



SEMANA DE LA INGENIERÍA 2017

Construyendo una nueva identidad

DEL 6 AL 8 DE JUNIO





Energía y Abundancia: Efecto Dominó Panel: La Revolución Energética

@leonardovalente

7-6-17

The background features a vibrant red-to-orange gradient with several thick, wavy, concentric lines that create a sense of motion and depth, resembling stylized energy waves or a sunburst pattern.

El Futuro de la Energía o el Origen de la Abundancia



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NEW YORK TIMES BESTSELLER

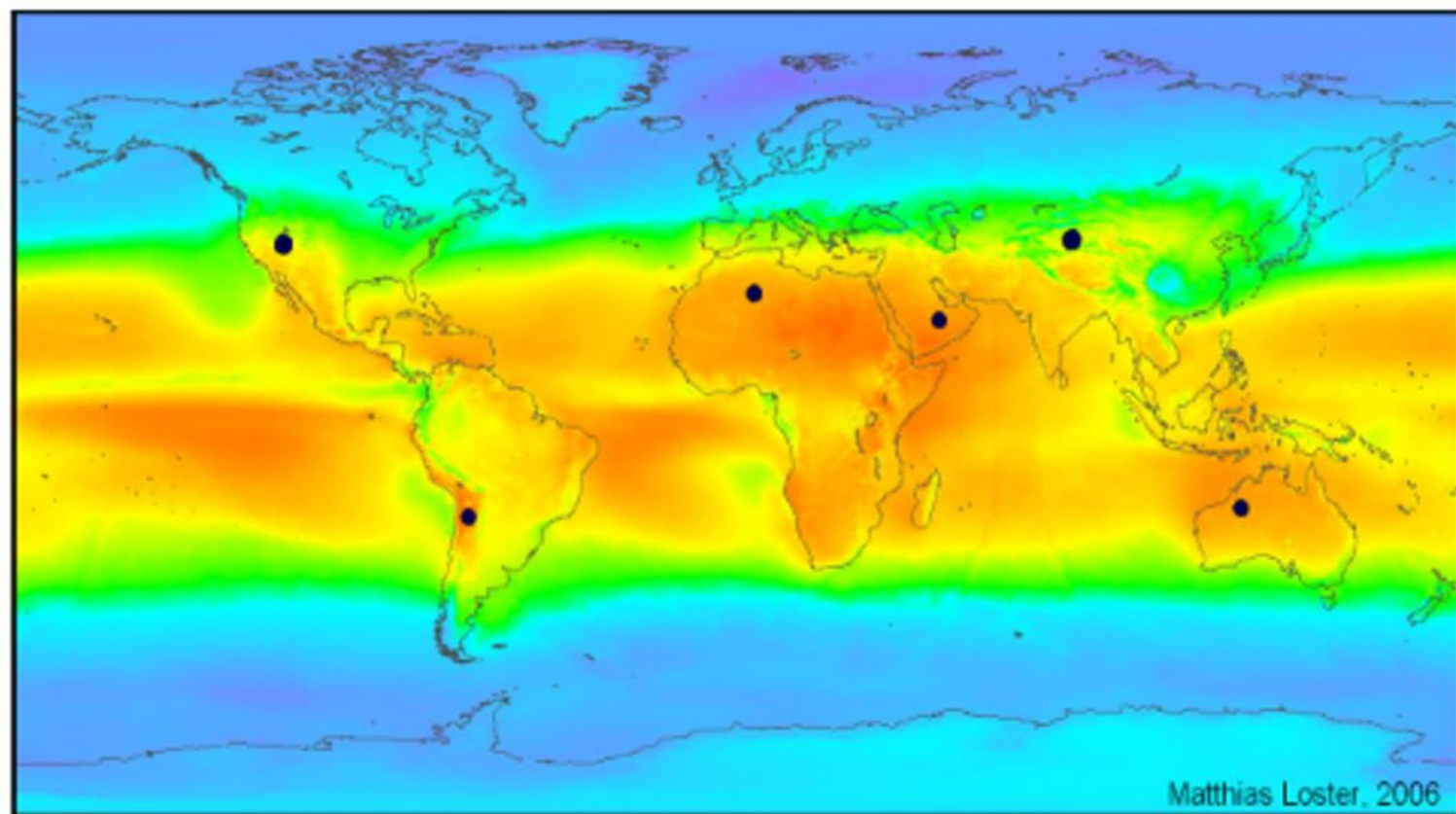
Abundance

THE FUTURE IS
BETTER THAN YOU THINK

PETER H. DIAMANDIS • STEVEN KOTLER



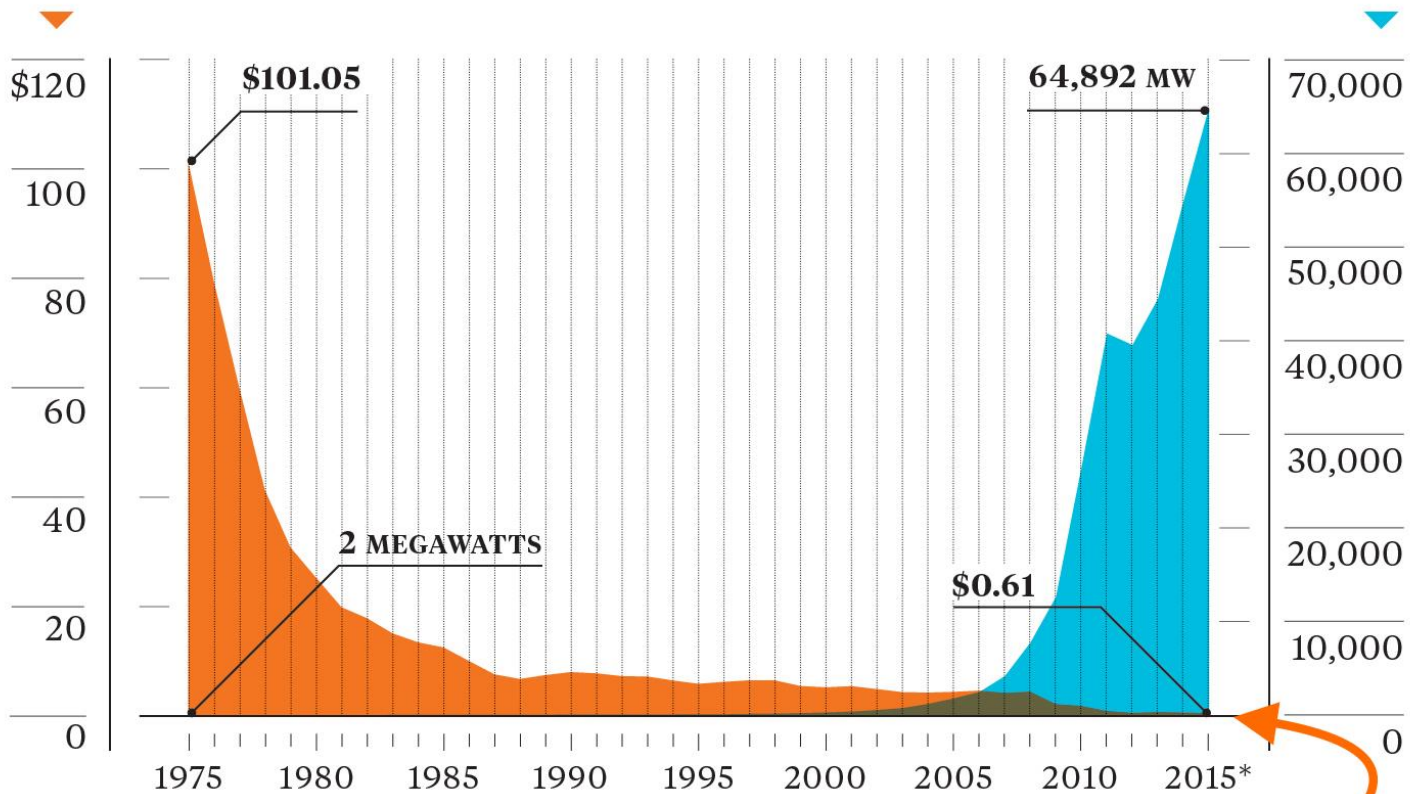
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Price of a solar panel per watt



*Estimate. Sources: Bloomberg, Earth Policy Institute, www.earth-policy.org

Down to \$0.447 in August 2016



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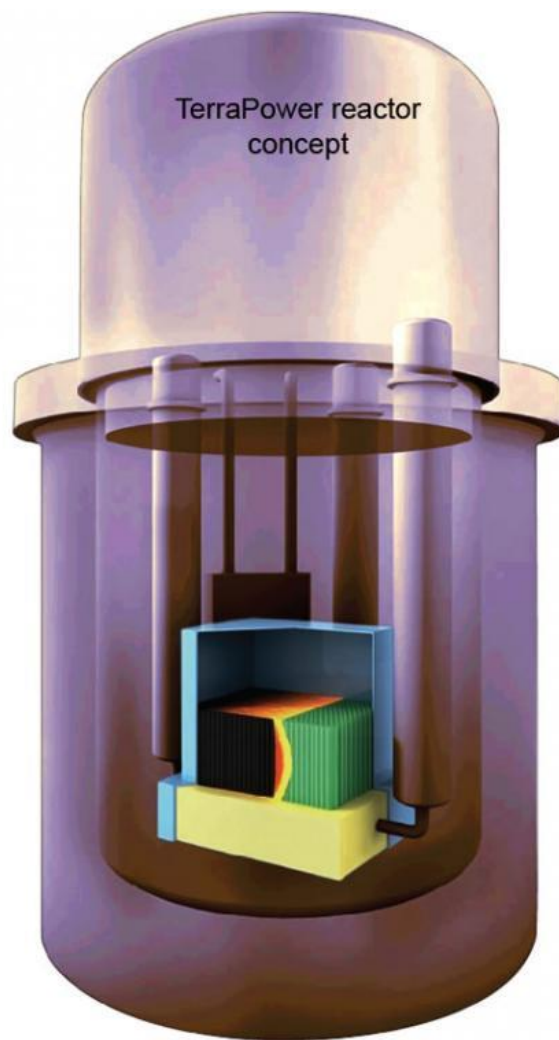


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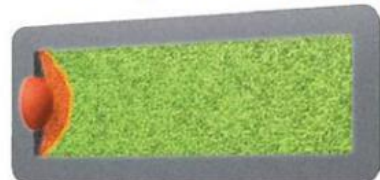




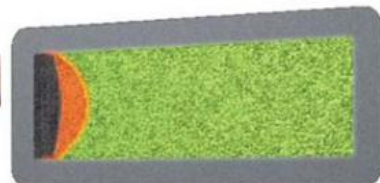
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Traveling wave concept



1 Year



3 Years



30 Years



60 Years



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Lockheed Developing Truck-Sized Nuclear Fusion Reactor

Julie Johnsson

15 de octubre de 2014 12:47 GMT-3 *Updated on* 15 de octubre de 2014 17:33 GMT-3

Lockheed Martin Corp.'s secretive Skunk Works unit, which designed the U-2 spy plane and F-117 stealth fighter jet, is developing a reactor to harness nuclear fusion, the process that powers the sun.

The reactor would be small enough to fit in a truck and generate enough energy to light 80,000 homes, the Bethesda, Maryland-based company said today. The reactor would burn less than 20 kilograms of fuel in a year, producing waste that's "orders of magnitudes less" than the ash and sludge spewed from coal plants.



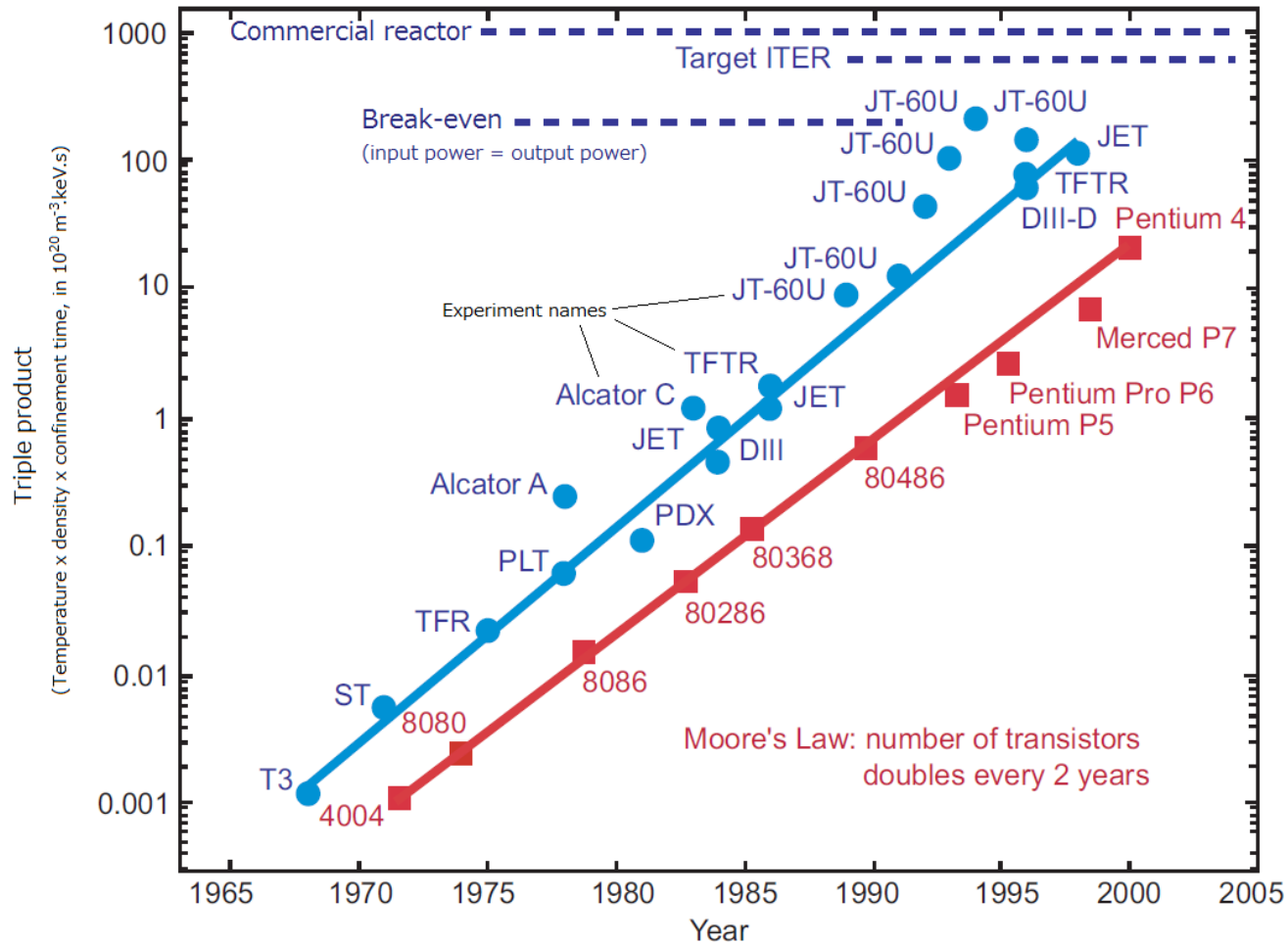
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Fusion: figure-of-merit (the 'triple product')
doubles every 1.8 years





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POTENTIAL APPLICATIONS OF COMPACT FUSION

SAFE POWER FOR SAFE SEAS



The ability to power ships at sea would be one of the first applications of compact fusion. Through the use of turbine generators, compact fusion could produce electricity to propel the ship, delivering unlimited range capabilities at sea.



POTENTIAL APPLICATIONS OF COMPACT FUSION

PROVIDE PLANES WITH UNLIMITED RANGE, UNMATCHED ENDURANCE



Compact fusion would also be able to take to the sky. An aircraft the size of a C-5 would be able to store a compact fusion reactor right onboard. Thanks to compact fusion's high energy density, this C-5 would be able to fly for about a year on a few bottles of hydrogen.



POTENTIAL APPLICATIONS OF COMPACT FUSION

POWER A CITY OF 50 TO 100,000 PEOPLE



Compact fusion will have the potential to power a small city. By modifying current modular 100 megawatt class gas turbine plants to run on fusion power, we would be able to build fusion power plants in a factory and then deploy them to the locations where they are needed.



POTENTIAL APPLICATIONS OF COMPACT FUSION

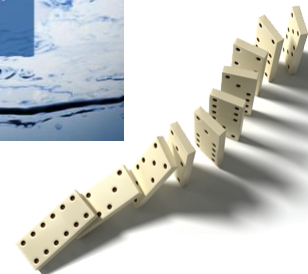
MAKE CLEAN WATER AVAILABLE TO THE MASSES



Down the road, compact fusion reactors would be able to cut the cost of desalination by about 60 percent. This would bring clean drinking water to the most water scarce regions around the globe.



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Ebay founder backs tests to give people free money

8.8k
SHARES



Share on Facebook



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The background is a solid red color. Overlaid on this background is a large, faint, light-red fingerprint graphic. The fingerprint is centered and occupies most of the frame. The ridges of the fingerprint are visible but semi-transparent, allowing the red background to show through. The text 'Hablemos de Leyes' is printed in white, bold, sans-serif font across the upper-middle portion of the fingerprint.

Hablemos de Leyes

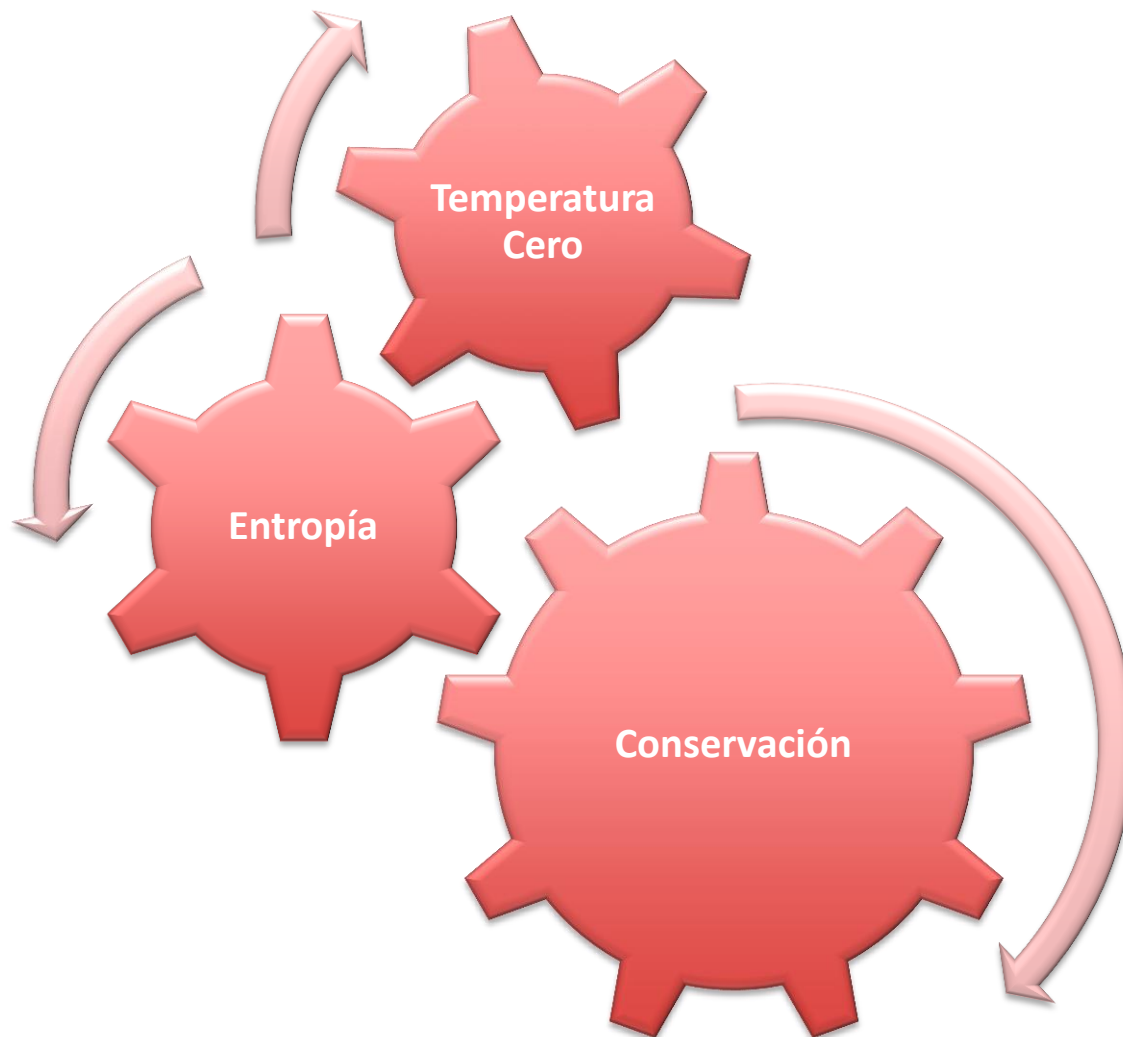


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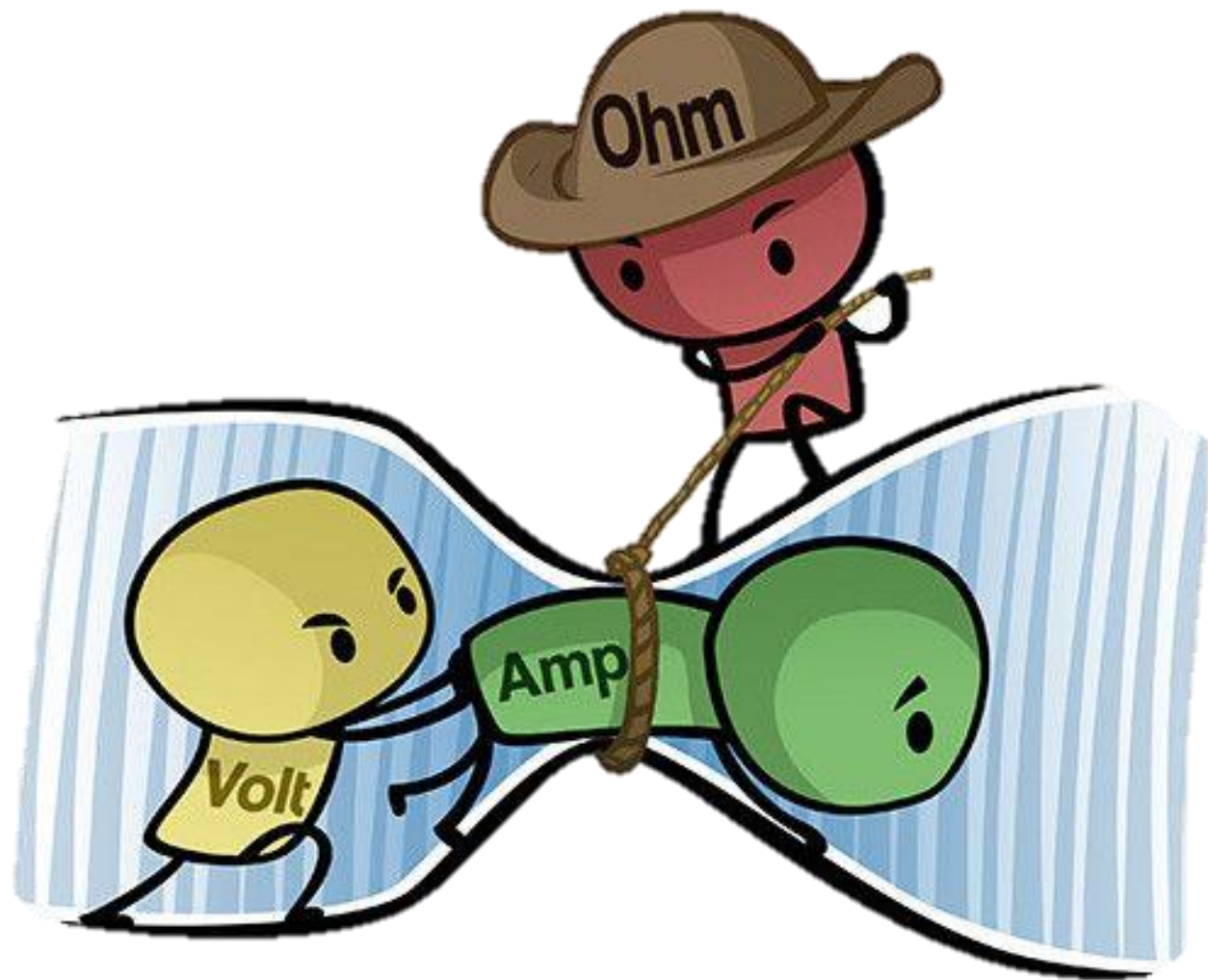


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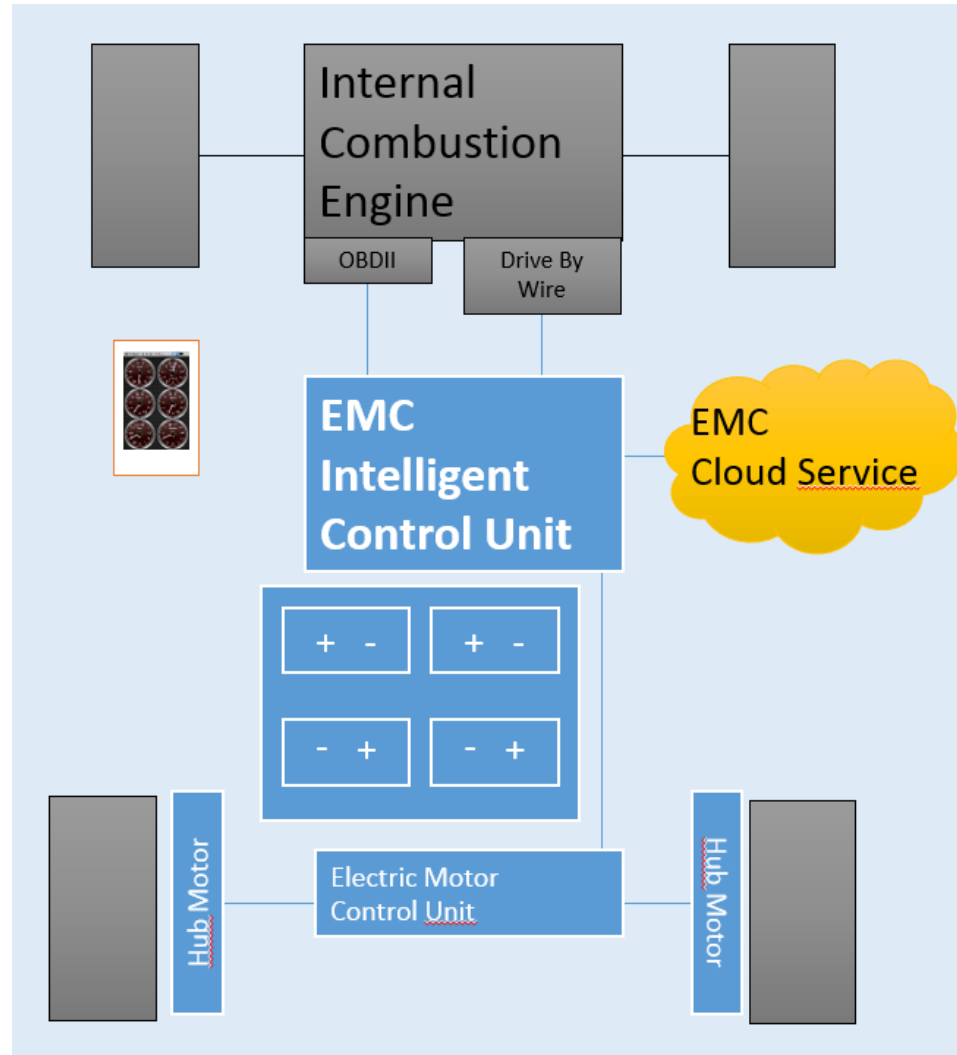




Haciendo con Energía



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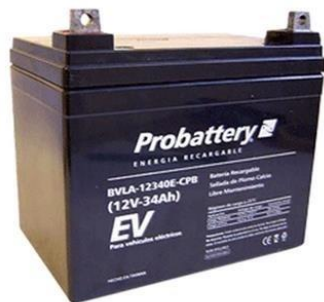
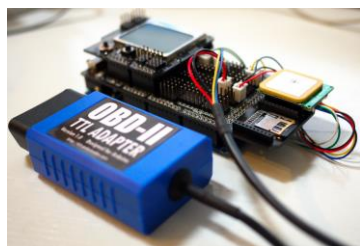
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Integrador

Baterías

Controlador

Motores





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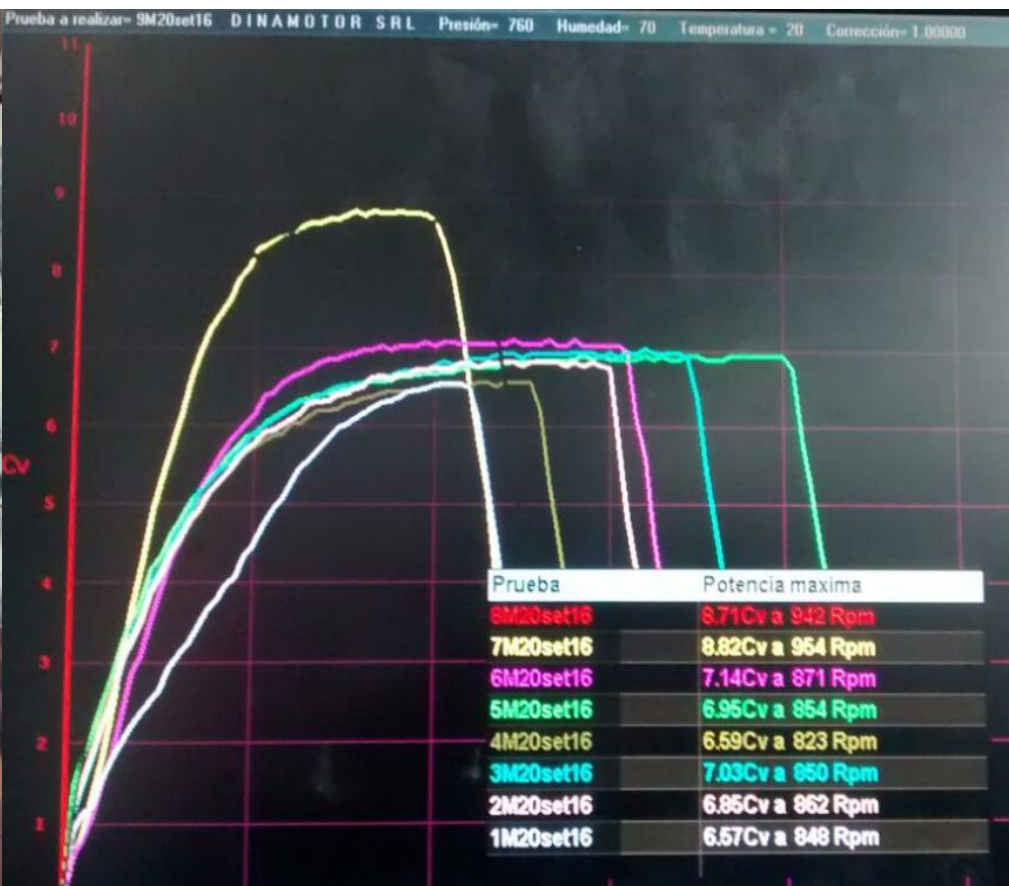


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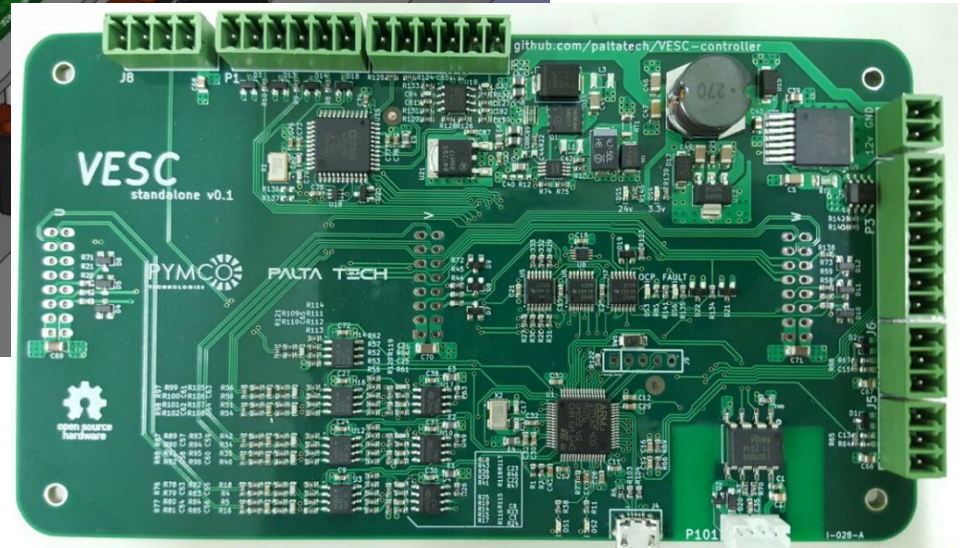
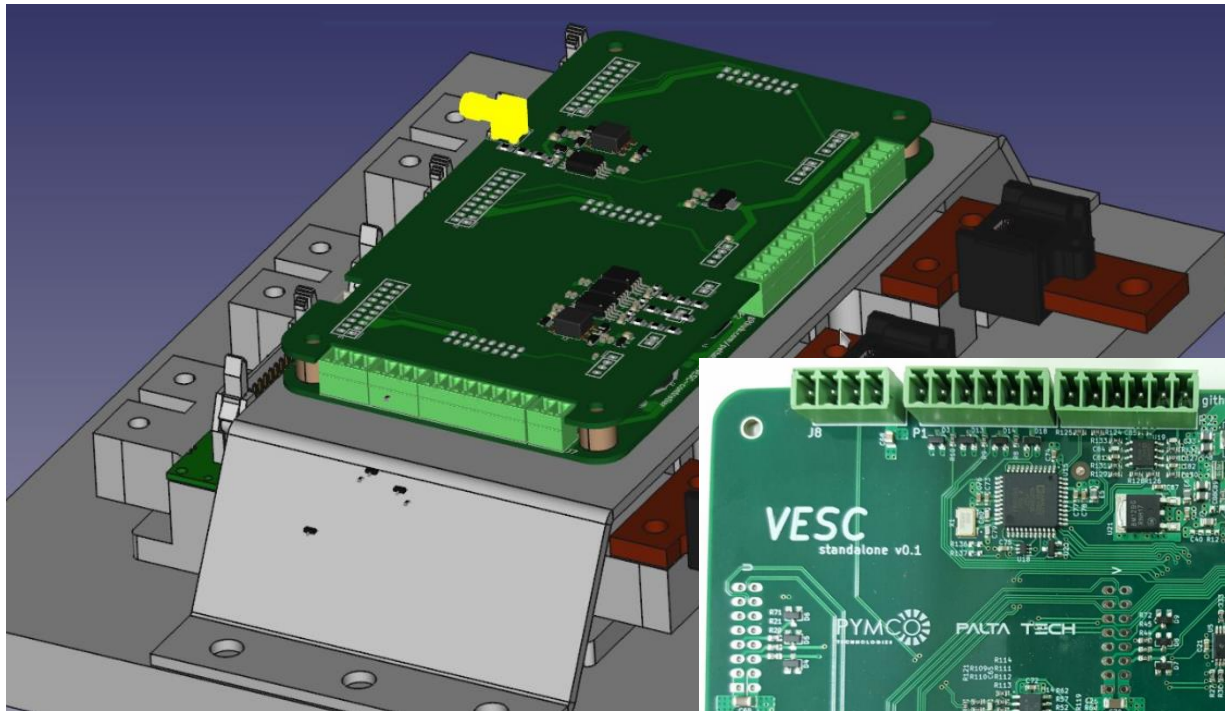


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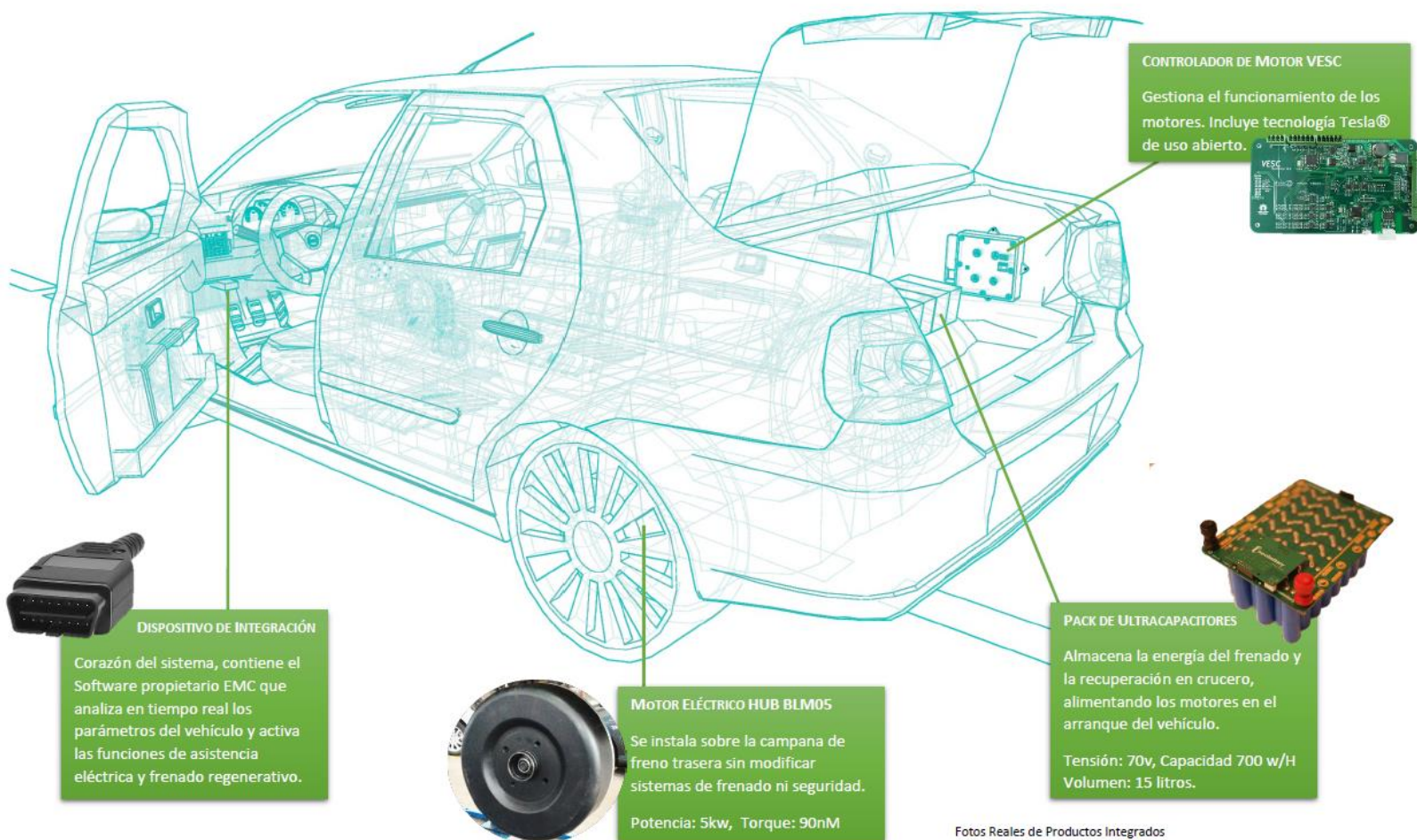




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KIT DE CONVERSIÓN

COMPONENTES PRINCIPALES Y ESQUEMA DE FUNCIONAMIENTO





¡Muchas gracias!
@leonardovalente
leonardo@valente.com