

FUTURE TRANSPORT CHALLENGE

This programme will develop an appreciation of how STEM subjects can be used to improve the way we use energy, and the positive impact this has on society.

The world reached the tipping point a few years ago where over half of the population on the planet are now living in dense urban areas rather than rural. This is predicted to get far worse as the population grows and more 'mega-cities' are developed, particularly in the Far East.

We all see the problem every day in increasingly crowded streets leading to lower productivity and higher social costs, and isolation for those who aren't served well by public transport. This will get worse over the coming years and will directly impact today's students as they move into further education, employment, and start to build independent lives.

The Future Transport Challenge lets students explore this current, and growing, real-world problem asking: how would THEY change the way we travel in congested urban areas? Along the way they will discover for themselves how STEM can...

- ... reduce emissions from road transport
- ... change the way we use transport
- ... reward visitors and residents for changing their behaviour
- ... build stronger and more resilient communities

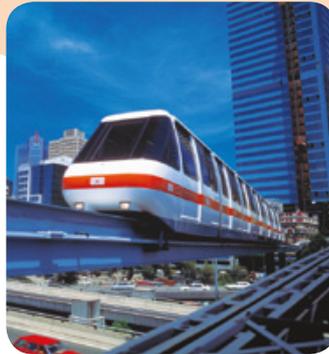
All participants will receive a **Certificate of Achievement**.

About Weald Technology

Weald Technology Ltd is a social enterprise and an award-winning engineering company. Our mission is to inspire young people to pursue engineering careers, which we do with STEM workshops based on innovations in sustainable transport. We keep our knowledge up-to-date, and our STEM projects relevant, through collaborating on industrial research and development.



For further information please call
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"You have really inspired the students and given them a wonderful perspective into a totally new career path. You made a very important contribution to the day and we are very grateful for your time, enthusiasm and expertise."

Katren Bishop

Event Organiser, Burgess Hill School for Girls "Science and Engineering Day".

KEY STAGE 1

KEY STAGE 2

KEY STAGE 3

KEY STAGE 4

KEY STAGE 5

In partnership with:

SusMobil

SusMobil is a Weald Technology brand, tasked with developing innovations in Sustainable Mobility

