



Solar Prototype



Universidad
Politécnica
de Cartagena

**How many kilometers you can travel with
only the Energy of the Sun?**



Objectives

Raise awareness to society for sustainable mobility. Today is a reality.

Show as that with a renewable and inexhaustible energy source it is possible to travel long distances and avoiding polluting emissions for our planet.

Show as the research that is conducted in Universities is moving forward in search of a clean planet.

Approach at students to companies. Students are prepared for professional challenges in companies in the sector of renewable energy sources and sustainable mobility.



Objectives

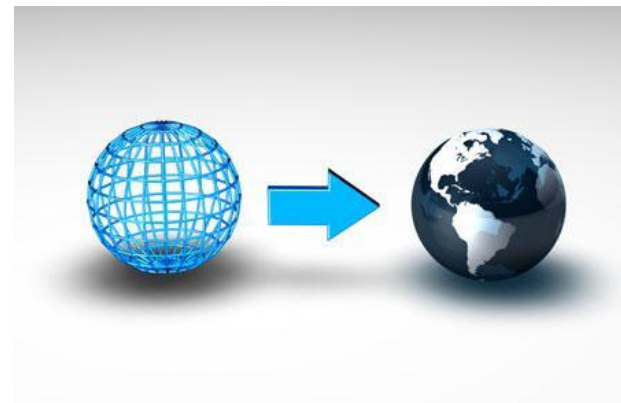
Solar Challenge pursues:

-Be an international test and get different registers in different countries in collaboration with other universities.

-Check that the solar radiation is different at every point on the planet.

-Participation of other prototypes of solar vehicles for building a biggest Solar Challenge.

-Transfer for Technological and Cultural between universities around the world.



Objectives

Solar Challenge pursues:

-Implementation of projects on sustainable mobility in collaboration with universities and companies.

-Intercambio de conocimientos y becas entre estudiantes involucrados.

-Circuit of learning where the duo University-Company can take out performance of the students.





What is Solar Challenge?

It consists of touring the greater possible distance in kilometers with the use only of the Sun energy through a solar vehicle prototype.

The kilometers travelled will be validated by a person external to which belongs the prototype of vehicle and will be given a diploma validated with this score.



Where was he born?



The idea was born of the team formed by students and teachers of solar vehicle prototype of the UPCT.

It is intended to demonstrate the ability that has a prototype of a solar vehicle to travel the greatest distance with only the Energy of the Sun.

Promote the use of sustainable mobility and to show the public that is already a reality and not a chimera.



When and where?



In different parts of the world

Join to the Solar Challenge



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