



HOW TO BEFRIEND YOUR ENVIRONMENT

Or WTF Is 'Green Building' And
a 'Flower Tower'?

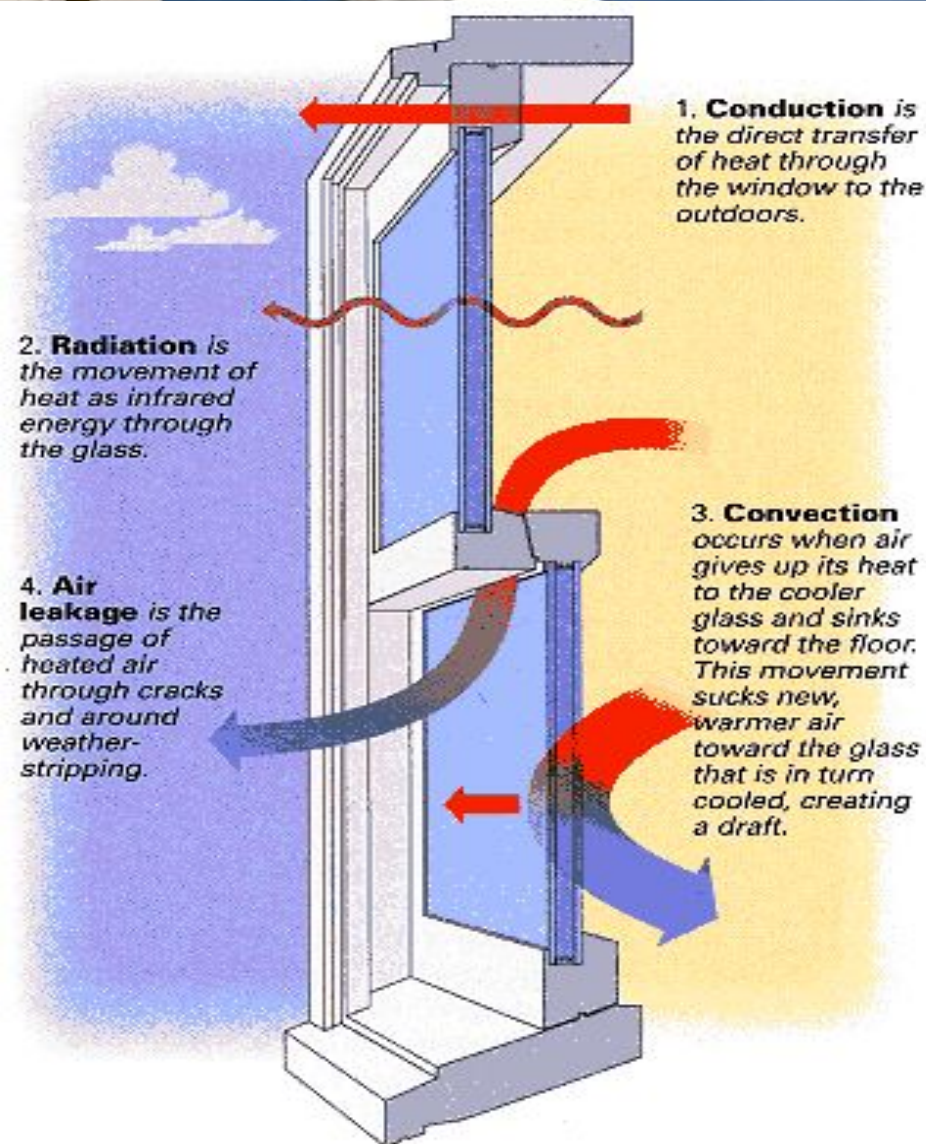
Step 1. Green Building



- Let high-tech mother you

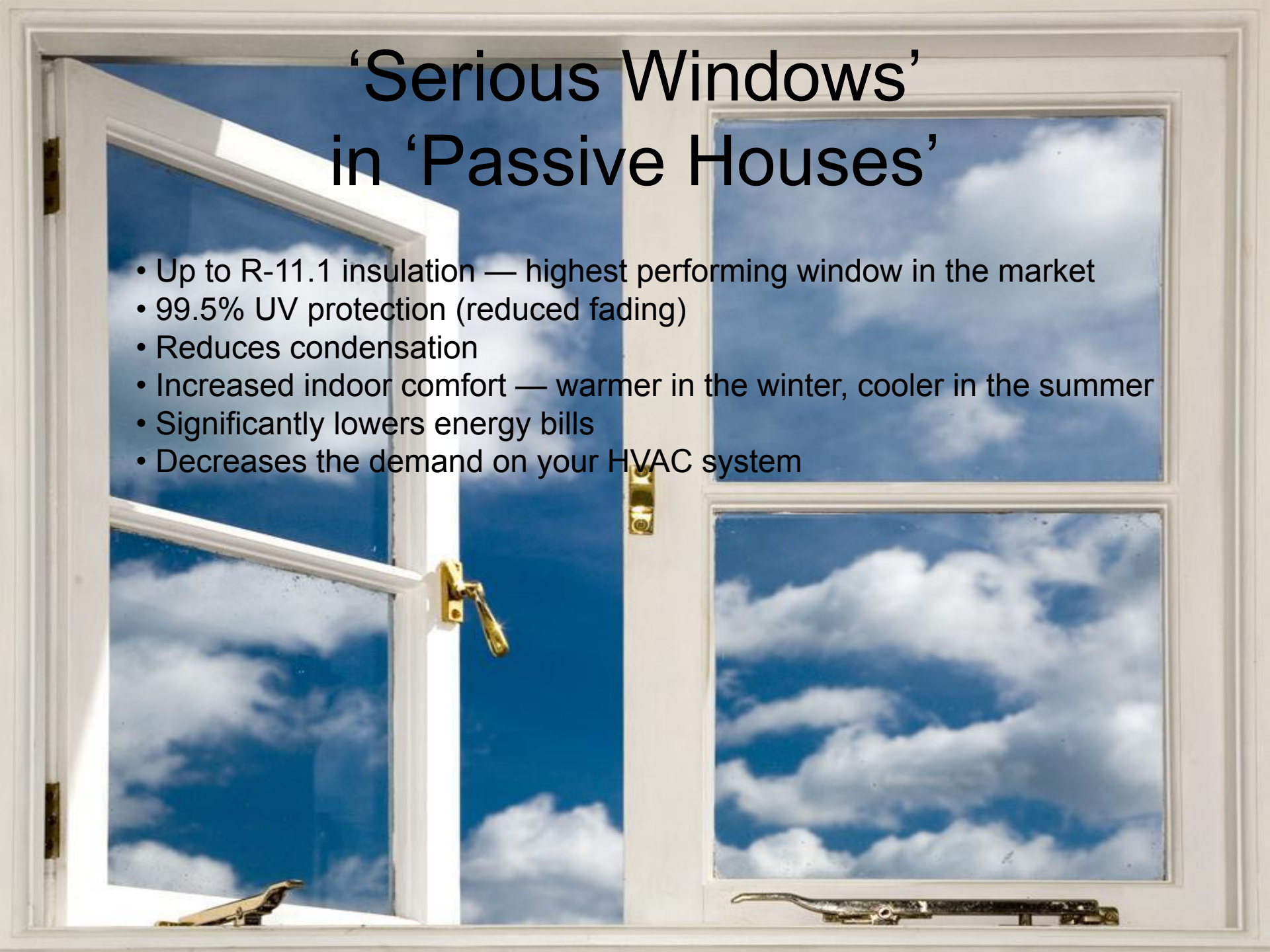
'Serious Windows'

- Windows lose heat in four ways. The rate at which a window loses heat through the combination of the four is called its U-value. It is the inverse of the R-value, so the lower the U-value, the greater the insulative value of the window.



‘Serious Windows’ in ‘Passive Houses’

- Up to R-11.1 insulation — highest performing window in the market
- 99.5% UV protection (reduced fading)
- Reduces condensation
- Increased indoor comfort — warmer in the winter, cooler in the summer
- Significantly lowers energy bills
- Decreases the demand on your HVAC system



Home Energy Monitor



Most people don't know how much electricity they use or how much each appliance costs to run each month.

The utility bill doesn't break it down. All you see is a total cost along with lots of other hard to read figures.



Solar Hot Water

- Solar energy is an unlimited resource.
- Solar energy does not produce harmful emissions or require transportation or pipelines like electric energy, natural gas, or other fossil fuel energy sources.
- Solar water heating systems installed in the U.S. help reduce our household energy consumption, and the nation's reliance on toxic fossil fuels.
 - Solar water heating systems will work anywhere in the U.S., not just sunny states.

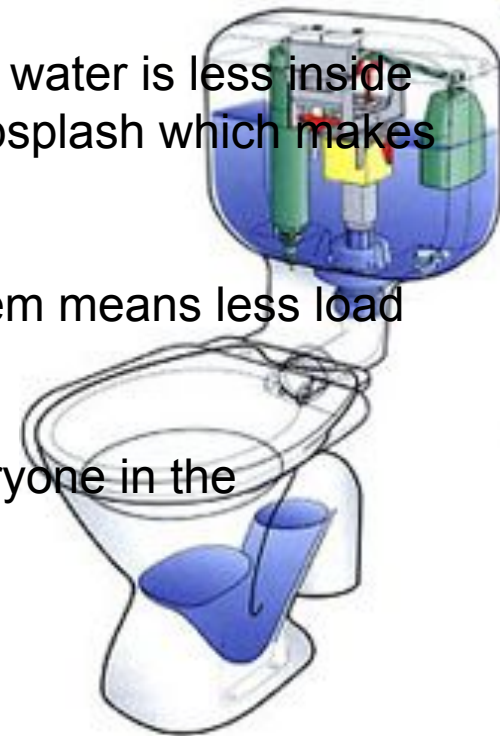
Solar Hot Water: How It Works

1. Sun heats up liquid inside collectors.
2. Controller pumps hot liquid to the water tank.
3. Hot liquid heats up water inside the tank.
4. Hot water is available for household use.



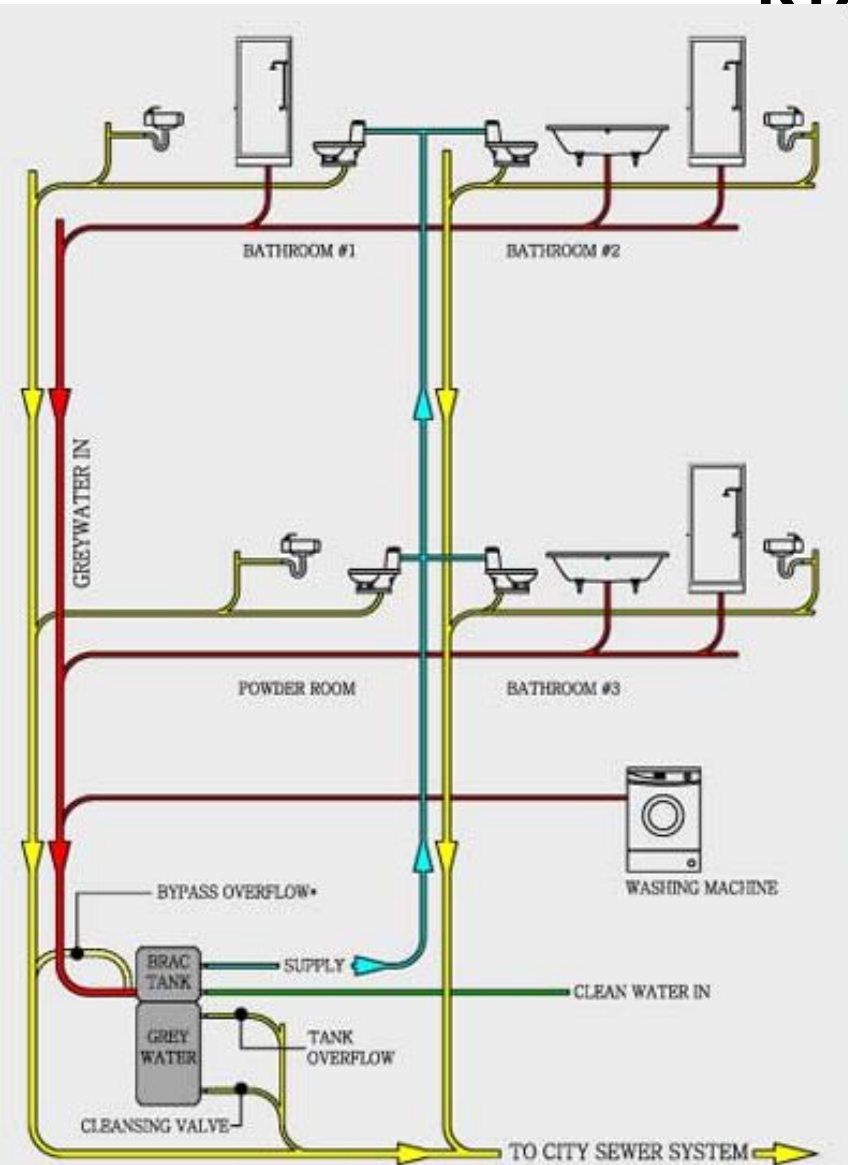
A Watersaving Loo?

- Save on water AND sewer costs. 1.6/.8 gallon dual flush system, compared with the conventional 1.6 gallon single flush toilet, can save almost 67% more water.
- Say goodbye to the plumber! 4-inch trap (almost double the size of most conventional toilets) virtually eliminates blockages. Kids and lots of guests are no problem now.
- More-sanitary--virtually no upsplash. Because the amount of water is less inside the bowl and further away from you, there is less chance of upsplash which makes for a more pleasant and sanitary experience.
- Reduced load on your waste system. Less water in the system means less load on the city sewers or your personal septic tank.
- Good for the environment. Saving water is important for everyone in the community as resources dwindle in many part of the world.



Sod Greywater to Hades?

No way.



What if there were a way some of our water could be used twice?

Let's look at some figures:
Approximately two third of our water is being used to shower, bathe and do the laundry, while another third is being used to flush the toilet.

‘Quality Construction’ Equals to ‘Green Construction’

Step 2. The Age of
‘Flower Towers’




Haim Dotan's *Solar Flower Tower*

- "The solar tower was conceptualized as a flower in the desert, symbolizing harmony and balance with nature. It incorporates elements of art, sculpture, architecture and soul"



Haim Dotan's *Solar Flower Tower*

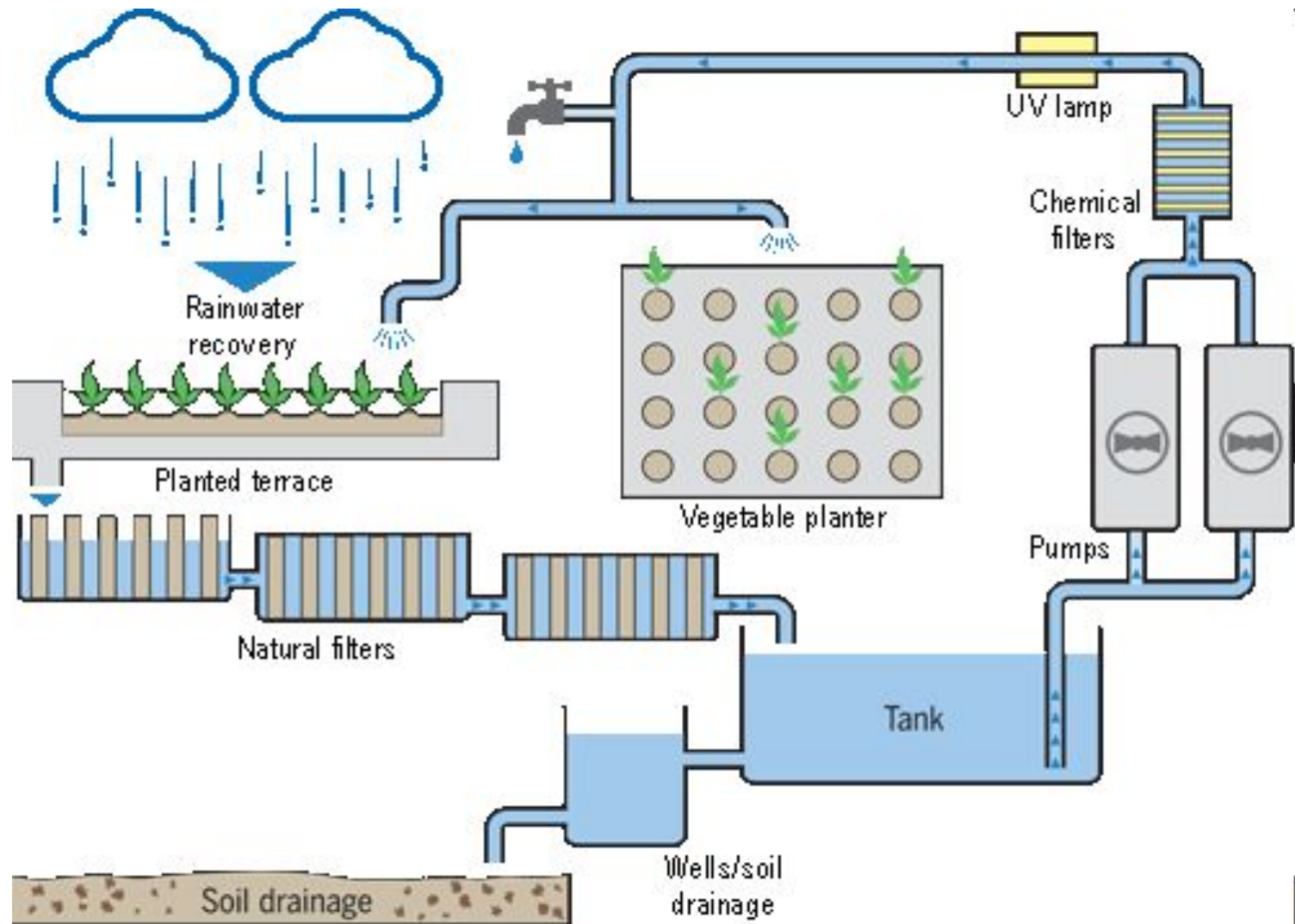
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- A tall, yellow, tulip-shaped solar tower stands in a desert landscape. The tower has a long, slender stem and a bulbous, tulip-like head. In the background, there are rugged, brown mountains under a clear blue sky. The foreground is a flat, sandy area with some industrial equipment and structures.
- 30 tracking mirrors
 - 30-metre high solar tower:
 - 24-metre structural column and a 6-metre, two level mechanical space
 - Plus a special solar receiver and a 100kw gas turbine



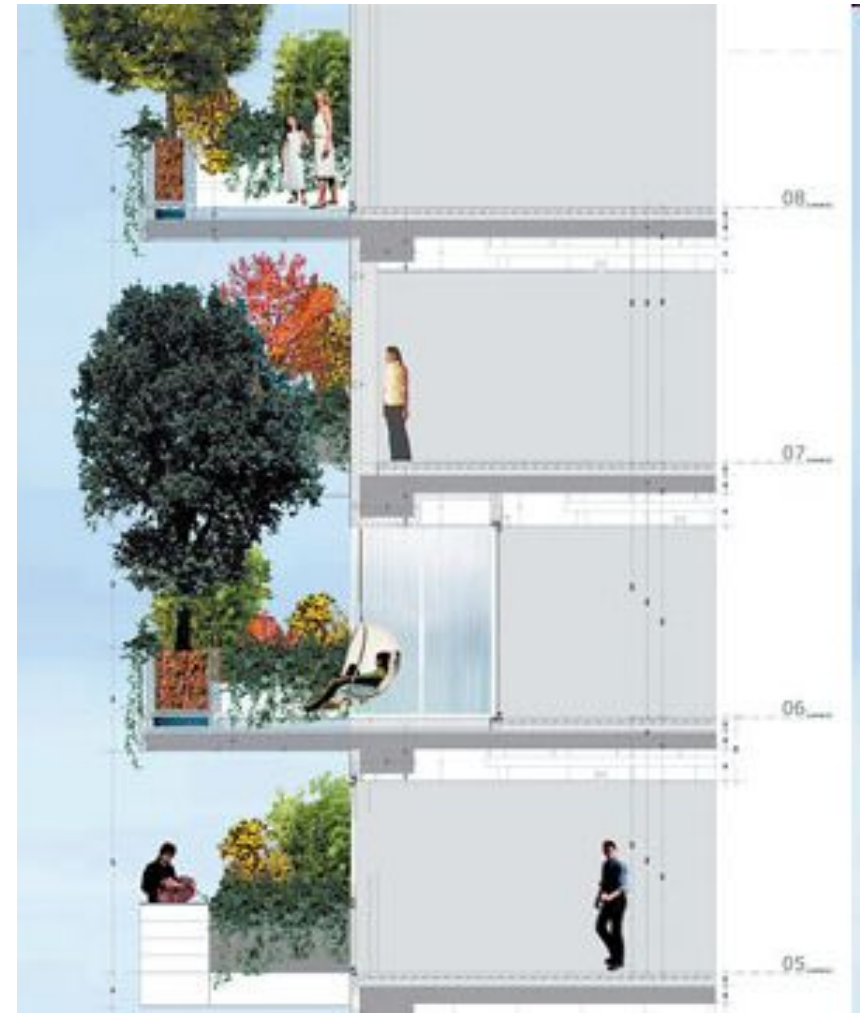
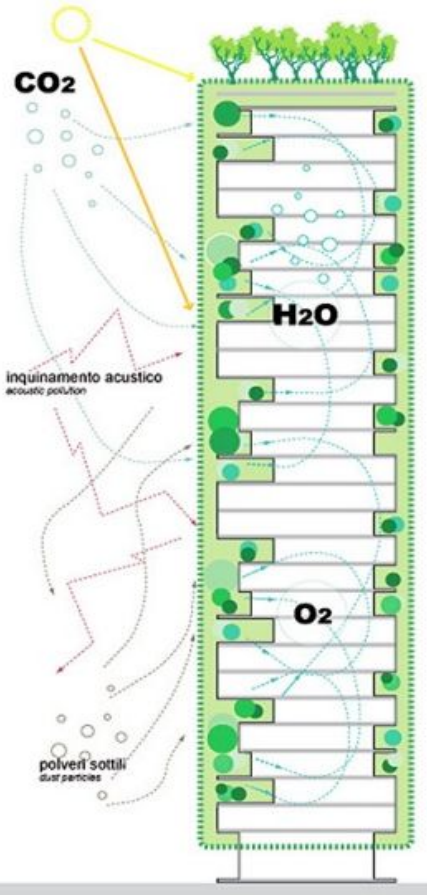
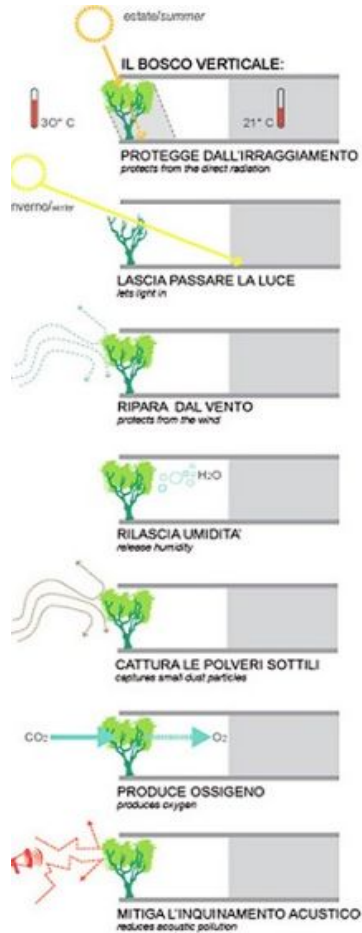
Bosco Verticale by Stefano Boeri

- Meet *Bosco Verticale* (“Vertical Forest”), two similarly green-skinned apartment towers under construction in Milan that blow the Flower Tower right out of the water ... or soil, rather.
- 50,000 sq m of urban-sprawl land
- 10,000 sq m of woodland

How Might It Work?



How Might It Work



Greenhouse Or a Green House?



- Wanna some – get some.