

Endurance Car - *FEVER*

A 'green' car has been designed by The University of Nottingham students for the *Shell Eco-Marathon Asia 2010* in Malaysia and the Expo 2010 in Shanghai.

This cross-campus initiative (*Malaysia & China* students) aims at building a prototype that can take part in the competition to be held in Malaysia in July 2010. Moreover, it is envisaged that the project and the car itself are then being showcased at the University's stand at the *Expo in Shanghai*.



Figure 1: UNMC students' design of FEVER

Project champions

- The University of Nottingham Malaysia Campus (UNMC): responsible for the design work
- The University of Nottingham Ningbo China, Engineering division: responsible for manufacturing of car

Proposed activity

Showcase, exhibit, and present the car and related student design work associated to innovative and sustainable science and technology at the EXPO 2010:

- The project is of interest to the general public; it is particularly useful for members of schools and universities.
- The whole project will be introduced and it will be discussed how it relates to teaching and learning (exhibition of the car, workshops, PPT, videos, posters, design samples, etc.)

What is unique?

- Participation in the Shanghai Expo 2010.
- A truly international initiative bringing together students from different cultures
- Providing soft and management skills to students
- Eco-efficient design. The University of Nottingham Ningbo aspires to be a 'green' campus, so instead of engaging in racing car activities, the focus was laid on an endurance competition, aiming for fuel efficiency.
- Raising awareness in China

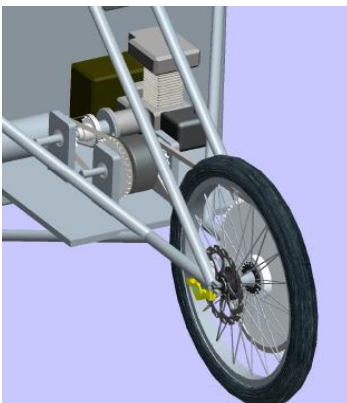


Figure 2: Drive train

More information on the event, Shell Eco Marathon:
<http://www.shell.com/home/content/ecomarathon/asia>