

KRATOS

UNIVERSIDAD
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Vigilada Mineducación

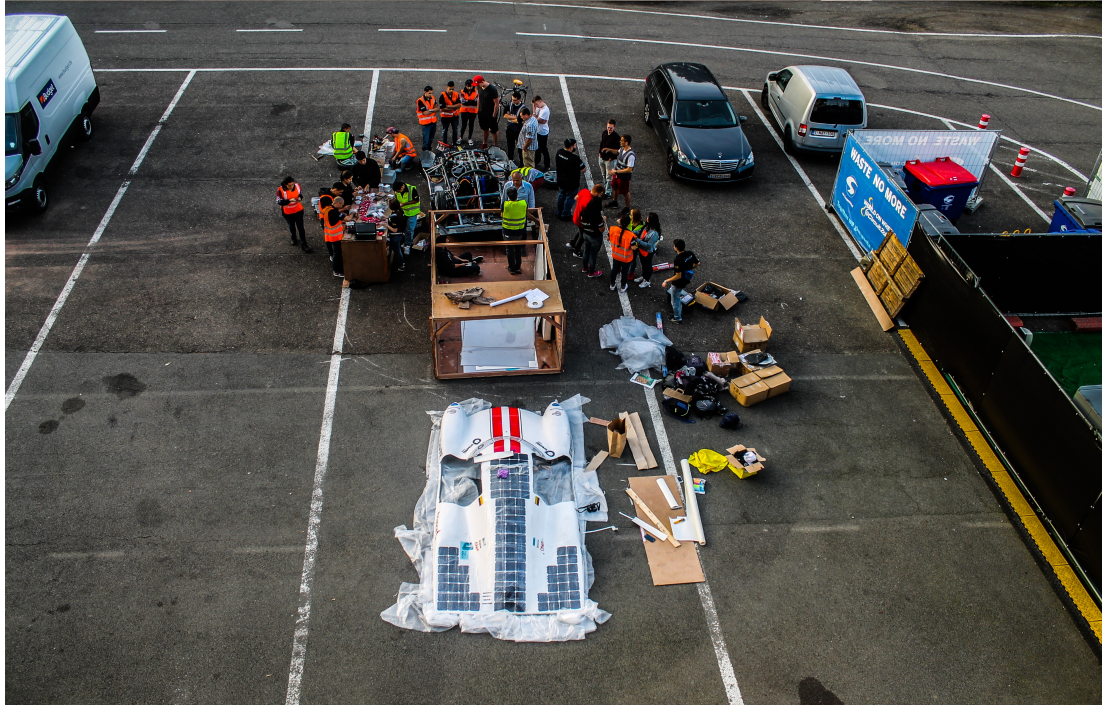
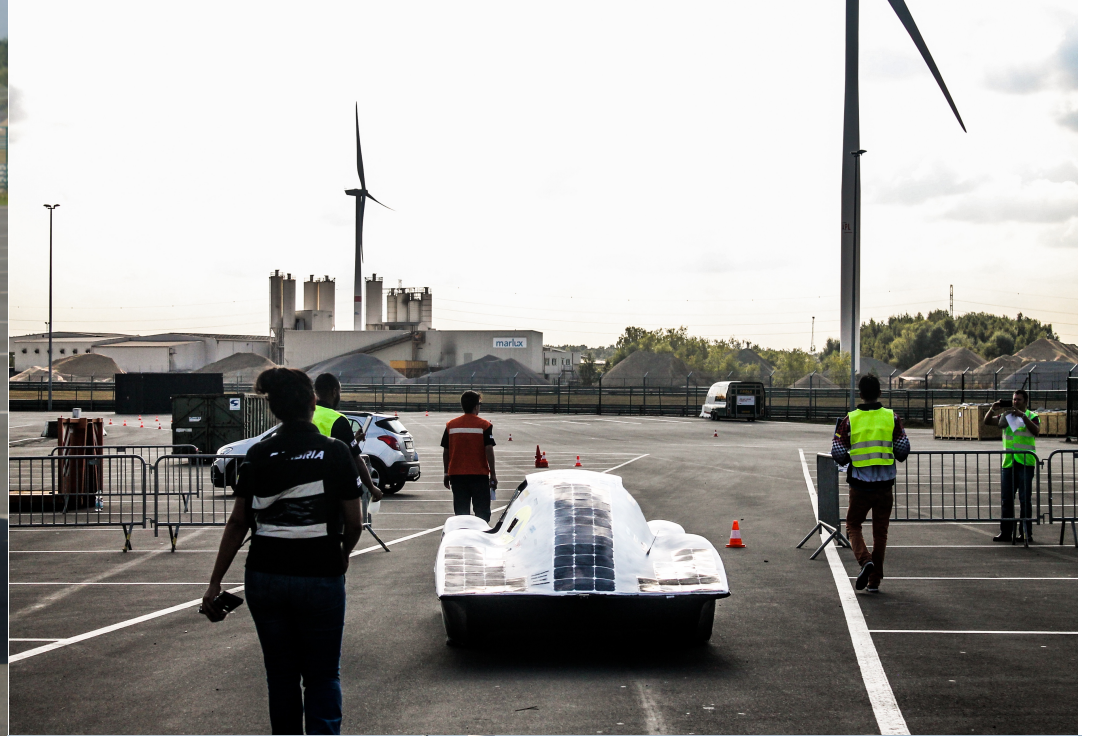
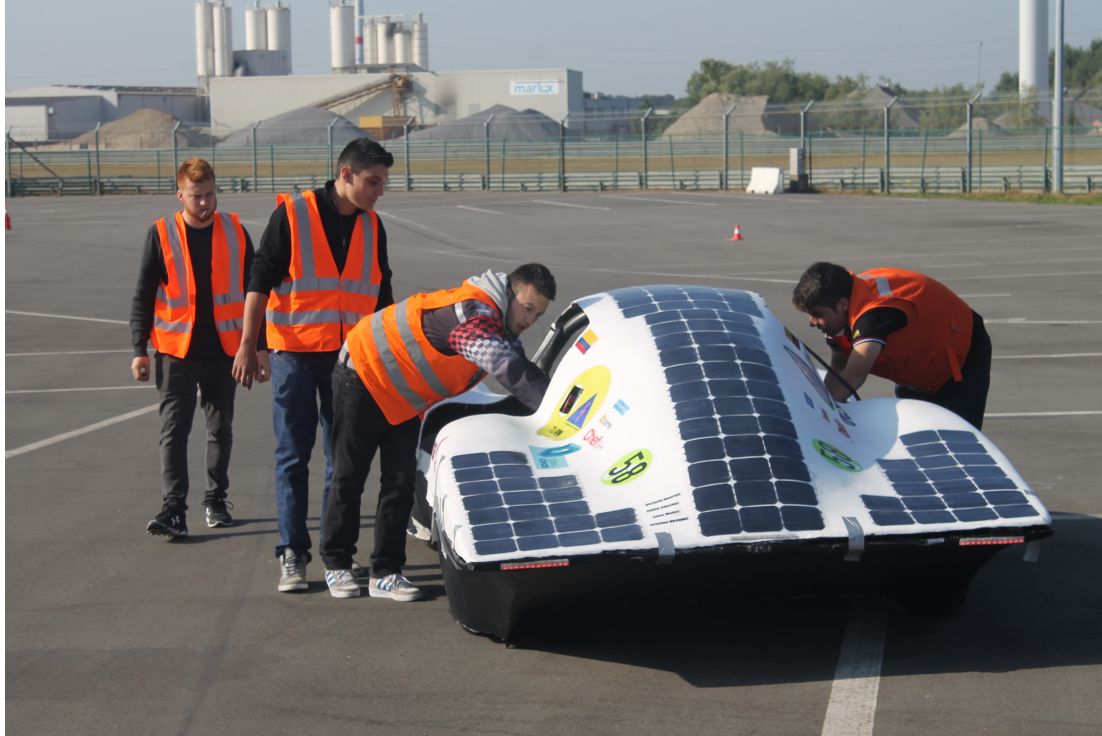
Postobón

Apoya 

The CAMBRIA Case

Leadership and creativity through experience

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Contents

1. The Experience
2. Results
3. What's Next: Kratos
4. Conclusions



The Experience

Purpose

- Experiential learning.

Team

- 25 students (BS = 9)

Structure

- The technical leadership + organizational and administrative support

Specifications

Dimensions (width x height x length)	74.4 x 42.3 x 151.2 in
Weight without passengers	0.65 ton
Maximum power	53 hp
Maximum speed	72.1 mph
Battery weight	138.9 lb
Number of passengers	2
Number of engines	4 (one per wheel)
Maximum torque	400 Nm
Range	155.3 miles (if the vehicle travels on average at 31.1 mph)
Time of manufacture	5 months
Aproximate Budget	USD 150,000

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Results

Input from Business School:

- Process design
- Budget planning and execution
- Investments and expenditures
- Activity and scheduling control and follow-up
- Sponsors, press and dissemination management

- Record time (90 days)
- Success: commitment and passion of students
- Multidisciplinary work + pedagogical changes.
- Impact on students: Academic & Personal

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Kratos

The program

- Platform for non-simulated projects

Approach

- Experiential learning & visibility

Model

- University-Companies integration







Kratos: Learning process



Projects Ahead



-  **National Case Competition**
2017
Colombia
-  **Global Space Balloon Challenge**
2018
Colombia
-  **Student Cluster Competition**
2018
Estados Unidos
-  **Ilumen European Solar Challenge**
2018
Bélgica

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Conclusions



- **Kratos: institutional landmark**
- **Recruiting and involving participants**
- **Impact of CAMBRIA in learning-teaching methods**



KRATOS

