



Het verhaal van Solar Team Eindhoven

Kyron Pijpers
Koen van Vugt

14 juni 2018
1931 Congrescentrum Den Bosch

POWER
ELECTRONICS

2018



KYRON PIJPERS

Aerodynamics and chassis

Mechanical Engineering

23 years old

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KOEN VAN VUGT

Electrical Engineer

Electrical Engineering

23 years old

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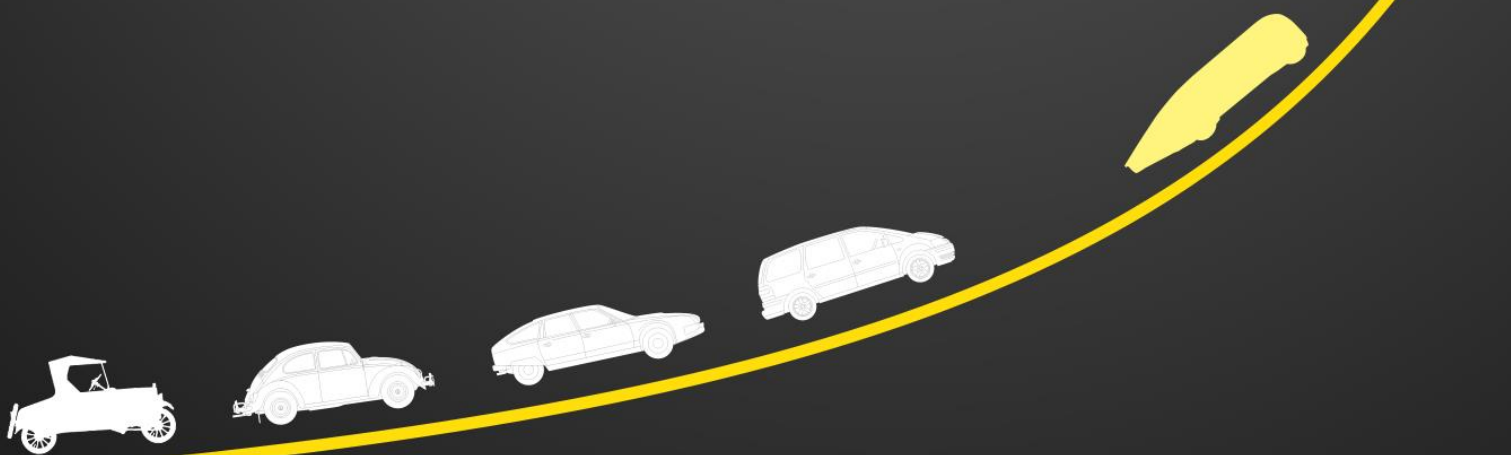
23 enthusiastic
technical students

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**CAR OF THE
FUTURE**

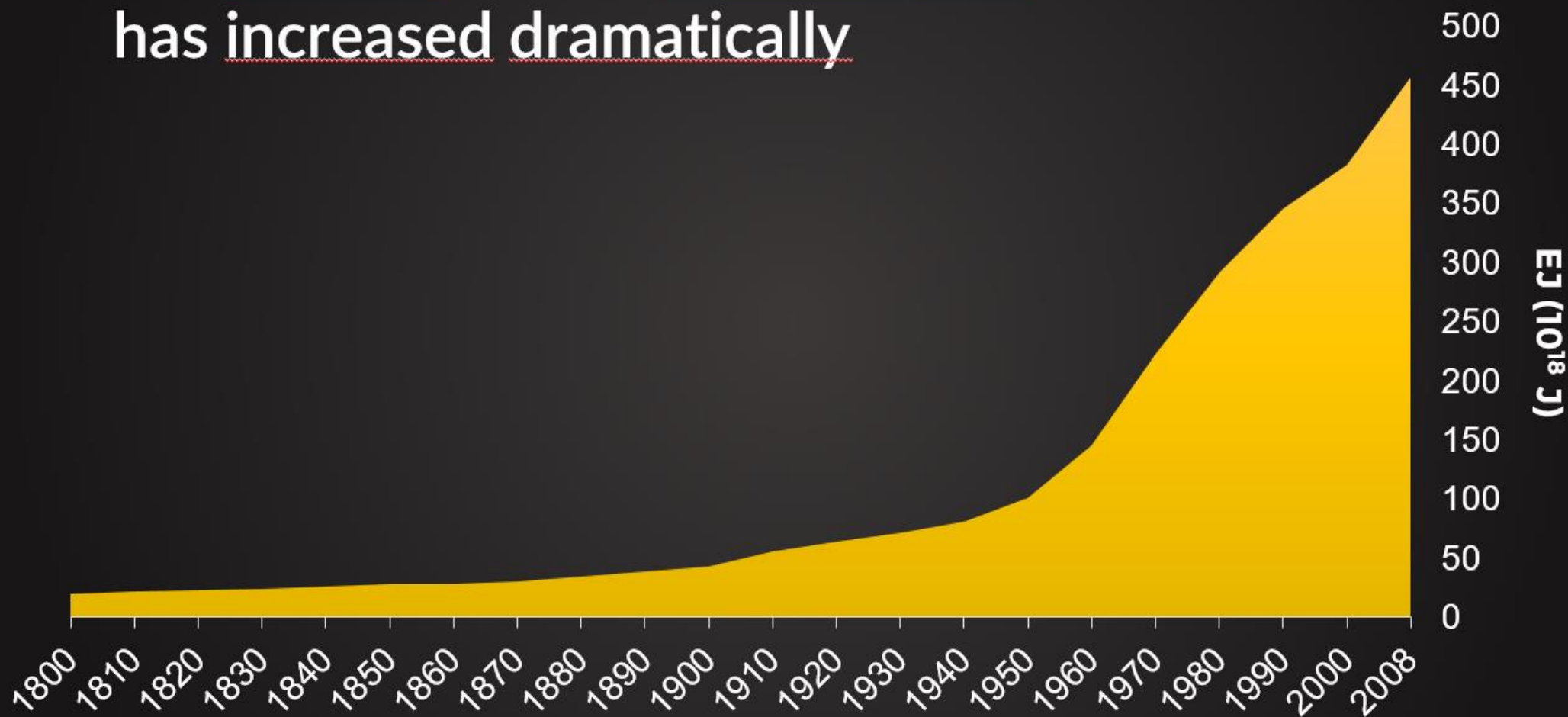


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The world's energy consumption has increased dramatically



Max Roser (2016) - 'Energy Production & Changing Energy Sources'



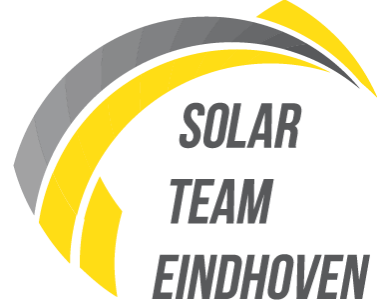
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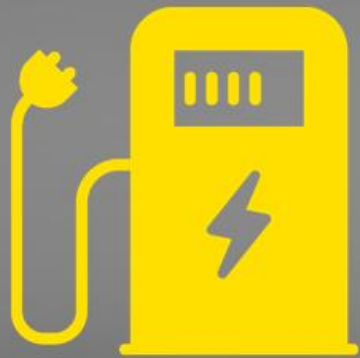
WHERE IS THE SOLAR CAR?



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Why solar cars?

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2013

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EINDHOVEN*



Stella

world's first solar
powered family car

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2015

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Stella Lux

the energy positive family
car

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**WSC 2013
CRUISER CLASS
WINNER**

**WSC 2015
CRUISER CLASS
WINNER**



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Brainstorming

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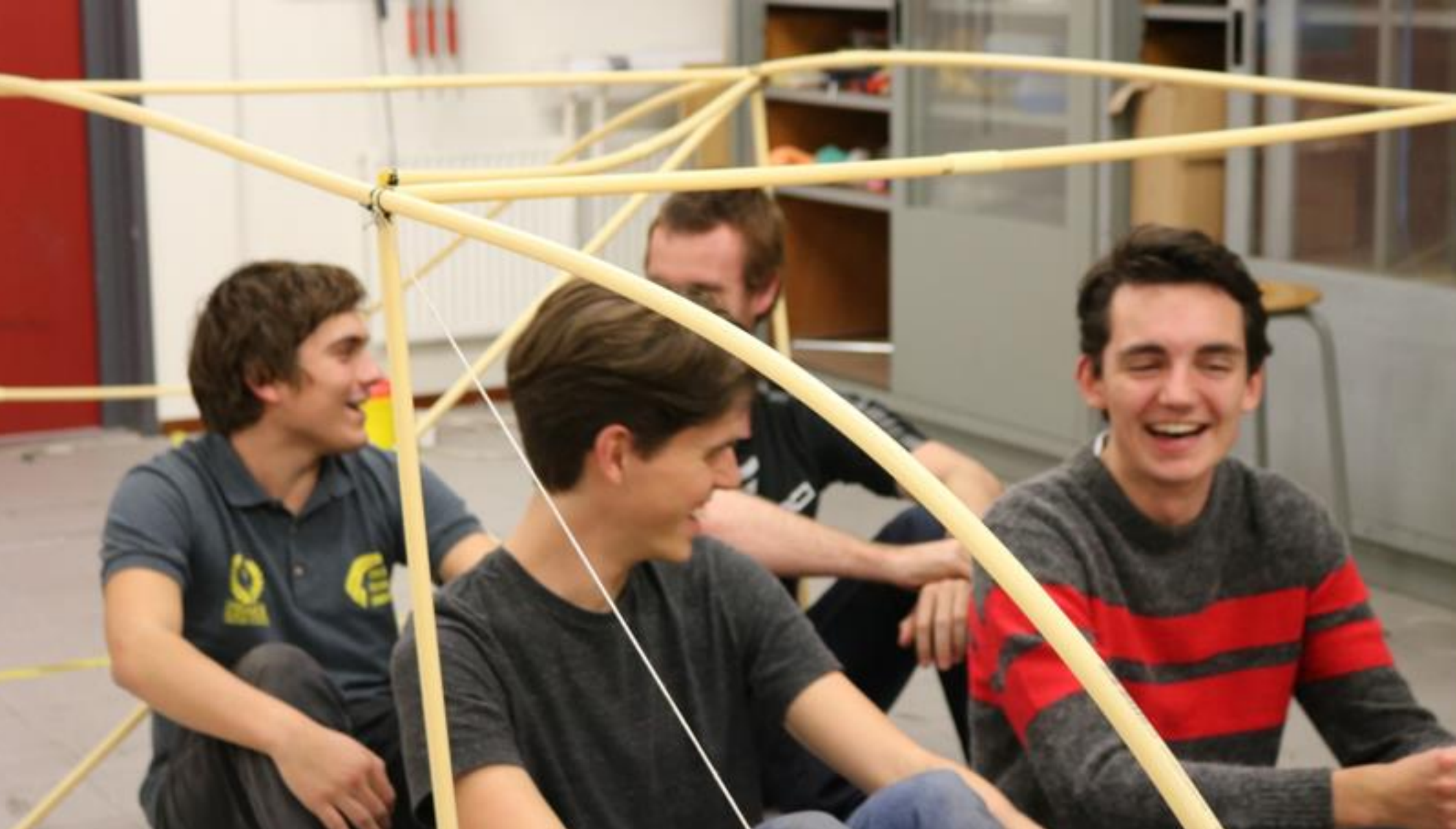
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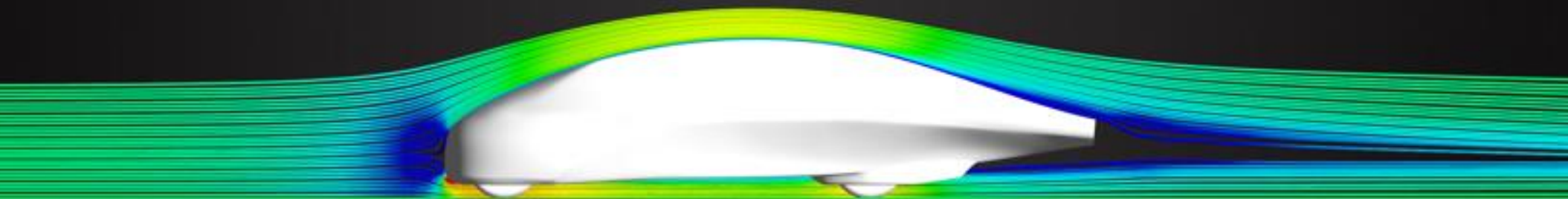


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Aerodynamics



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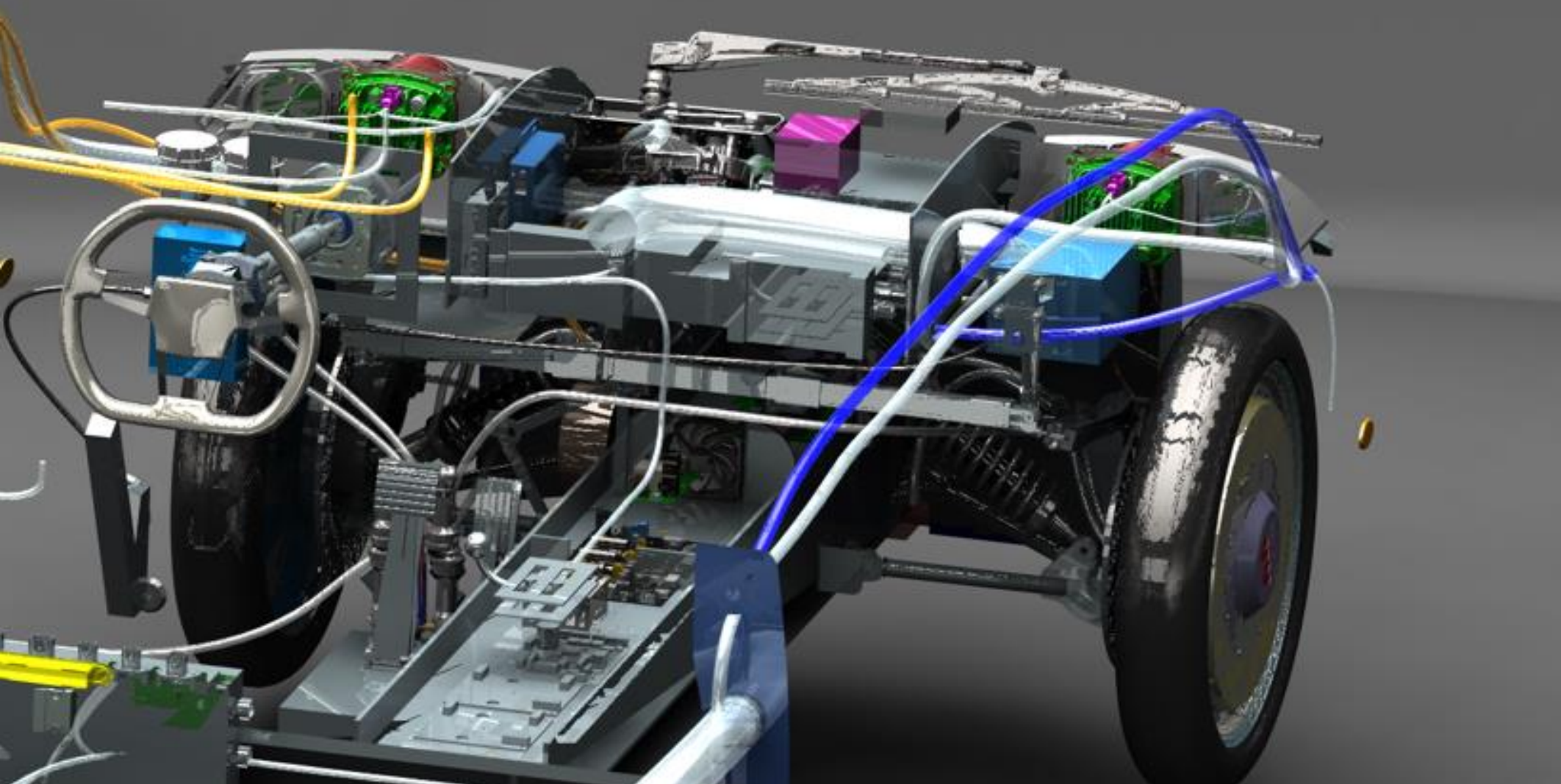
TU/e
WIND TUNNEL



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| production

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| production

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roduction



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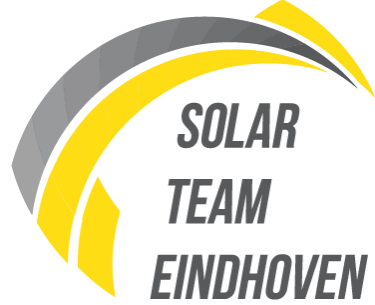
2018



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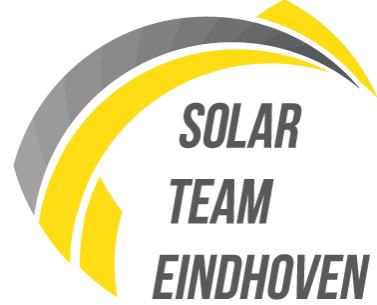
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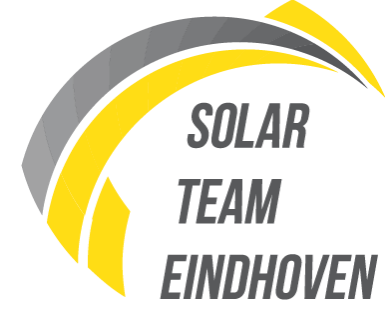
World Solar Challenge 2017



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