

NET ZERO SUPERHEROES COMPETITION 2022

INFORMATION FOR SCHOOLS



Who?

N-ZO needs **YOU** as a school or individual (**Y5 or P6**) to propose and present a creative invention to help your school contribute to achieving Net Zero. This could relate to **energy** (think about how you could reduce the amount of energy your school uses or make the energy you do use greener), **transportation** (think about how you could improve the way you get to school) or **infrastructure** (think about how you could improve your school building itself).

When?

We're running our 2023 competition in schools across the UK. The competition will run from **1st – 31st March 2023**. There will be a strict submission deadline on **Friday 31st March**, however the start date is flexible and can be moved earlier if that works better for your school.

Why are we running this competition?

The UK government has passed a law requiring the UK to reach net zero emissions of greenhouse gases by 2050. To ensure that this is reached by 2050, we believe that there is an element of education required as the current students will be the future leaders helping to reach this target. As industry leaders in the energy sector, we would like to facilitate and support learning in schools on all topics related to achieving Net Zero. The competition aims to:

- Improve the knowledge of teachers and students on the government targets, the impact this will have on society, and the role that today's students will have in ensuring these targets are met in the future.
- Engage a younger generation on all aspects of Net Zero and, in particular, the energy mix required to deliver Net Zero.
- Encourage students to think about, and make, small changes to their lives, which will have an overall impact on the Net Zero target.
- Provide a fun and engaging challenge to inspire students to consider careers in engineering.

What?

Each school team or individual is to propose and present a creative invention which helps their school contribute to achieving Net Zero. This could relate to **energy, transportation or infrastructure**:

- Pupils to work in teams of up to 5 or individually
- One idea per team or individual to be submitted for judging
- Atkins will provide support to teachers and pupils throughout the competition, including presentations, interactive sessions and supporting activities
- Idea is to be presented in **either poster or video** format
 - Posters to be of approximately A0 size
 - Videos of no longer than 3 minutes in length
 - Props and models can also be used to portray idea
- Submissions will be shortlisted, and the best submissions will be presented to a judging panel in a 'Dragon's Den'-style pitch on **Wednesday 26th April**.
- The winning teams will be awarded with exciting prizes for their school

What will you be provided with?

- An Atkins mentor to support your school and teams throughout the competition.
- Activity sheets containing approximately exercises linked to the key stage curriculum
- General teaching and presentation material on the topic of Engineering Net Zero.
- Ideas for other activities which would complement the presentation material.

How to register?

If you're interested, please fill in our registration form [here](#) and we'll pair you with a mentor from Atkins to get you started. If you have any questions about the competition please get in touch with us at the following email address:
ENZSchools@atkinsglobal.com.