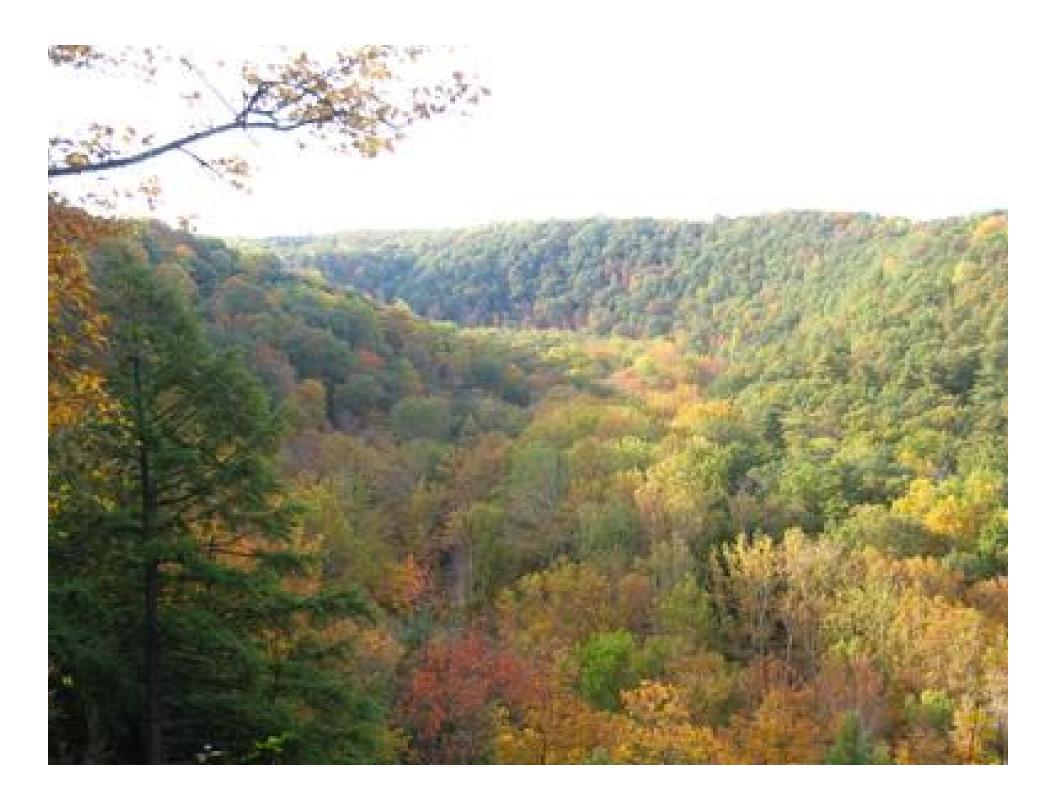


"The finding that emerges is that we are basically an indoor species."

"In a modern society, total time outdoors is the most insignificant part of the day, often so small that it barely shows up in the total."

- W.R. Ott

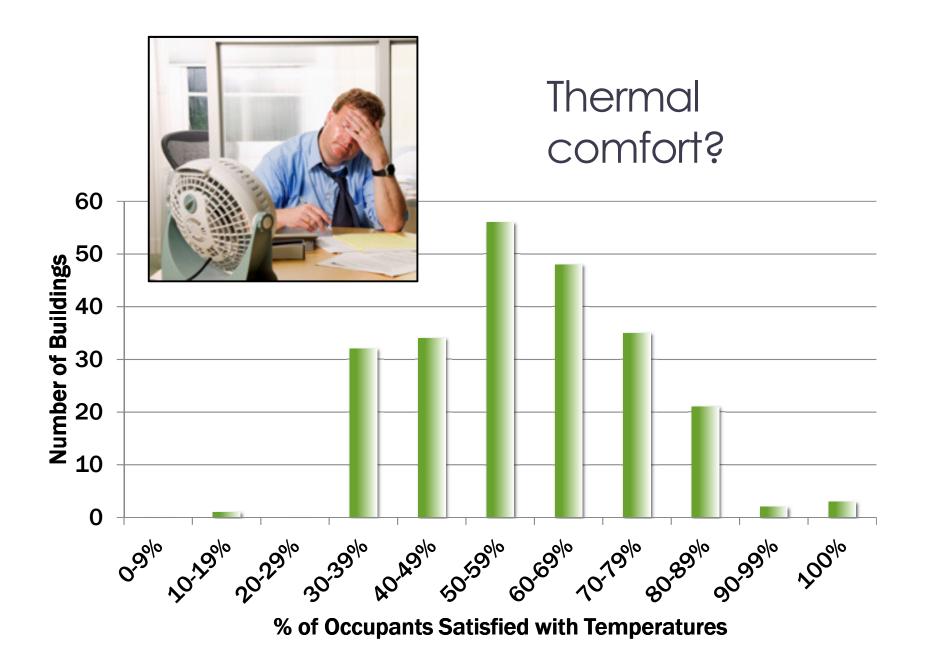




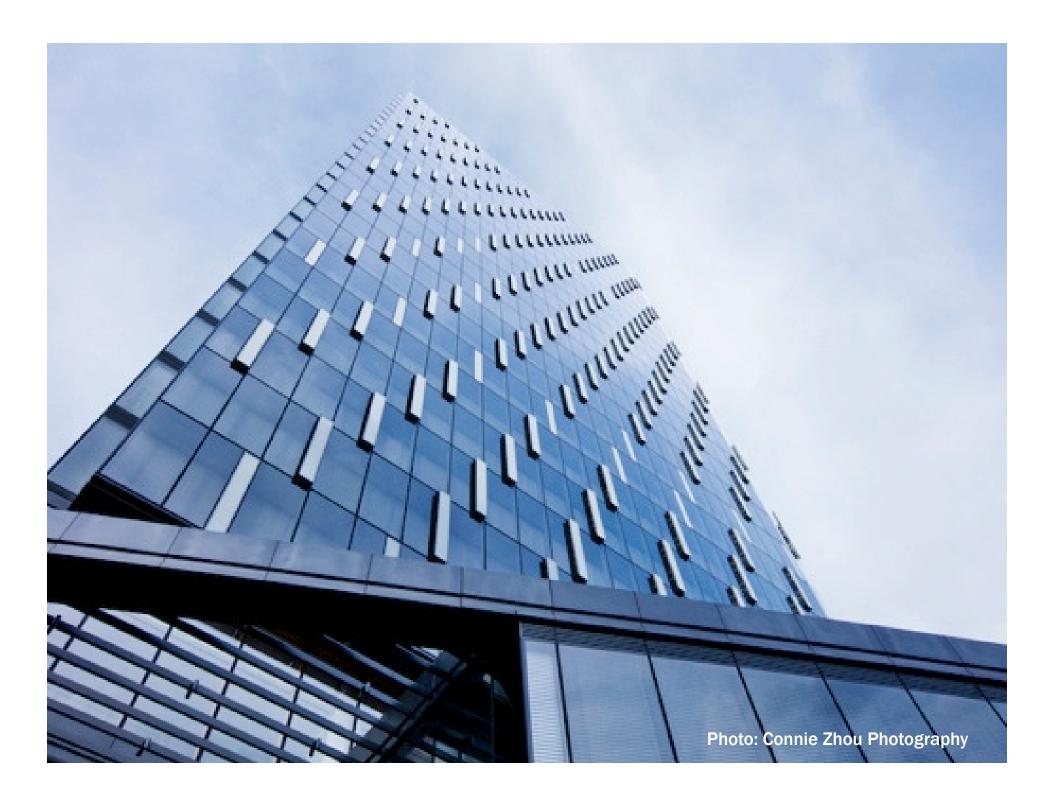




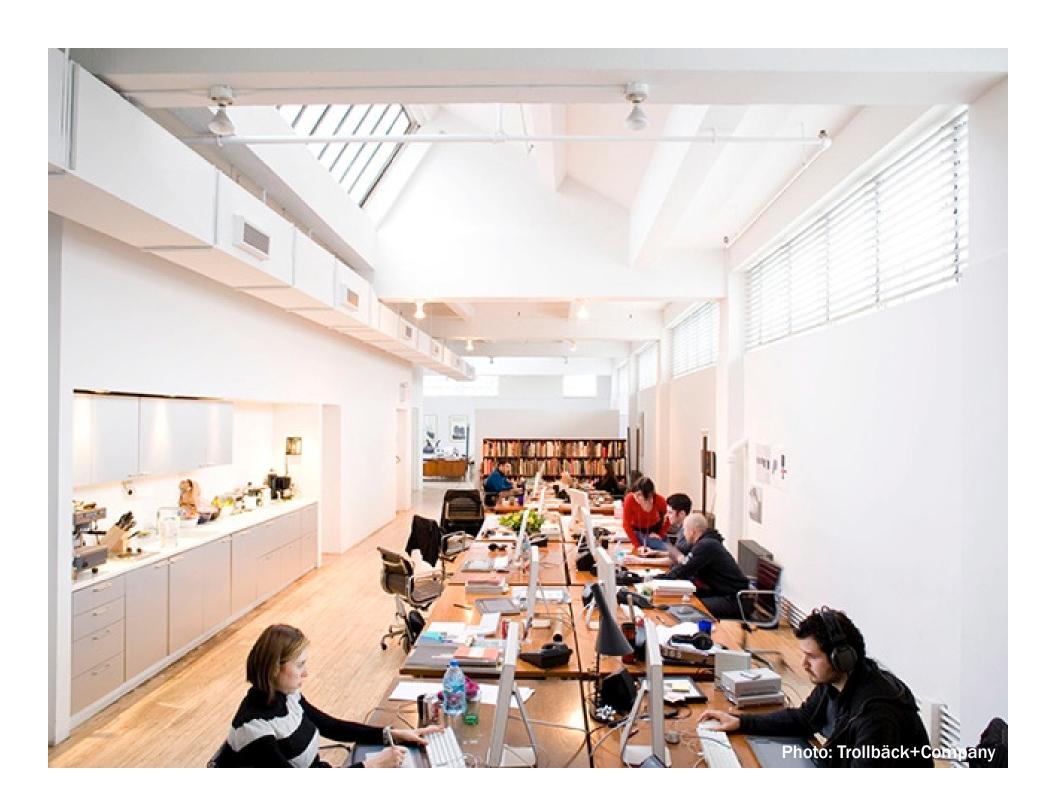


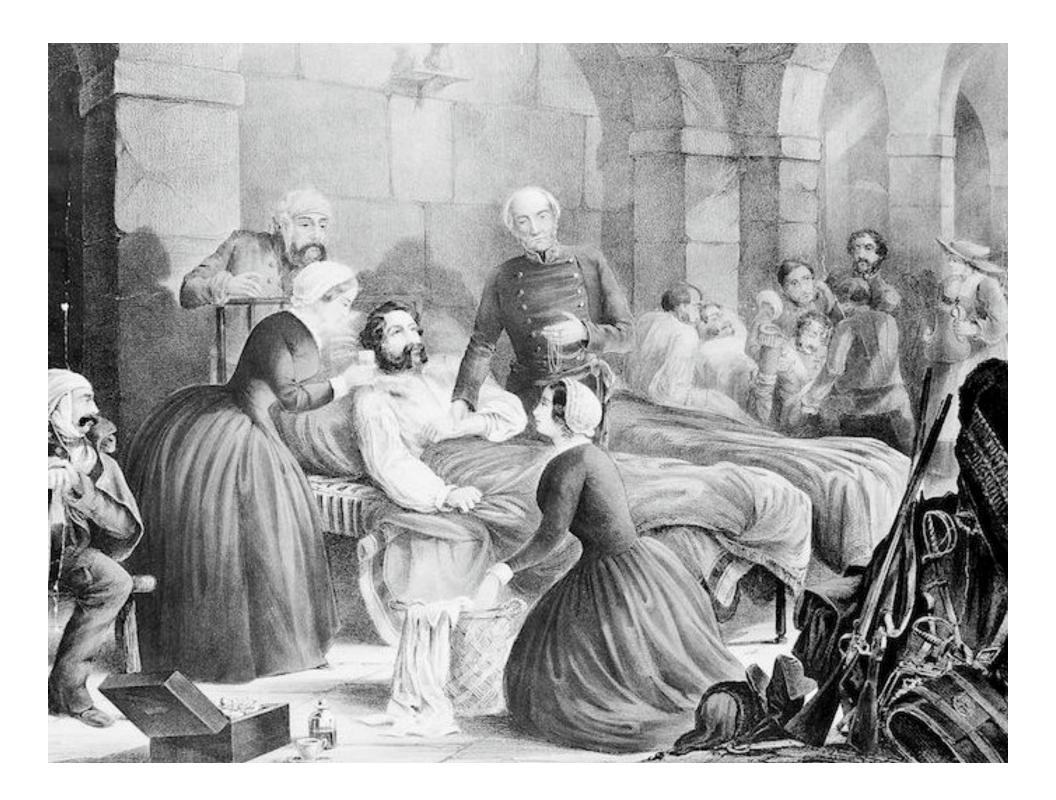


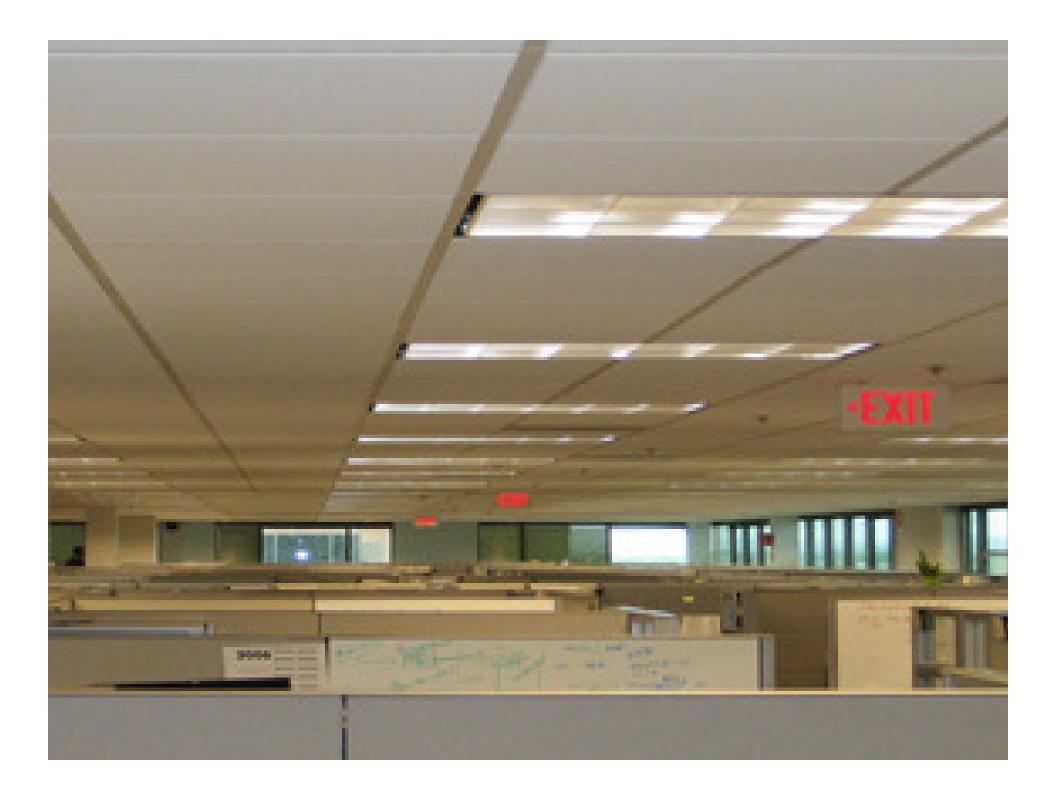


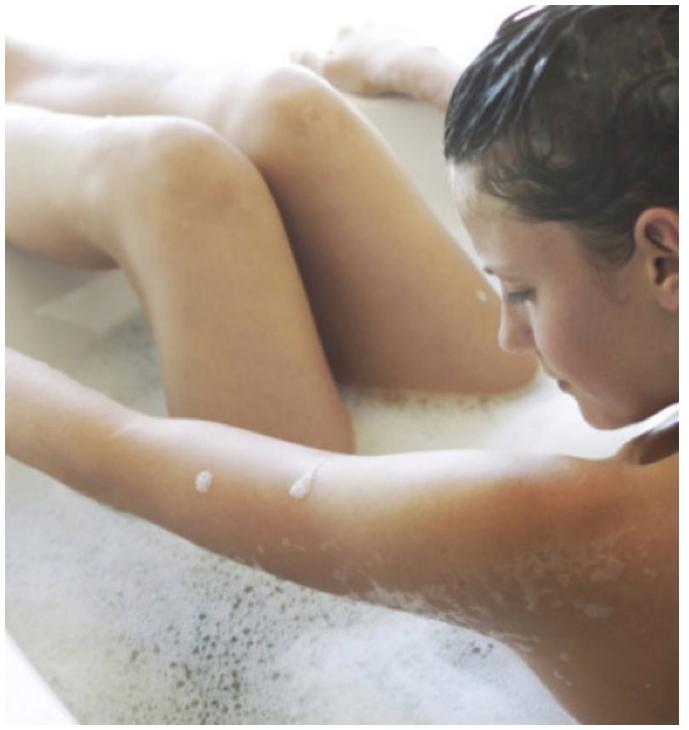


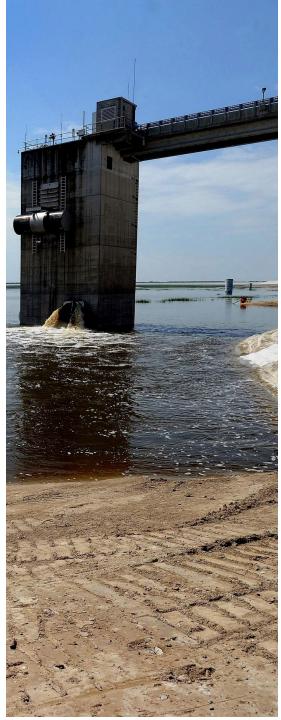




















Is WELL a solution? Fitwel? LBC?









AIR

WATER

NOURISHMENT

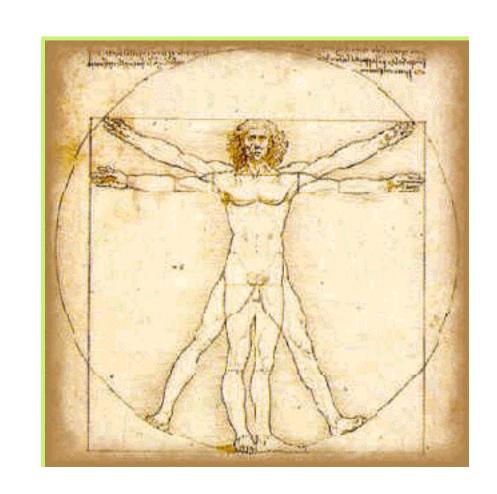
LIGHT

FITNESS

COMFORT

MIND

- 1. Cardiovascular
- 2. Digestive
- 3. Endocrine
- 4. Immune
- 5. Integumentary
- 6. Muscular
- 7. Nervous
- 8. Reproductive
- 9. Respiratory
- 10.Skeletal
- 11. Urinary





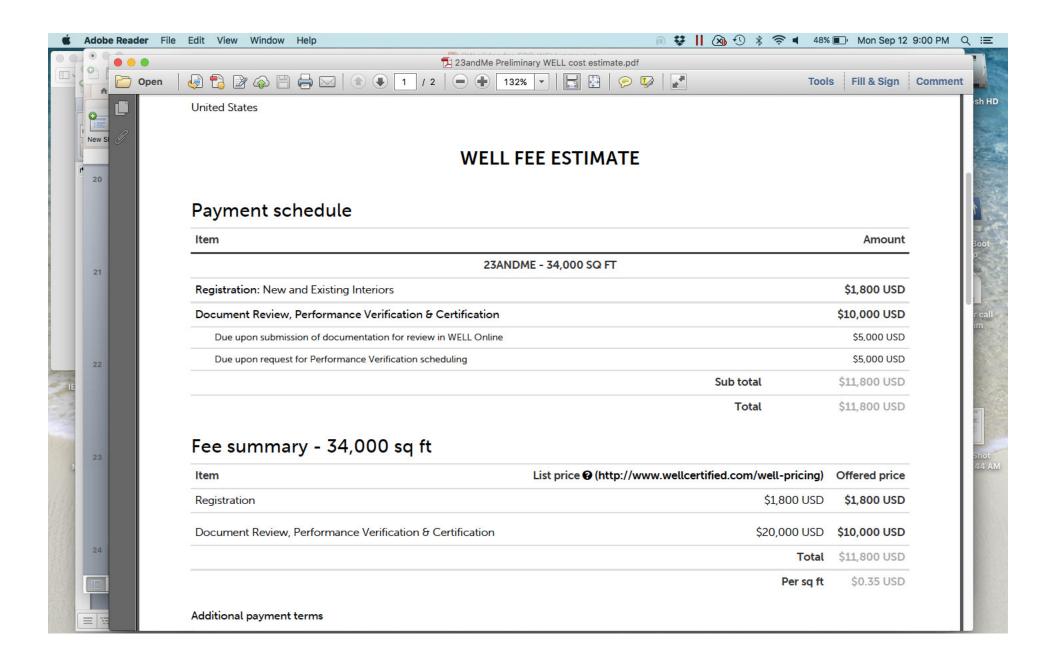


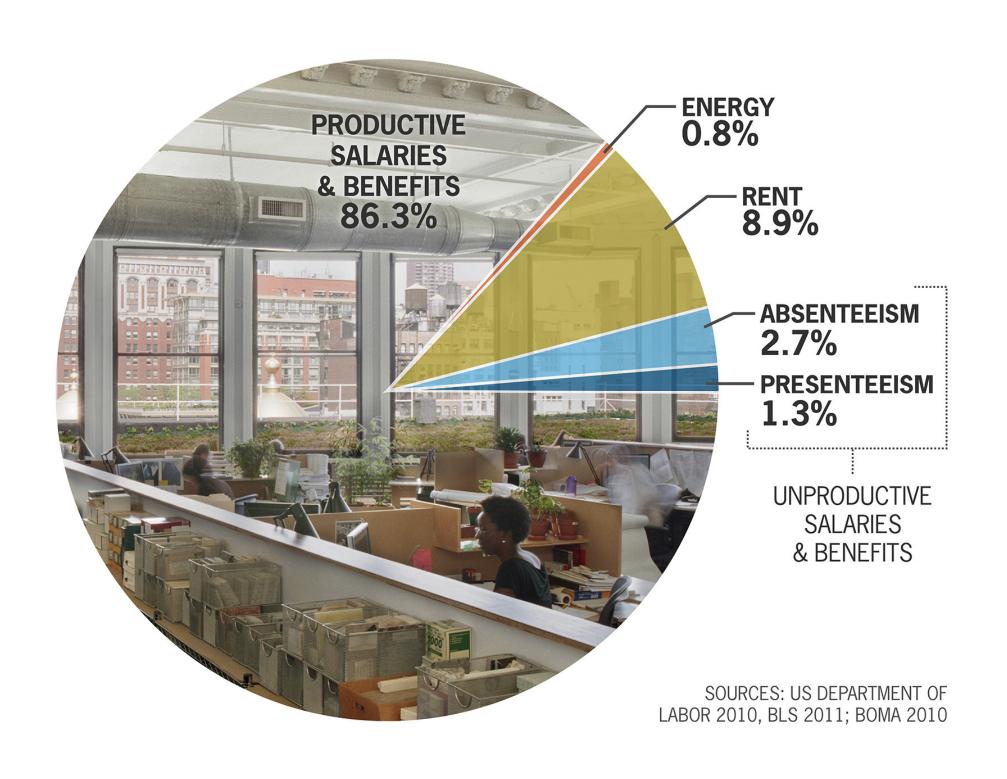
BUILDING STANDARD®

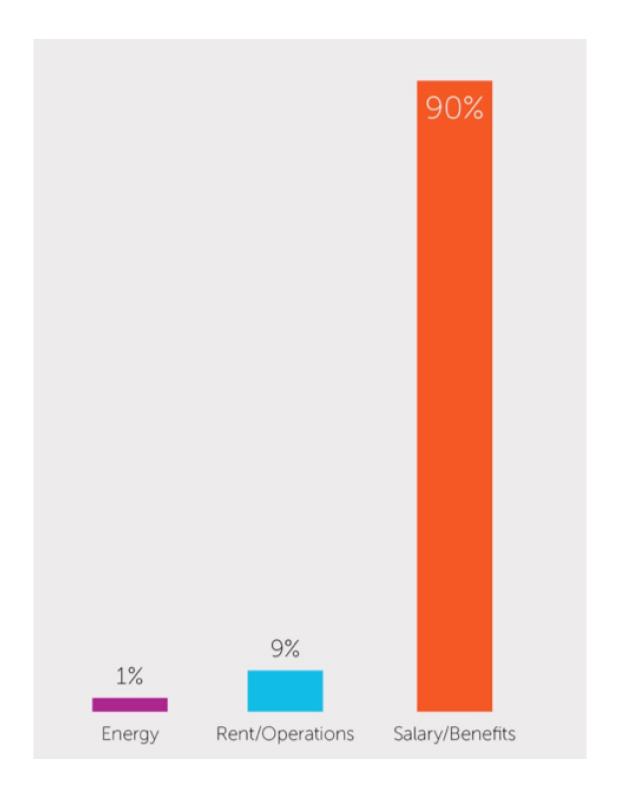
WELL SCORECARD









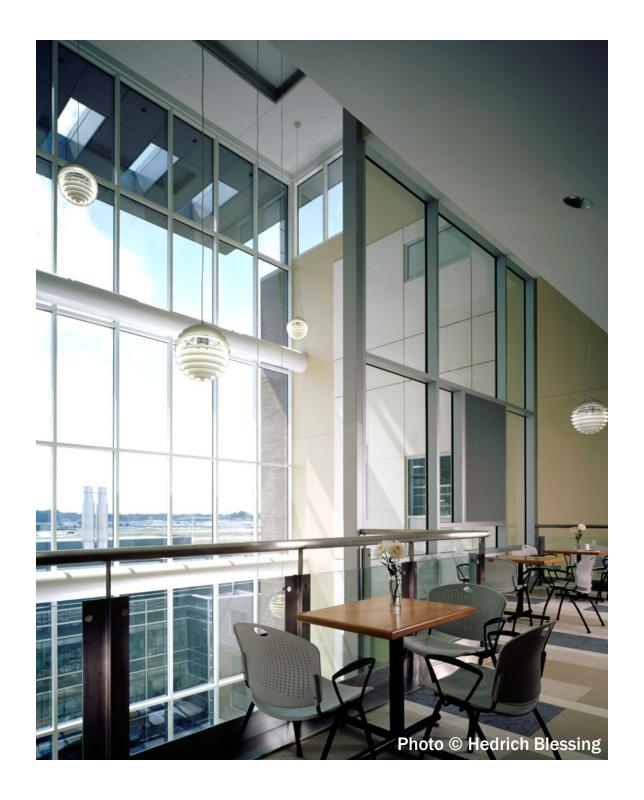






Fitwel







Fitwel: Accessible and evidence-based

 fitwel ⁻										0
The Finker service marks (word and logos) are owned by the U.S. Lepartment or Health and Human Services. Participation by The Center for Active Design does not									Stars:	0
FITWEL WORKPLACE: SINGLE TENANT BUILDING PROJECT NAME DATE				IANT BUIL	.DING					
SECTION	STRATEGY ID	SƏA	ON	MAYBE	DOCUMENTS COMPLETE?	FITWEL STRATEGIES		POINTS AVAILABI	.E	POINTS EARNED
							YES	NOT APPLICABLE	ALTERNATIVE COMPLIANCE	
LOCATION	1.1				NO	Walk ScoreTM of 50 or above Buildings and campuses in more walkable locations have been shown to foster improved health within individuals by increasing opportunities for regular physical activity. Documentation Required No certification documents needed for this strategy	3.33			0
	1.2				NO	Walk ScoreTM of 70 or above Buildings and campuses in more walkable locations have been shown to foster improved health within individuals by increasing opportunities for regular physical activity. Documentation Required No certification documents needed for this strategy	5			0
	1.3				No	Walk ScoreTM of 90 or above Buildings and campuses in more walkable locations have been shown to foster improved health within individuals by increasing opportunities for regular physical activity. Documentation Required No certification documents needed for this strategy	5			0
	1.4				NO	Public transit stop located within 1/2 mile or 800 meters of the main building entrance Transit use is associated with an increase in physical activity. It also increases access for employees and visitors who do not drive. Documentation Required No certification documentation is needed for this strategy. BOMA BEST Sustainable Buildings 3.0: 10.04.02 awarded credit is also accepted.	4			0

"We are the CDC. We talk about health every day—but this is the first time I ever saw a building manager, an occupant, an architect, an interior designer, and a LEED sustainability specialist sitting around the table talking about how we could make our building healthier for our own people. If we can get that kind of meeting happening around the world, that would be a great accomplishment."

Liz York, Associate Director for Quality and Sustainability,
 Centers for Disease Control

Fitwel: Affordable (\$6,500/project)



Fitwel: Behavior changing



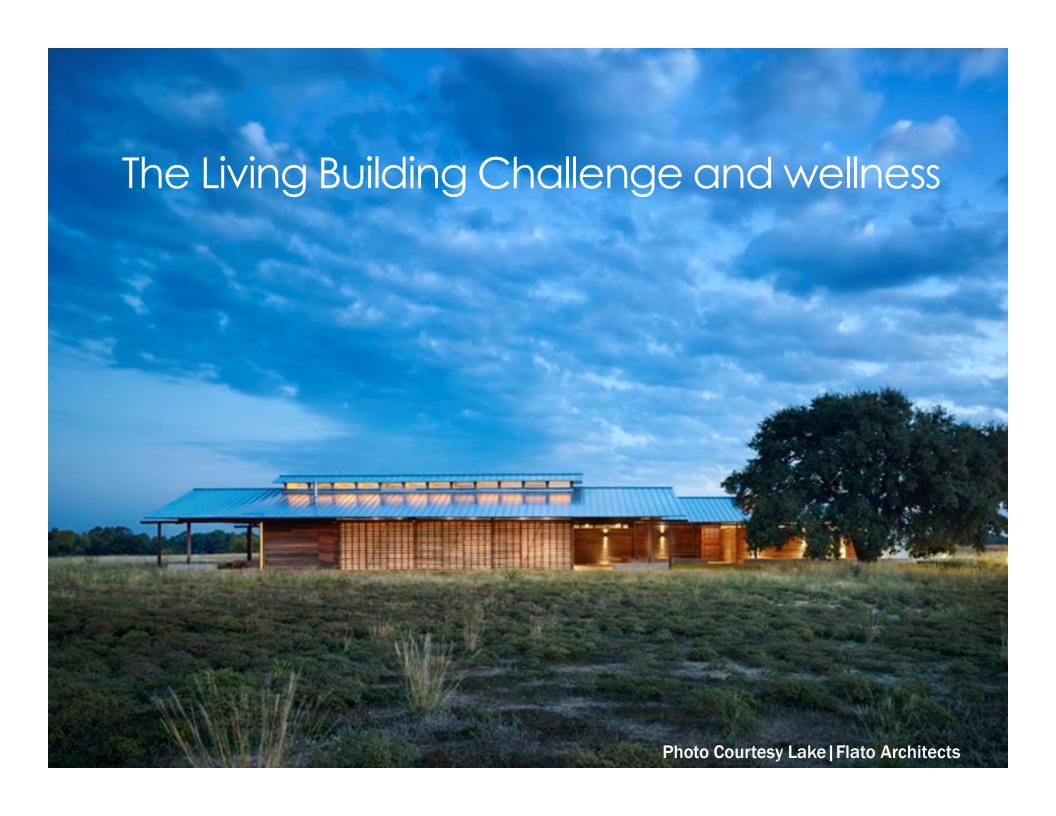
Fitwel: As easy to use as an iPad





Fitwel: Too easy? Not specific enough?





LBC and wellness

	BUILDINGS	RENOVATIONS	LANDSCAPE + INFRASTRUCTURE	
PLACE				01. LIMITS TO GROWTH
	SCALE JUMPING		SCALE JUMPING	02. URBAN AGRICULTURE
			SCALE JUMPING	03. HABITAT EXCHANGE
				04. HUMAN POWERED LIVING
WATER			SCALE JUMPING	05. NET POSITIVE WATER
ENERGY			SCALE JUMPING	06. NET POSITIVE ENERGY
HEALTH & HAPPINESS				07. CIVILIZED ENVIRONMENT
				08. HEALTHY INTERIOR ENVIRONMENT
				09. BIOPHILIC ENVIRONMENT
MATERIALS				10. RED LIST
			SCALE JUMPING	11. EMBODIED CARBON FOOTPRINT
				12. RESPONSIBLE INDUSTRY
				13. LIVING ECONOMY SOURCING
				14. NET POSITIVE WASTE
EQUITY				15. HUMAN SCALE + HUMANE PLACES
				16. UNIVERSAL ACCESS TO NATURE & PLACE
			SCALE JUMPING	17. EQUITABLE INVESTMENT
				18. JUST ORGANIZATIONS
BEAUTY				19. BEAUTY + SPIRIT

)

BUILDING

	LEED v4	LEED Pllot	Well v1	LBC 3.1	Fitwel v1
Active Design		•	•	•	
Biophilia			•	•	0
On-site Food Options		0	+ •	+ 0	•
Materials Specification Life Cycle Health Impact		0		•	
Daylight			1	+ 0	0
Interior Light Quality			•		
Natural Ventilation				•	
Thermal Comfort			•	0	
Air Quality VOCs, Flush Out, Testing, etc.	testing optional		• ✓	•	0
Drinking Water Quality			♦ ✓		
Acoustics	♦ • for schools	•	* ✓		
Mental Health		0			0
Ergonomics/ Adjustable Furniture		0	•		•

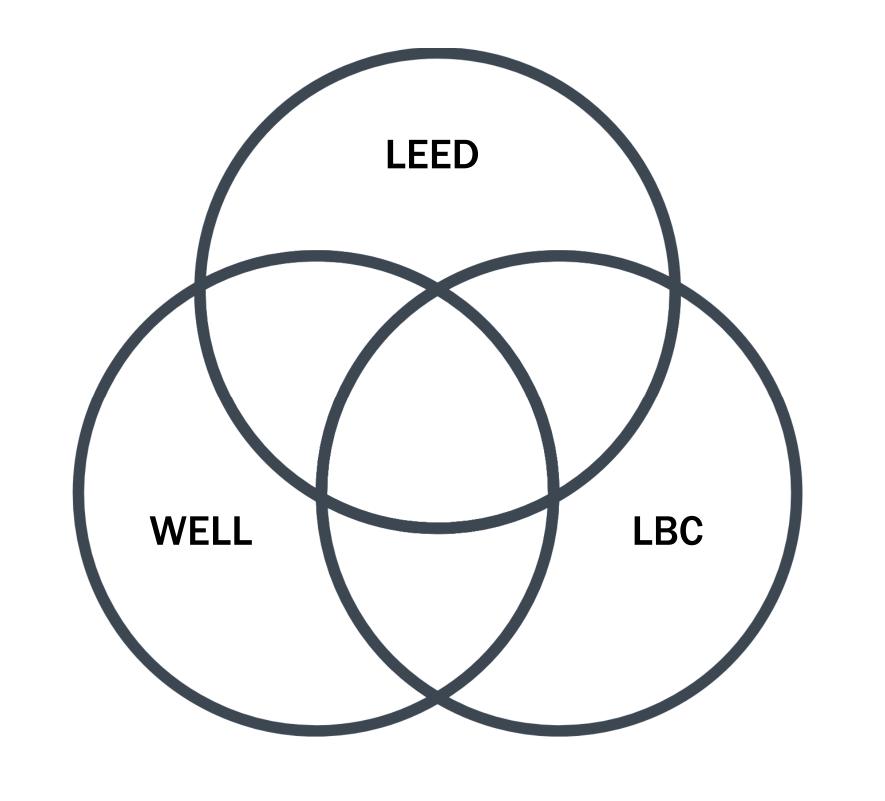
LOCATION & SITE

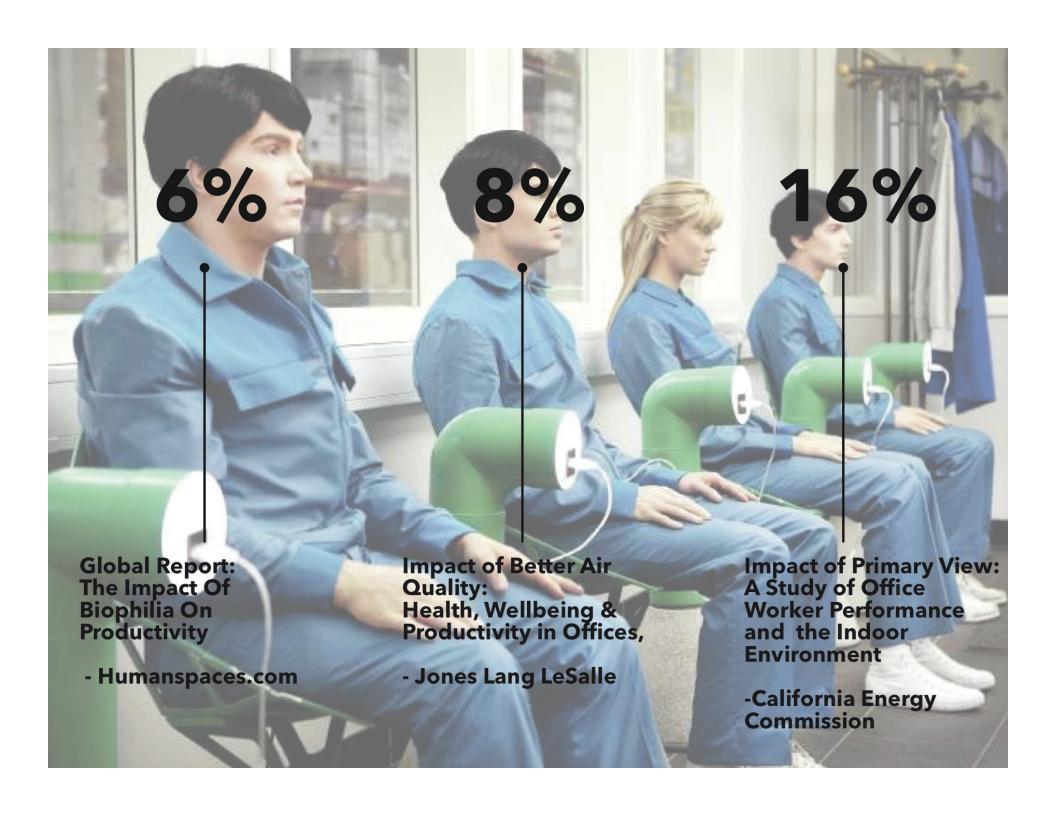
	LEED v4	LEED Pllot	Well v1	LBC 3.1	Fitwei v1
Walkability	0	0	0	♦ •	
Public Transportation Access					0
Proximity to Green Space					
Onsite Green Space Creation					0
Proximity to Health Food Options	*				0
Services and Employment Access				0	
Safety		0			0
Resilient Community		0		0	0

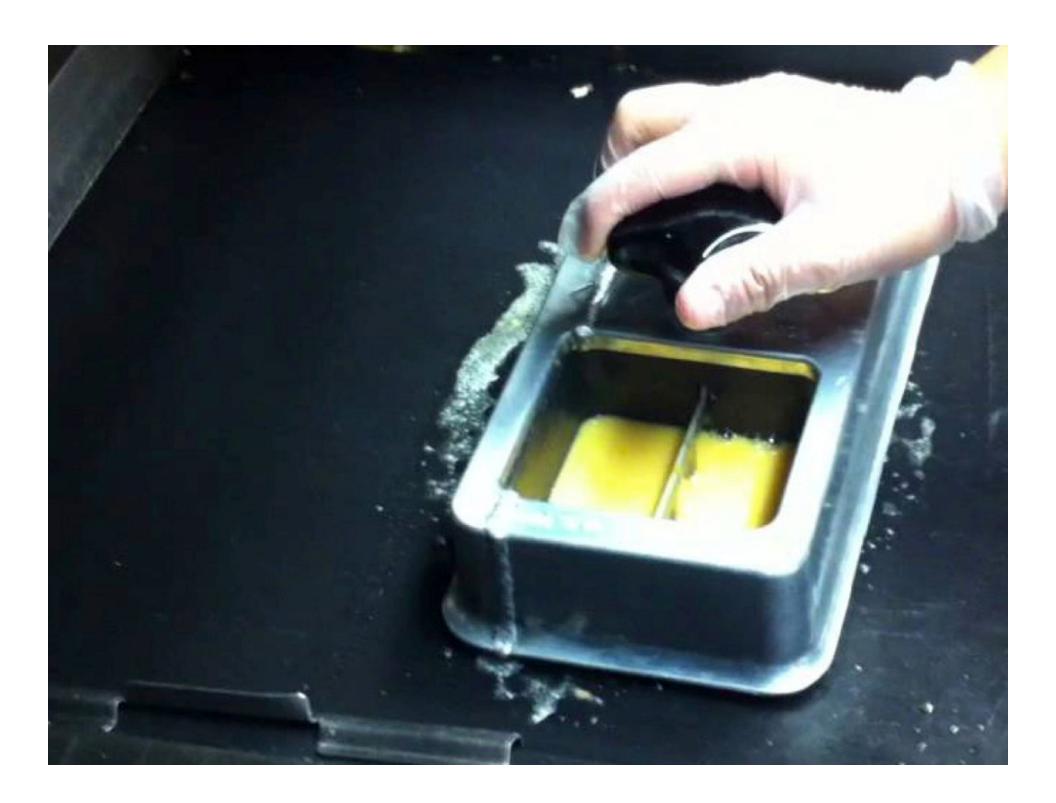
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OPERATIONS & MANAGEMENT

	LEED v4	LEED Pllot	Well v1	LBC 3.1	Fitwei v1
Ongoing IAQ Management	*	0	1	0	
Healthy Behavior Promotion		0			

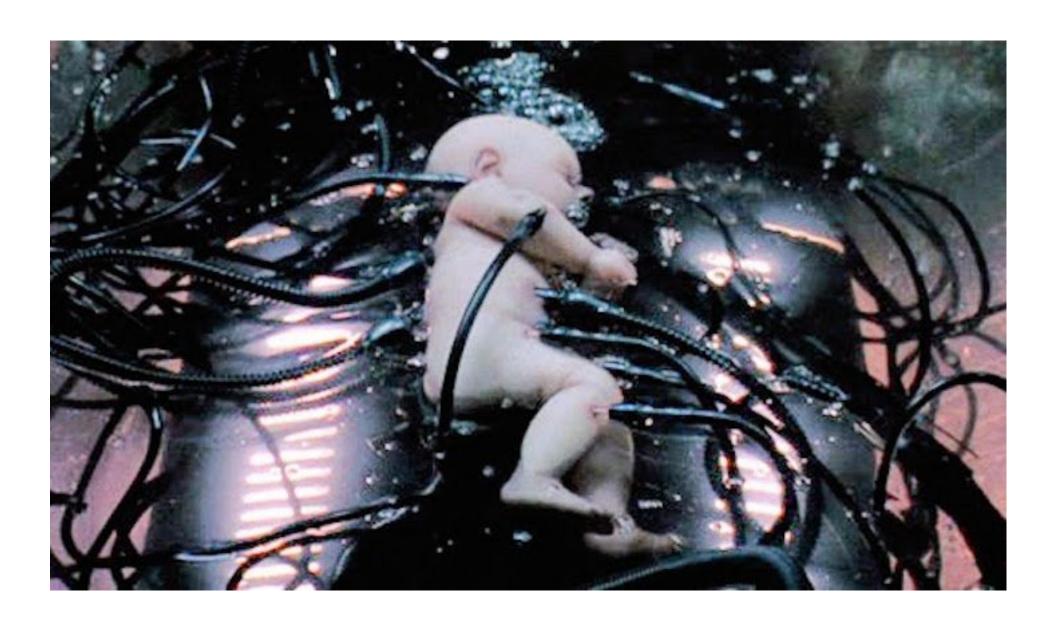


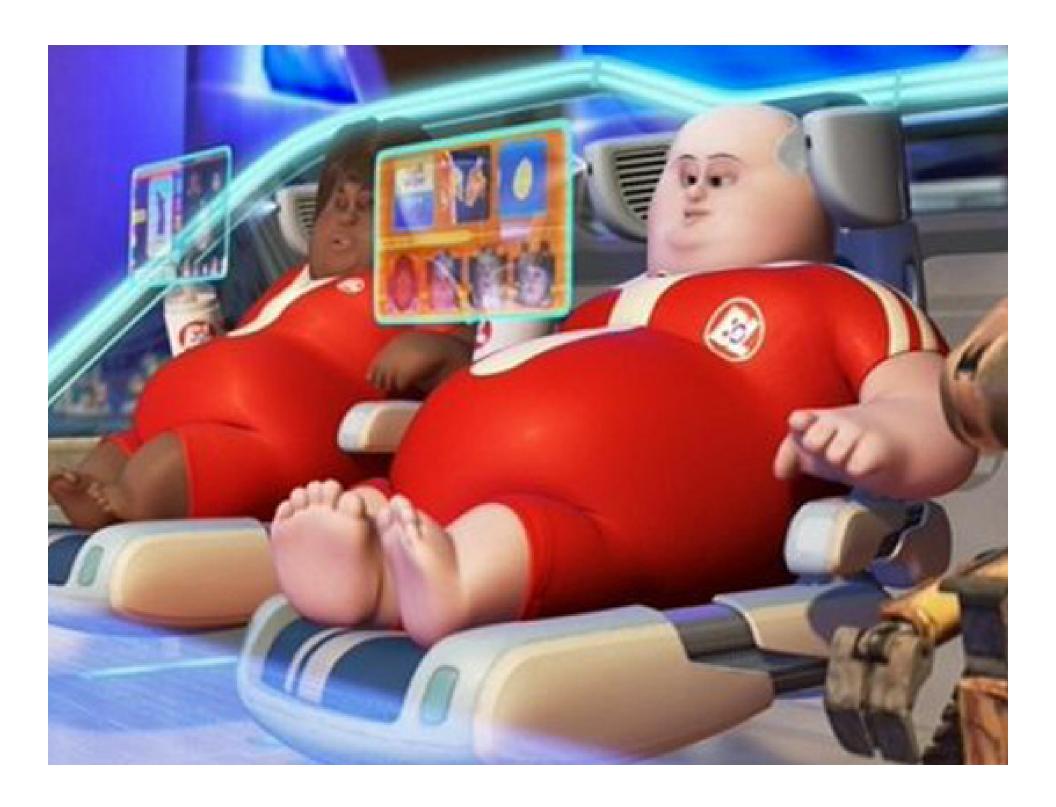




Why is the output of a human the metric of success in design?







Are we asking the right question?







Thank you! Questions, comments... tristan@buildinggreen.com