



CHANGE Energy Technologies Inc.

Renewable & Sustainable Energy Solutions

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Who We Are...??

..we are a new Start Up company, founded in 2020, that focuses on creating new Renewable & Sustainable Energy Solutions to help decarbonize today's & future's buildings, vehicles and roads..



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Renewable & Sustainable Energy Solutions

..since we were founded, we were recognized and supported by different national and private organizations, like NSF & Auto Desk

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What we do..?

..as a new company founded by a group of ambitious engineers from different engineering specialities, we all shared the passion towards Environment, and that what motivated and still do motivate us to work all together on creating a new Clean Energy solutions that can help decarbonize many things in today's and future's people life...



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..on the top of our company policies is how to bring Clean Energy solutions to everyone daily life.

By making Clean Energy a way of life we believe that we, all together, can CHANGE the world we live in to a better place

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The Problem

... with buildings being responsible for consuming more than 40% of the total energy amount that been produced nowadays, and vehicles being behind the biggest amount of carbon dioxide in the air people breathing in today's life, it is known now that decarbonizing today's and future's buildings and vehicles could be the best solution for today's and tomorrow's environmental and health problems.



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Current solutions's main issues..

expensive to build up,
needs huge space,



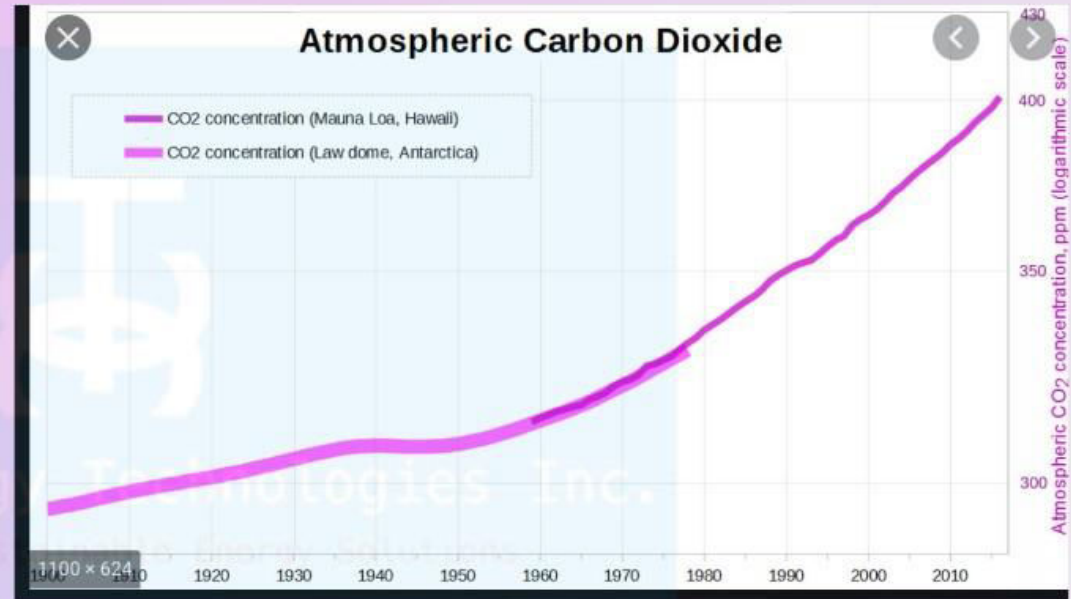
difficult and costly to maintain,
has it's negative impact on the wild life,

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Solutions are not enough !!

...many Clean Energy solutions had been presented in the past few decades, but the Energy issue is been growing up all over the world and the Global warming issue is escalating..



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..the current clean energy solutions are expensive and had many disadvantages that slowing down the global dependency on those clean energy solutions

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Outdated Clean Energy Solutions...!!

..in CHANGE Energy Technologies, we believe that the current designs and methods of the Clean Energy solutions are OUTDATED and it is time to update it



..roof mounted solar panels is an outdated solution for home owners, it is time to CHANGE that..



..wind does not always blow fast enough to keep wind mills fans running fast enough..

How Much Wind Does a Wind Turbine Need ...

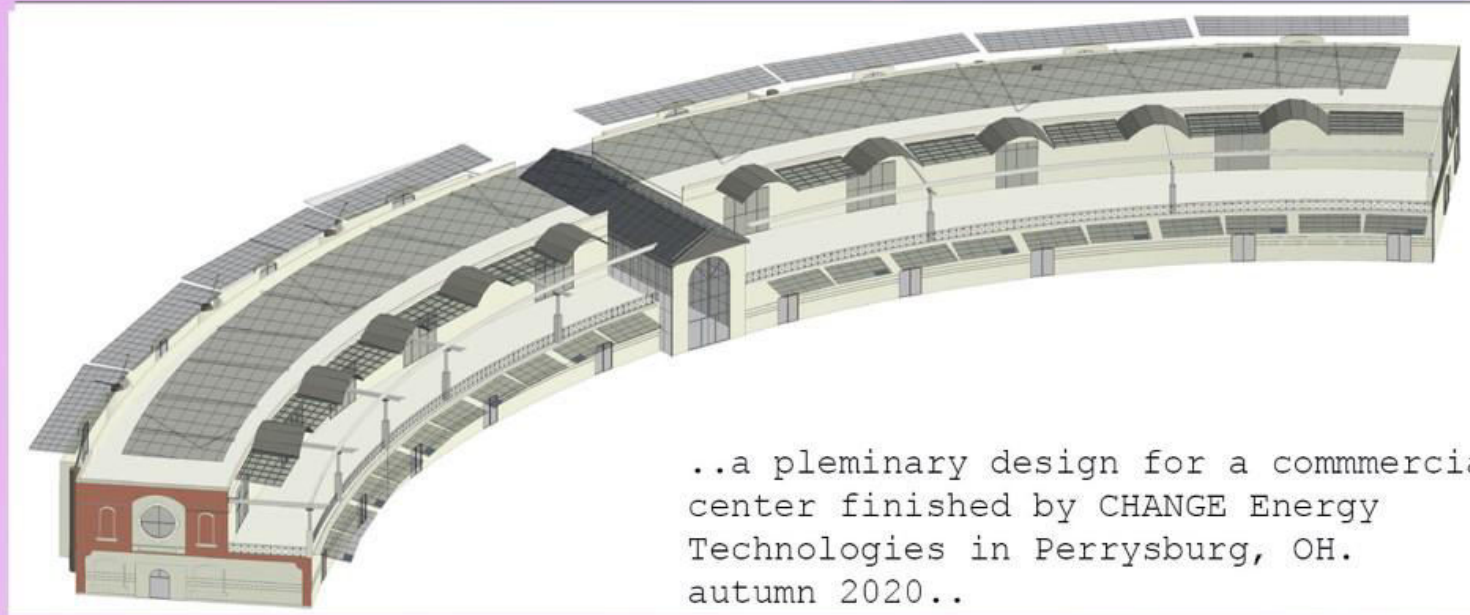
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Customize Buildings Designs ..

..customizing buildings designs and solar panels sizes can open the door for a great resource of Solar Energy that will surely CHANGE the future of Clean Energy forever..

..yet, another example of customizing buildings design to maximize the total available area of Solar panels with a unique decorative design..



..a preliminary design for a commercial center finished by CHANGE Energy Technologies in Perrysburg, OH. autumn 2020..

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Solar Energy for Everyone..

VS



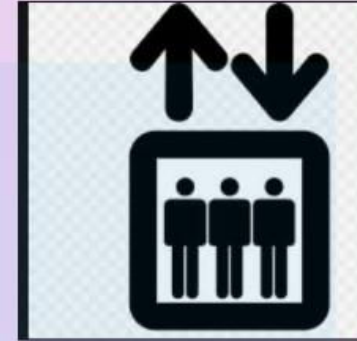
..yet another example from CHANGE Energy Technologies Inc on how to replace the outdated methods of Solar Energy solutions in our buildings with a better & smarter solutions that can help make Solar Energy more affordable for everyone and easier than ever before to install and maintain..

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G2G...
from Gravity
to Grid...!!!



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..elevators were always a good transportation way to move people vertically in buildings, it is time to make it a good resource of Clean Energy by releasing and restoring the Energy that happens when it moves up and down..

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Think Smart
not Hard...!!



..thinking out the box is
the best way to solve some
of today's Clean Energy
problems..

VS

..wind mills vs mantis shrimp
sounds weird, but that is
an example of how we think
about solving today's energy
problems...
by studying the mechanism
that this small creature
developed to shoot and break
the shell body, we at CHANGE
Energy Technologies are
developing the next generation
of wind mills that will not
need wind to keep it's blades
moving...!!

The peacock mantis shrimp stores energy within dense muscle like a bow that is pulled and then released, causing its club to pop out and knock the target. This happens 50 times faster than the blink of an eye - so swift that the club packs a second punch from a phenomenon called cavitation.

"The water gets squeezed out of the way and literally boils," Caldwell said. "In a millisecond or so, the bubbles collapse, forming a shock wave that helps to fracture and destroy the target."



▲ They don't call them 'thumb-splitters' for nothing ... a peacock mantis shrimp. Photograph: Steve Jones/Stocktrek Images/Corbis

photoe and text from
The Guardian.com

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Clean Energy from Roads...!!

..by using almost the same technique that mantis shrimp uses, we can create millions of wind turbine units by the highways that use the vehicles movement to blow up the air needed to move those wind fans and generate clean energy.



..the U.S full with great highways that can play an essential role in CleanEnergy issue...!!



..at CHANGE Energy Technologies, we are working on a potential project to create the next generation of Clean Energy from the Vehicles move on the highways..

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Decarbonize Gas Stations..!!



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..using the new idea we developed at CHANGE Energy Technologies by studying mantis shrimp special techniques had encouraged us to design the future generation of EV recharging stations that will run 100% on a Zero Emission resources of power...

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