

## BIEA University STEM Challenge 2020

At BIEA (British International Education Association) we are passionate about enabling young people to develop skills for the future. The '**BIEA University STEM Challenge 2020**' will help young inventors and designers get started on their entrepreneurial career. We're looking for ambitious, creative, curiosity-driven people with a passion for solving problems and making a difference who are role models of entrepreneurship for future generations.

### The Challenge

We know that the world has a plastic problem. Our oceans and lands have become polluted with our carelessly discarded plastic waste that will take 1000s of years to decompose on land, whilst the plastic in the oceans break up into toxins. Our plastic waste is now causing chemical pollution in our seas.

**Can you or your team come up with ideas and solutions that can help reduce plastic waste and STEM the Tide of Plastic Pollution?**

The proposed technology/service can be an innovation or invention in engineering and/or technology. Engineering is defined broadly, including, but not limited to software, design, energy, cleantech, materials and medical devices.

You should have identified a viable and commercial business proposition with a market opportunity.

You must submit the following as your competition entry:

1. **An executive summary report** of your innovation/business idea, no more than 500 words.
2. **A pitch deck** presentation of your idea/research project (maximum 30 slides).
3. **A short video of your presentation** of your project, no more than 10 minutes.

### THE PRIZE

- There will be one grand prize winner or winning team
- A cash prize of **£1000 (GBP)**
- The opportunity to take part in our iSTEM ambassador training course and become a certified BIEA iSTEM ambassador with support/guidance from leading UK STEM experts from Royal Institution, British Council, Engineering UK etc.

## ENTRY REQUIREMENTS

1. You can enter individually or as a team of up to 5.
2. The age of your team/ you must be between 18-21 years old.
3. You must be studying for a degree (or equivalent) qualification.
4. Entry into the Competition is free.
5. The deadline for submissions is **1<sup>st</sup> September 2020**
6. The winner will be announced on 15<sup>th</sup> September 2020.

## HOW TO ENTER

- You need to email the summary report, pitch deck and presentation videos to: **competition@biea.org.uk** by **1<sup>st</sup> September 2020**.
- Please submit any accompanying documentation (such as the PowerPoint file) along with your video.
- If the file size is too large, please store the videos in the Cloud and send us a link so we can download them.
- Please make sure you include your name, email address, your team name and your institution with your submission.
- The submission deadline is **5pm (GMT) 1<sup>st</sup> September 2020**.
- The winner will be announced on 15<sup>th</sup> September 2020.

## Video Presentation Guidance

You can produce a presentation in any style you wish. You may wish to keep it simple and use a PowerPoint, or you may wish to produce a documentary or TV style show. It must not run for longer than 10 minutes. The presentation should be delivered in English and any slides or documents should also be in English.

You may include anything you think relevant to your project, here are some information you should include:

1. An introduction to your team and your roles.
2. Your project outlines.
3. The reasons for doing the project
4. Any tests or experiments you did.
5. Any safety aspects you have considered.
6. Any social, financial or technical problems your team had and how you dealt with them.
7. A final reflective evaluation including both positive and negative aspects of the whole challenge.
8. Any references to any research sources that you have used.

Please video your presentation. You may video it on a phone, tablet or video camera. Marks will not be deducted for video quality (although we should be able to see and hear the content clearly.) There are no additional marks for highly technical productions – we are interested in your project, not your camera work!

## BIEA University STEM Challenge 2020

### TERMS AND CONDITIONS

#### General

1. “BIEA”, “we”, “us” and “ours” means BIEA British International Education Association, The Granville, 140 Carlton Vale, London NW6 5HE.
2. The Competition is open to both UK and Non-UK residents who are attending a university and are aged 18 years to 21 years at the time of entry. You are not eligible for the Competition if you are employed by BIEA or you are materially connected to the administration of the Competition.
3. The Competition is open to individuals or teams. Teams can have a maximum of 5 team members.
4. You can enter the Competition up to 31 July 2020.
5. Entries made after this time will not be valid even if they appear to be registered.
6. Entries with obscenities, of a defamatory nature, including any personal details (e.g. address or bank details), or found to be infringing any third-party rights will be excluded from the Competition.
7. You agree to grant BIEA a worldwide, non-exclusive, royalty free, irrevocable and transferable licence (with the right to sub-licence) to use, display, reproduce, prepare derivative works of and distribute your Submission for the purposes of us judging your Submission and promoting it on BIEA' website and other media channels.
8. BIEA is under no obligation to keep your Submission confidential and it is your responsibility to protect your Submission before entering it into the Competition. We encourage you to seek legal advice on any protection that may be appropriate for your Submission. You may wish to contact the British Library's Business and IP Centre for advice as to whether you should seek protection for your proposed submission and how to obtain this protection (<https://www.bl.uk/business-and-ip-centre/information-clinics>). Further information on intellectual property rights can also be viewed at: [gov.uk/intellectual-property-an-overview](http://gov.uk/intellectual-property-an-overview). BIEA is not responsible for obtaining or verifying any intellectual property rights relating to any Submission into the Competition.
9. You are responsible, along with any members of your team, for determining (to the extent provided by law) how ownership of any intellectual property rights in the Submission will be apportioned.
10. You are responsible for ensuring that your Submission, including any photos or videos, is your own work and that you have full ownership of the intellectual property rights that exist in respect of the Submission or if any third party material is used, the source of the material is fully acknowledged in the Submission and all necessary consents and licences have been obtained.
11. You are responsible for checking the terms and conditions of Place of education to ensure that ownership of any intellectual property rights in your Submission are the property of you, and not the property of your Place of education. We recommend that you check this with your Place of education prior to entering a Submission.
12. We reserve the right to reject any Submission if it contains content which is not solely the creation of the entrant(s) and without the necessary acknowledgements, consents and licences.
13. Only one entry per person or team is permitted.
14. Lost, delayed, undelivered, incomplete or multiple entries will not be entered into the Competition.
15. Competition entrants are responsible for all costs associated with entering the competition.
16. The overall winning submission will be the one deemed by the judges to be the most innovative or promising and will be named the winner at the final.
17. BIEA can replace any entrant selected as the winner if:
  - a) The entrant cannot be reached by email within 72 hours of BIEA notifying the entrant they have won; or
  - b) BIEA reasonably believes that the entrant has broken one of these rules;

18. You agree to promote this event and for your image to be used for promotional and recruitment purposes by BIEA and its regional competition partners.
19. BIEA reserves the right to publish names and photographs and country of the winners after it has been announced.
20. Owing to exceptional circumstances outside its reasonable control, BIEA may choose to withdraw or amend the Competition.
21. By submitting an entry, you warrant that all information submitted as part of the entry is true, current and complete. BIEA reserves the right to verify all entries.
22. These rules shall be governed by and construed in accordance with the laws of England and Wales and the courts of England shall have exclusive jurisdiction in relation to any disputes arising in respect of this Competition.

### **Personal Information**

23. BIEA will only collect, store and use your personal information, such as name, age, telephone number and email address for the purposes of entering you into and administering the Competition as set out in these rules, and not for any other purpose without your consent. This will not affect any existing marketing preferences that you have registered with BIEA.
24. We will never pass your information to any third party for them to use in their own direct marketing, without your consent.
25. You have an option to unregister from this process at any time. Should you choose to unregister, some of your data may be held on the system and retained for the duration required by Law and in accordance with Data Protection Law.

### **Liability**

26. To the extent permitted by law, neither BIEA, nor the assigned judges/ influencers will be liable for any loss, damage, injury or disappointment suffered in connection with the Competition (including but not limited to failure to obtain appropriate intellectual property protection and/or any damage to your or any other person's computer or mobile phone equipment as a consequence of downloading or accessing any materials), or any delays or failure (in whole or in part) to perform any of its obligations if such delay or failure is caused by something beyond its reasonable control.