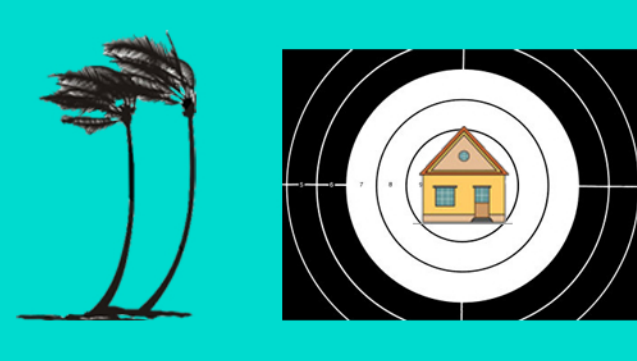


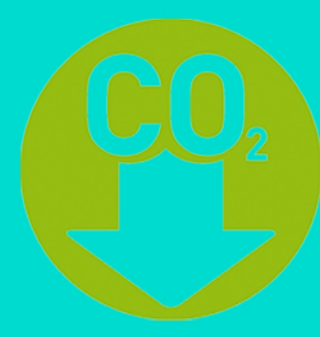
# THE DANDELION EFFECT: A CO<sub>2</sub> PENHAGEN FERRIS WHEEL



Like a child, the wind blows the dandelion (filtered air) far away from where it came from.



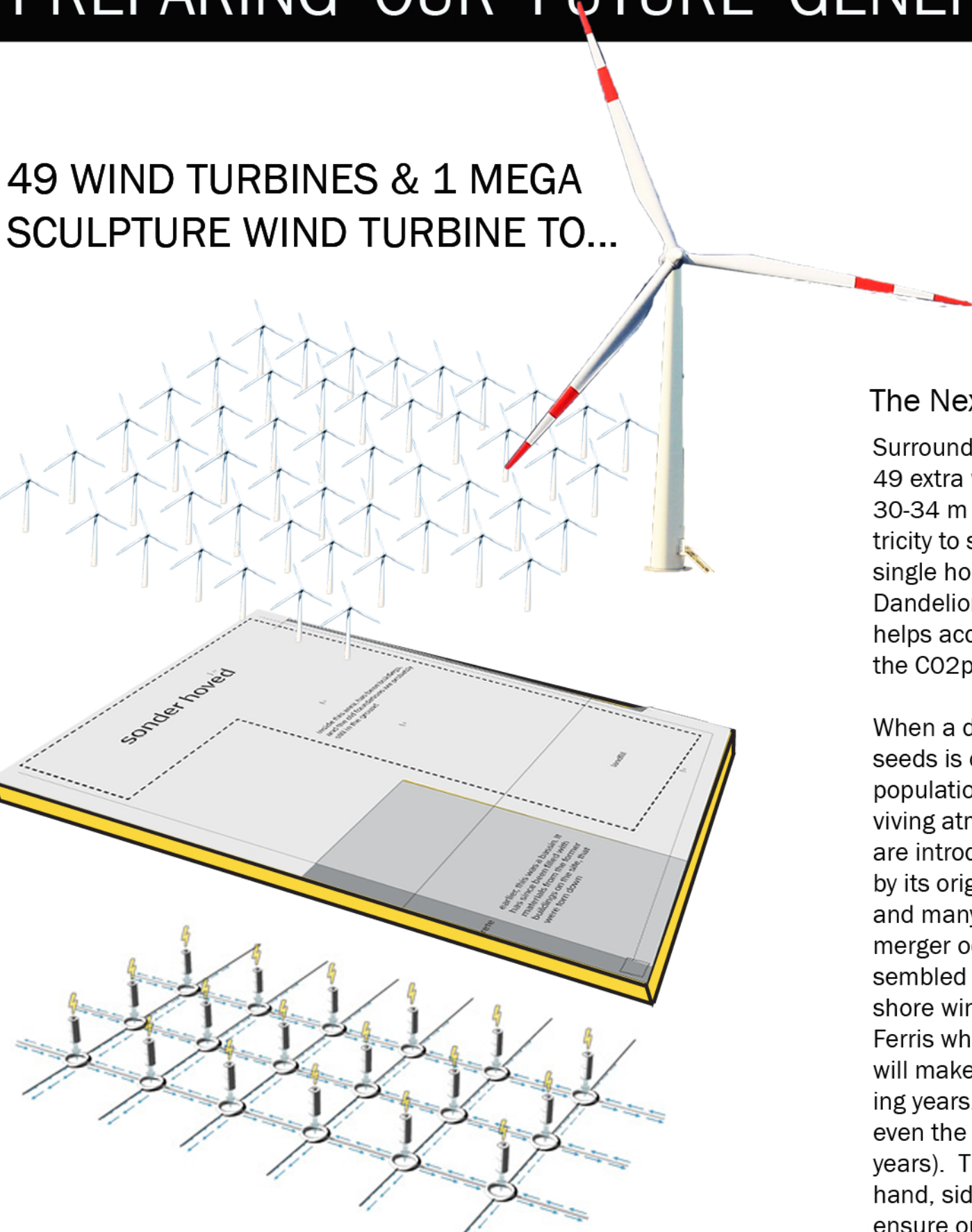
The wind takes the dandelion to a journey (where it transforms into h<sub>2</sub>O) to places near & far.



CO<sub>2</sub> equalizes with h<sub>2</sub>O & cleans the air.

## PREPARING OUR FUTURE GENERATIONS - for -

49 WIND TURBINES & 1 MEGA SCULPTURE WIND TURBINE TO...



# THE

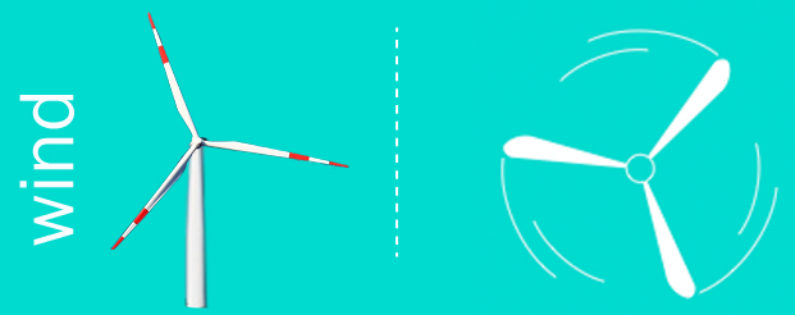
next  
50  
years

### The Next 50 Years: The Dandelion in Bloom

Surrounding The Co2penhagen Ferris Wheel, are 49 extra wind turbines, with heights ranging from 30-34 m each, all able to produce enough electricity to supply the average household of one single home. This metaphor is reminiscent in "The Dandelion Effect," as each and every wind turbine helps accelerate the flow of the filtered air from the CO2penhagen Ferris Wheel into nature.

When a dandelion is blown, the population of its seeds is distributed by the wind and force. A new population of dandelions form and splits into surviving atmospheres. The new dandelion seeds are introduced to new environments, surrounded by its original dandelion. This in turn, causes two and many more new dandelions to form. Some merger occurs, allowing the dandelion to be reassembled to a new one. The 49 onshore and off-shore wind turbines, along with the rotation of the Ferris wheel in synchronicity of the giant Air Filter, will make the new site more prevalent in upcoming years. Of course, this is not enough to outlive even the life of the Wind Turbines itself (20 to 25 years). The Dandelion Effect occurring hand in hand, side by side with the mega sculpture will ensure our future generations will live a cleaner life in the next 50 years to help power Copenhagen and perhaps shift a paradigm shift in the current state of the once historical dock and land located across the Little Mermaid.

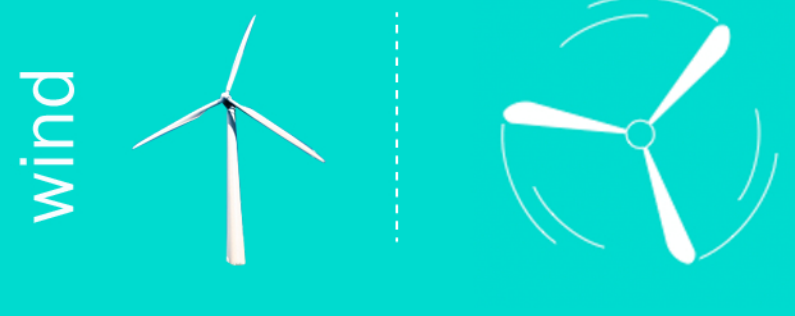
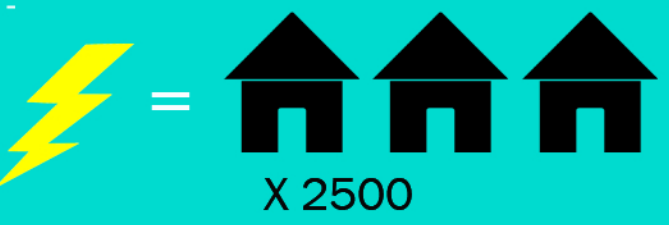
Generated energy is continuously shared between the Co2penhagen Ferris Wheel, the 32 wind turbines on the solar field, & the remaining 17 on the waterfront shore. All Wind Turbines are connected by the transportation grid. Excess energy can be stored in each wind turbine and can be used as energy source whenever & wherever necessary through the network system.



CONVERSION EFFICIENCY = ENERGY OUTPUT 6MW/ ENERGY INPUT 7.6 MW =

ONE GIANT MEGA SCULPTURE, HIGH ALTITUDE WIND POWER, (HAWP) ONSHORE

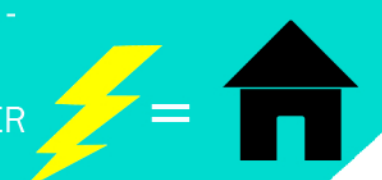
ROTOR DIAMETER, 126 M GENERATES: 7.58 MEGAWATT OF POWER



CONVERSION EFFICIENCY = ENERGY OUTPUT 10KW/ ENERGY INPUT 14KW =

HORIZONTAL AXIS WIND TURBINE: -32 HORIZONTAL AXIS WIND TURBINE, (HAWT) ONSHORE -17 HORIZONTAL AXIS WIND TURBINE, OFFSHORE

ROTOR DIAMETER, 30-34 M GENERATES: 10 KW OF POWER (1 AVERAGE HOUSEHOLD)



RECREATIONAL OPPORTUNITY



ECOLOGICAL APPROACH



GLOBAL CONSIDERATION



SOCIAL EQUITY



ECONOMIC OPPORTUNITY



ENERGY CONSERVATION

