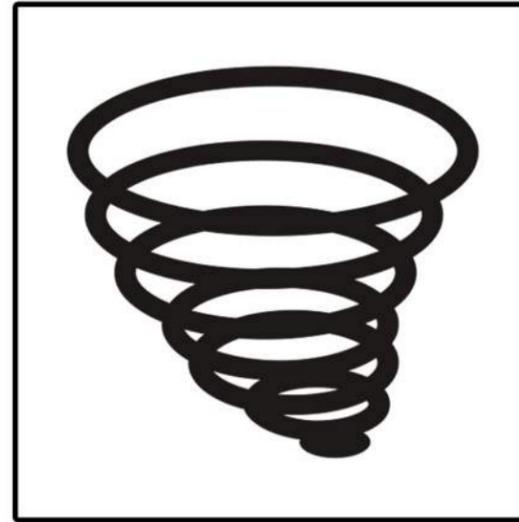
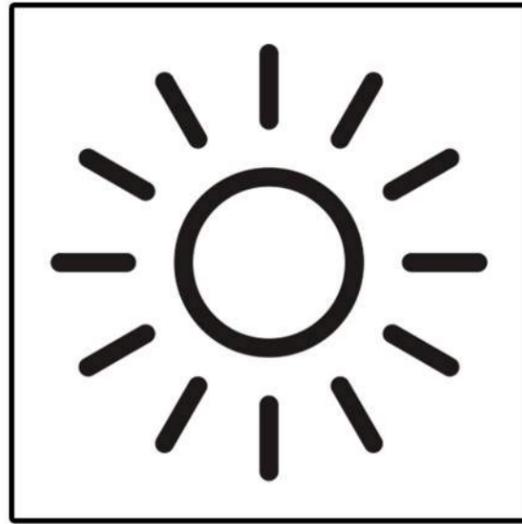




Golisano Institute of Sustainability

A Living Exhibit - Nature's Complement

Ryan, Zimo, Abhishek, Ling



Nature's Complement

- **Sustainable structures compliment and are complemented by nature.**
- **More wind, more sun, more energy.**
- **More building, is more plants, and more life.**

Welcome to GIS concept – Parking Lot Projector

Content – points of interest summary – go to KIOSK

Method – projection



KTOSK





Golisano Institute of Sustainability

[Sign up](#)

[Log in](#)

Log in

Email

Password

Enter

OR



Thumb Scan

Sign up to GIS

Your personal information

First name

Last name

Birthday

Gender

Email

Password

Re-enter password

Sign up

KIOSK User Interface



Scan your "Sustainability Key"

What's Sustainability Key?

Welcome, _____

You are a GIS member now.

- Check what's GIS
- Check building direction
- Check what's new today

Welcome back, _____

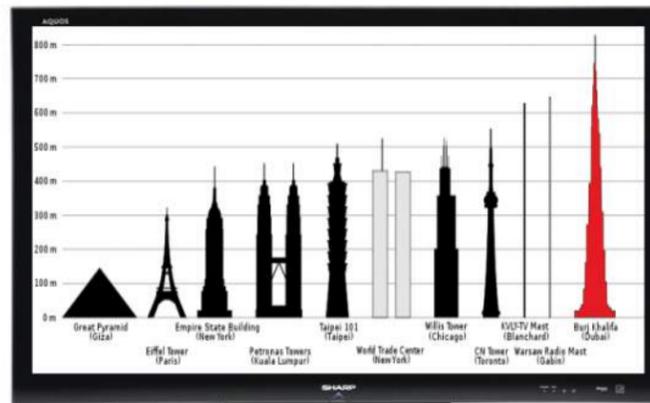
Your last visit was October 25, 3:00 PM.

- Check what's new since your last visit
- Check what I visited last time

Sustainability Key



- **Grab the key from KIOSK**
- **Keeps track of Green points (leader board)**
- **Key interacts with other sub-exhibits**



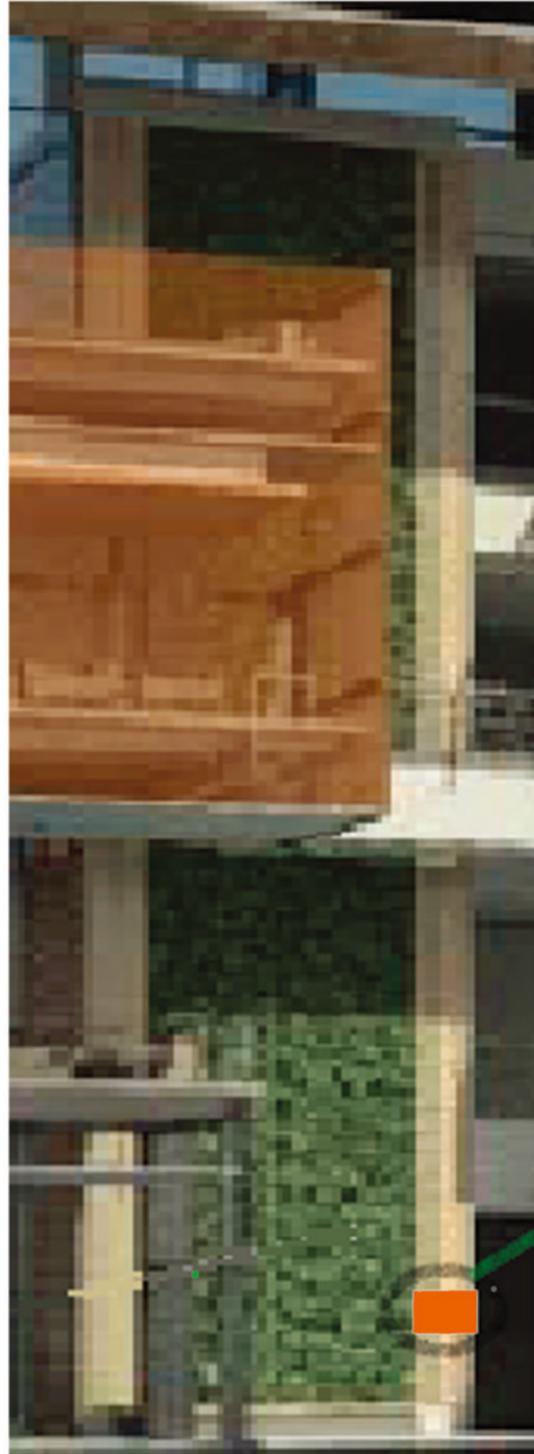
Video Wall

Information comparing various world famous buildings with the GIS building with regards to sustainability, power consumption, carbon footprint, etc.

Videos of various sustainable measures from across the world. Real life examples like the soda bottle light amongst others. Helps give the visitors a sense of real time application.

TED talks like the “Hedonistic Sustainability” by Bjarke Ingels, amongst other sustainability and green energy talks.

Helps to engage the people if the kiosk is crowded.



The Green Wall

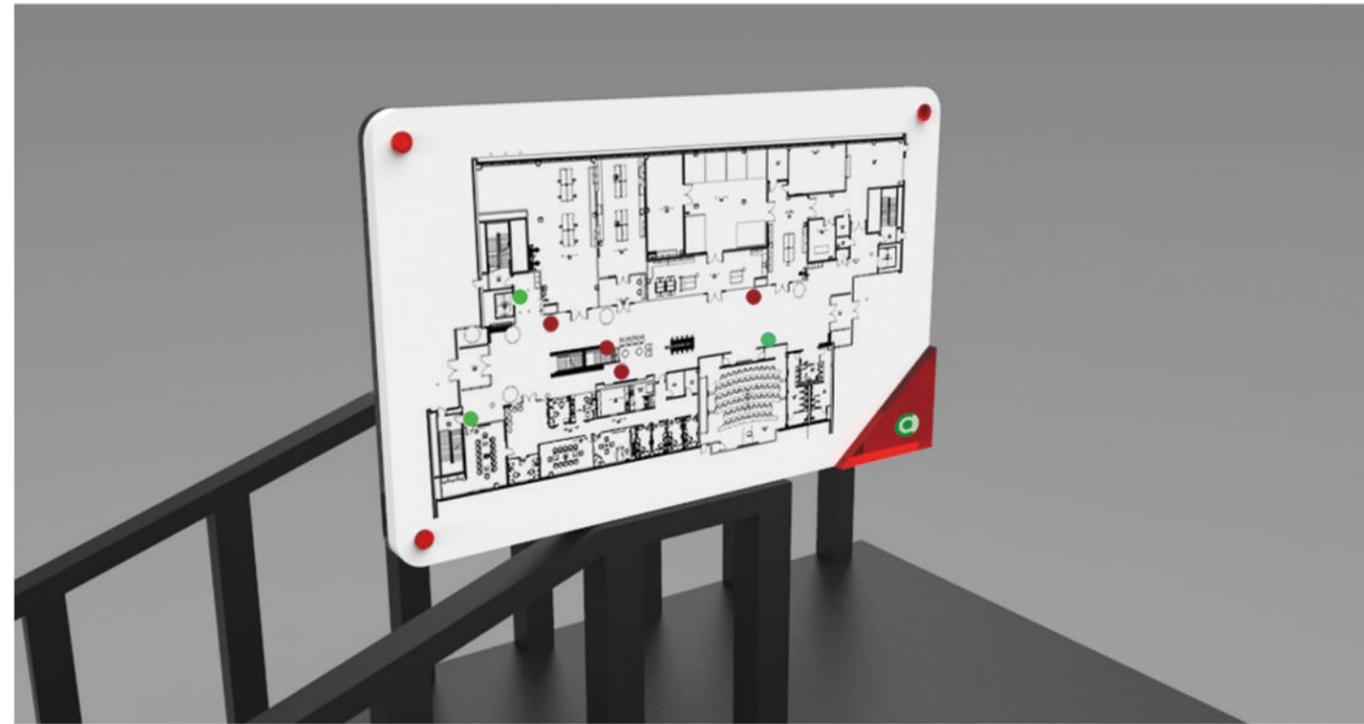
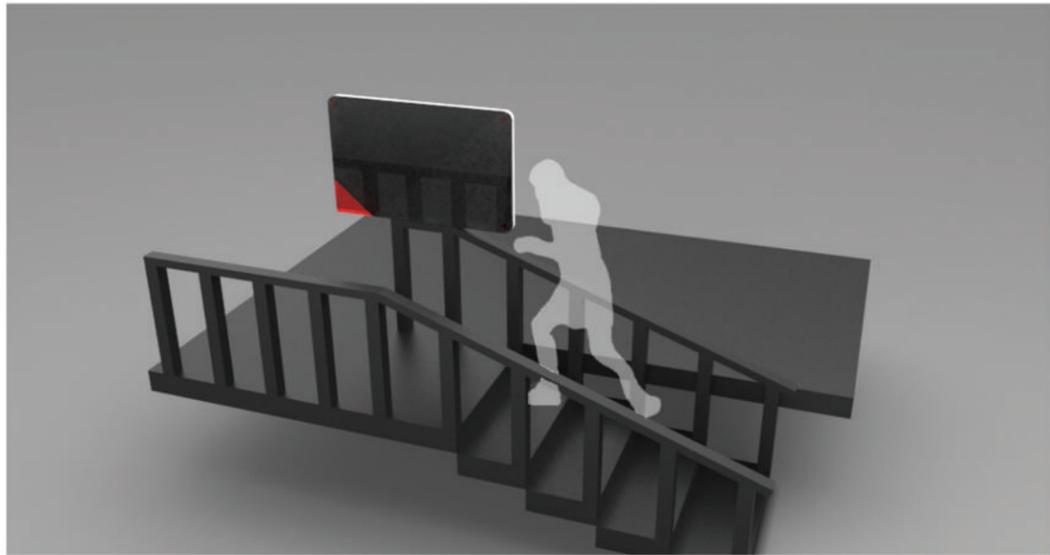
The Green Wall exhibit provides information that are visitor specific.

The exhibit understands certain data from the key swipe and provides user specific information, with regards to how tall the user is when compared to the Green Wall.

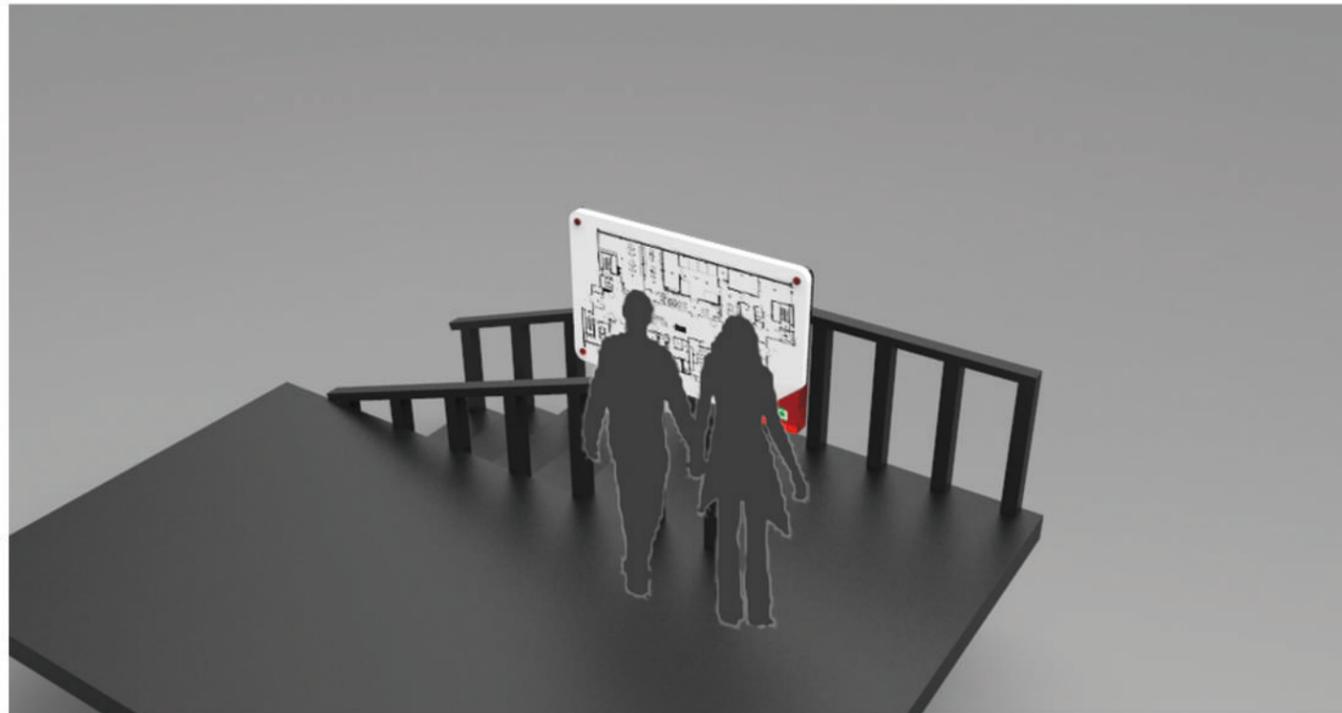


Please Scan
your "Sustainability Key"

In addition to this, it also provides data on the user's oxygen consumption and its own oxygen output. Also provides information on how it controls the humidity in the room



**Floor
Plan**



Floor direction

Laboratories - Interface Sample for iPad

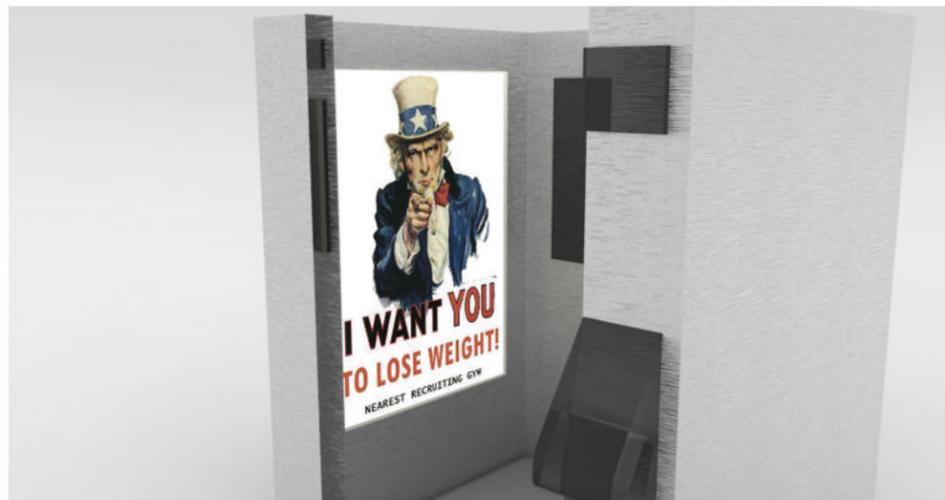
LABORATORY A

- **What are we working on?**
- **Leave your comments**

Elevator



Swipe your sustainability key to get extra information



How heavy?
How much energy it costs?

Fourth Floor Points of Interest

- **Green Roof**
- **Water Collection System**
- **Solar Panels**

Outside

Geothermal

Windows

Fuel Cell

Wind Turbines

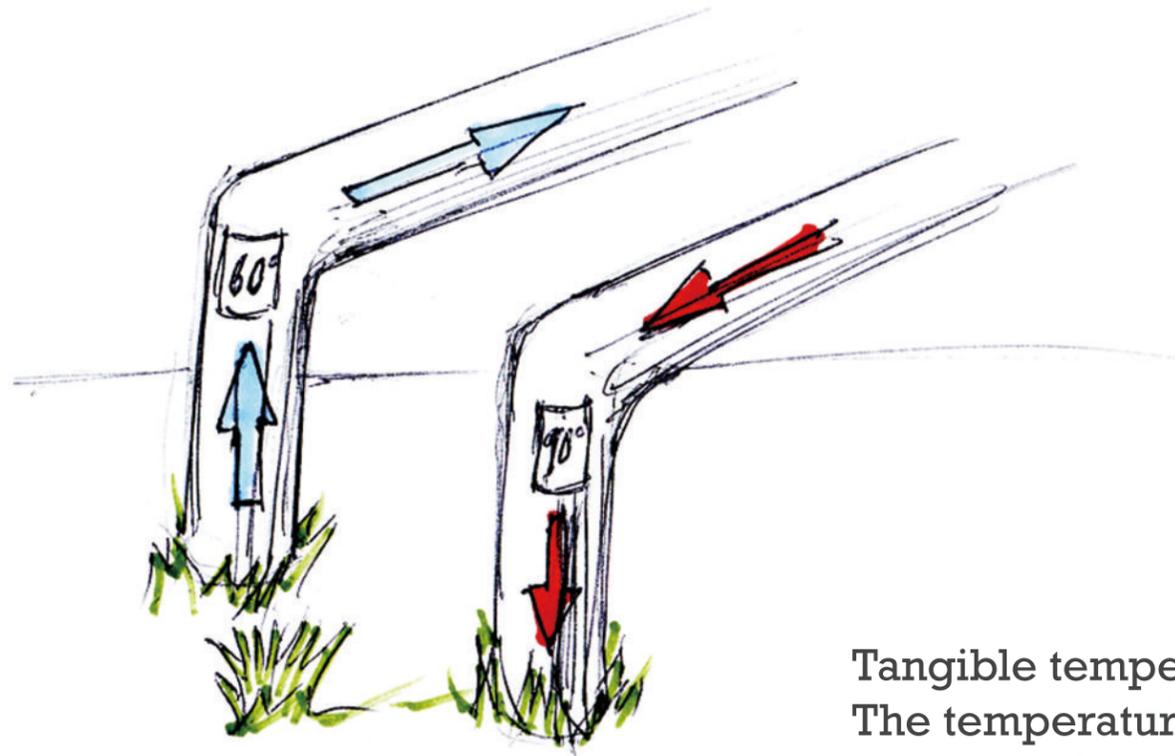
Outside

Geothermal

Windows

Fuel Cell

Wind Turbines



Tangible temperature difference
The temperature differences in nature mirror our needs

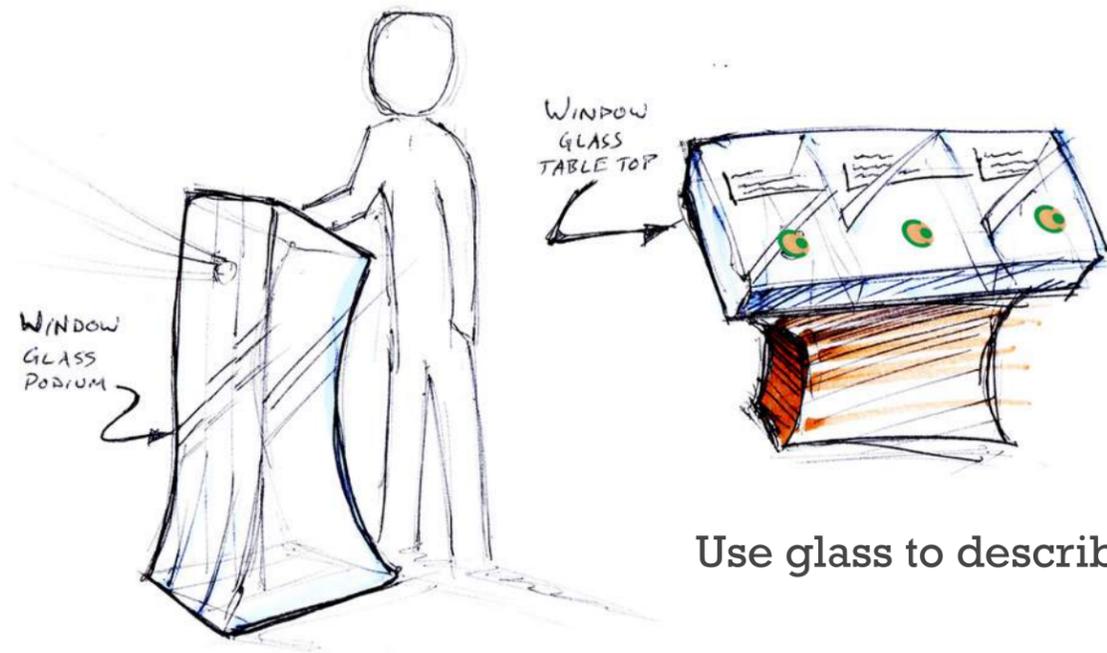
Outside

Geothermal

Windows

Fuel Cell

Wind Turbines



Use glass to describe glass



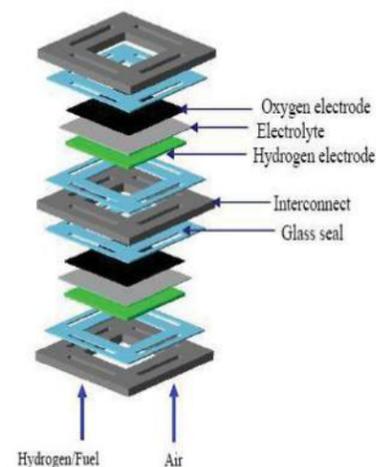
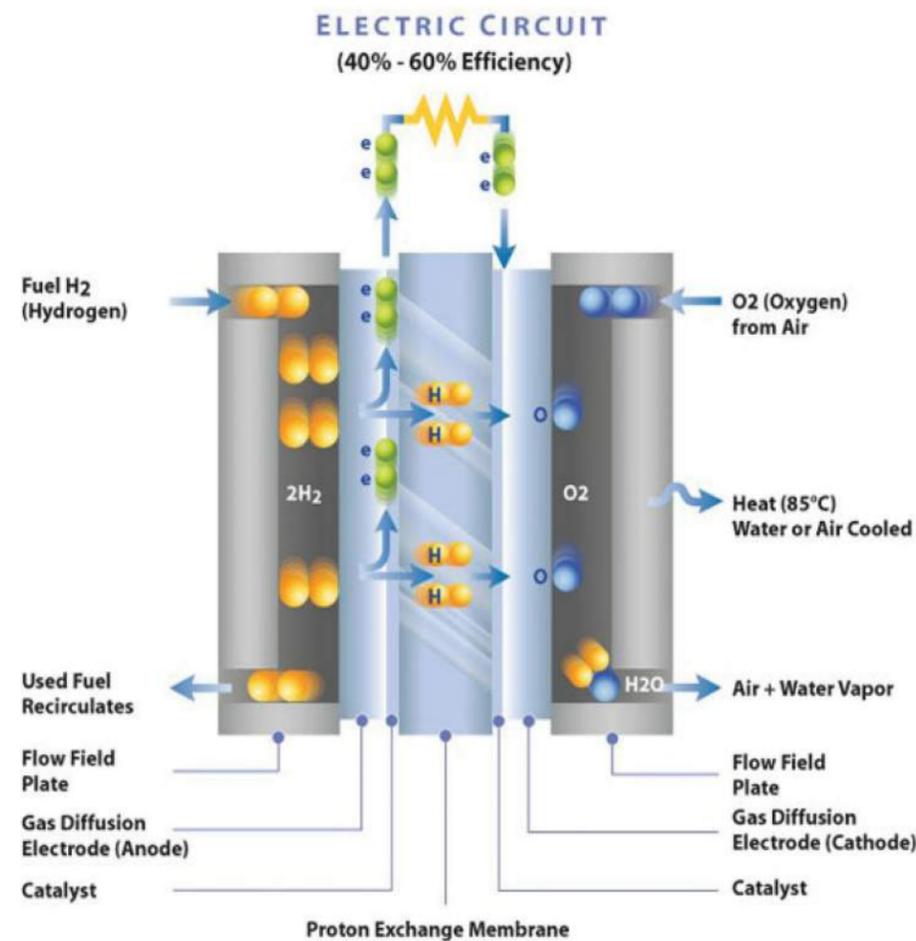
Point to what you are talking about

Outside

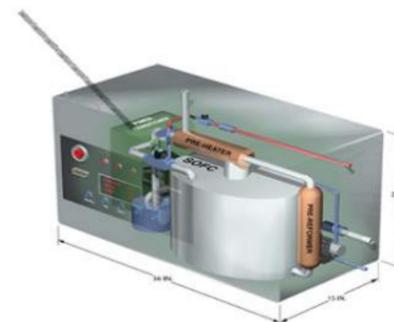
Geothermal

Windows

Fuel Cell Wind Turbines



Construction :
Graphic showing interior of a complete fuel cell and the construction of a single fuel cell.



FUEL CELL EXTERIOR WALL GRAPHICS

Principle :
Fuels have stored potential energy which is tapped using electro-chemical reactions to produce electricity. Common fuels used are Hydrogen and Natural gas.

Outside

Geothermal

Windows

Fuel Cell

Wind Turbines

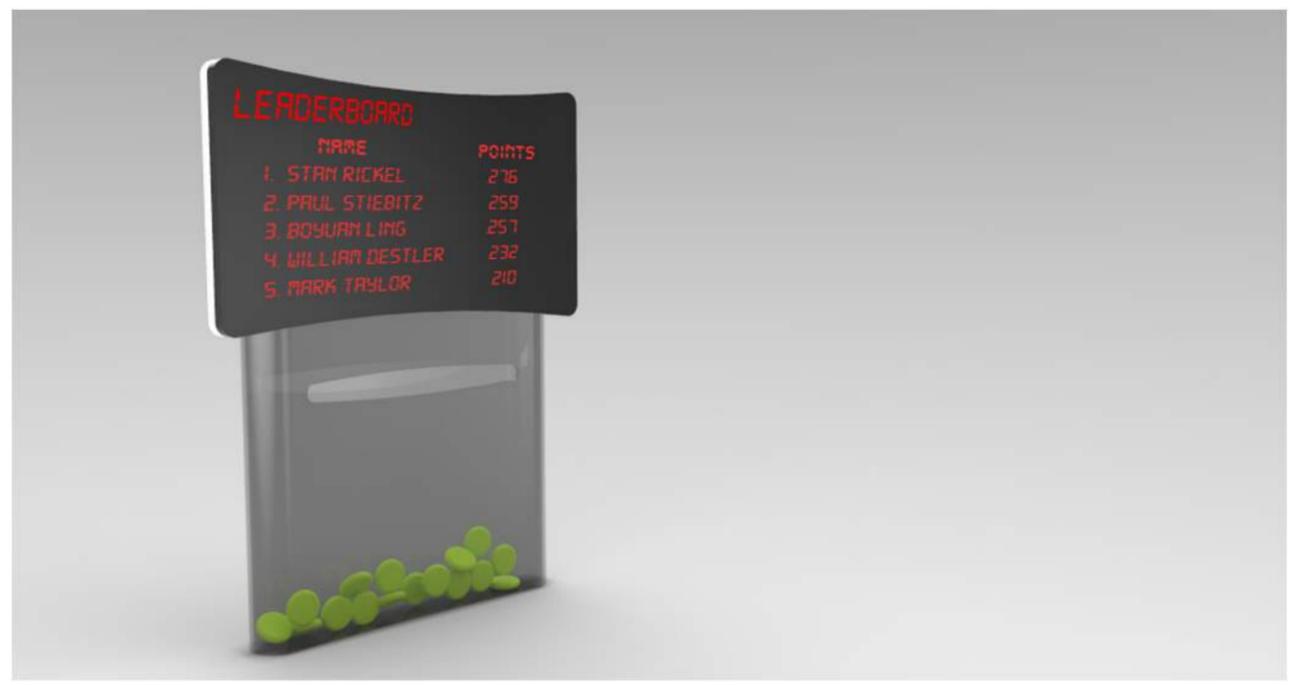


Put on a scale to show how the change in wind creates a change in energy output.

Let kids spin on it to supplement the energy from the wind. The light scale shows how much energy the child has added and gives a connection between the wind energy and the kinetic energy of the child and the work equivalent.



Exiting GIS



THANK YOU

