



SET Hacks 2020

CASE PACKAGE

Welcome to SET Hacks 2020, a hackathon platform organized and hosted by the SET Foundation. Over the next two days, not only will you work in a team of up to 4 to complete a design challenge, you will also have multiple opportunities to network, attend workshops, and have fun!

This package gives a rundown of the design challenge, including the challenge statement, required submissions, judging criteria, and available prizes.

CHALLENGE STATEMENT

In 2016, the United Nations created the Sustainable Development Goals (SDGs) as a blueprint to create a sustainable future by 2030. The SDGs comprise 17 different goals that relate to the areas of basic human needs, industry, community, and the environment. More information on the goals can be found here: <https://bit.ly/2M0oszP>.



Accomplishing the goals within the scope of a decade requires various political, economic, and social will. In addition, it also requires the insights and contributions of multiple individuals and companies in STEM.

Over the next 22 hours, we challenge you – as intelligent innovators and future leaders in STEM – to create a product that will help nations accomplish one or more of the SDGs (note that the quantity of goals that you address will not impact your overall score).



SUBMISSIONS

Over the course of the 22 hour challenge, you will make two submissions .

- Saturday, July 18th at 21:30 ET (on the 2020 SET Hacks Devpost page)
 - Submit a proposal for your product, clearly indicating which SDGs you will be addressing.
- Sunday, July 19th at 10:00 ET (on the 2020 SET Hacks Devpost page)
 - Submit all applicable material (website, GitHub repository, etc.).
 - Submit a 2 to 5 minute video to pitch your product to investors and nations.

JUDGING CRITERIA

The product you submit will be judged by a panel of STEM professionals and entrepreneurs based on the following categories:

- The technical difficulty of the product's design.
- The effectiveness of the product – to what extent will it help nations accomplish the product's targeted SDG(s)?
- The feasibility of the product – to what extent can nations properly implement the product?
- The originality of the product.
- The quality of the presentation of the product.

PRIZES

In addition to an overall first, second, and third place prize, we have prizes for the best product that addresses each of the following categories: basic human needs, industry, community, and the environment. The categories and the SDGs that comprise them are displayed below.

BASIC HUMAN NEEDS

Goal 1: No Poverty
Goal 2: Zero Hunger
Goal 3: Good Health and Well-Being
Goal 4: Quality Education
Goal 6: Clean Water and Sanitation
Goal 7: Affordable and Clean Energy

INDUSTRY

Goal 8: Decent Work and Economic Growth
Goal 9: Industry, Innovation, and Infrastructure
Goal 11: Sustainable Cities and Communities
Goal 12: Responsible Consumption and Production

COMMUNITY

Goal 5: Gender Equality
Goal 10: Reduced Inequalities
Goal 16: Peace, Justice, and Strong Institutions
Goal 17: Partnerships for the Goals

THE ENVIRONMENT

Goal 13: Climate Action
Goal 14: Life Below Water
Goal 15: Life on Land

All prizes and their associated monetary value are displayed on the SET Hacks Devpost page

TENTATIVE SCHEDULE

SATURDAY, JULY 18TH

10:00 Sign-in begins

11:00 Opening ceremony

11:30 Design challenge begins

14:30 to 20:30 Virtual workshops

SUNDAY, JULY 19TH

10:00 Final submission of project

15:00 Closing ceremony

*All times are Eastern Time

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