

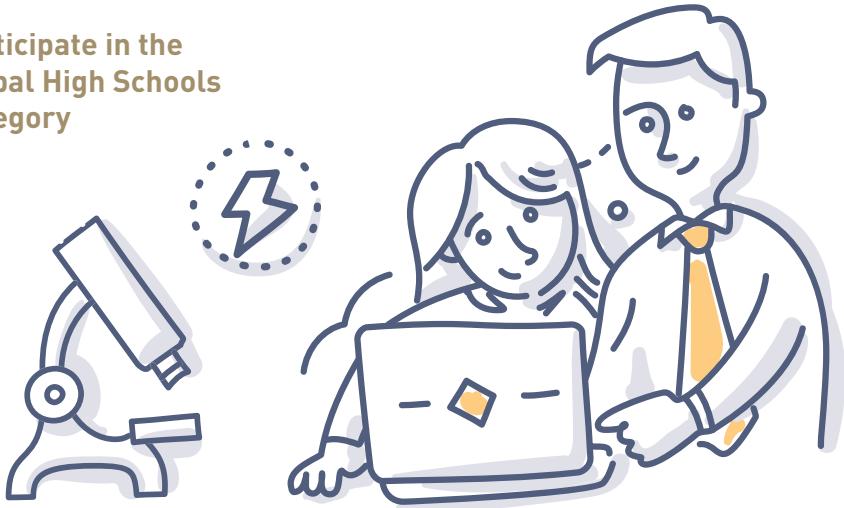
Why should students care about the Prize?

We believe that everyone needs to lend a helping hand if, collectively, we are to make our world more sustainable. We can't do it without you - the next generation of sustainability champions!

The opportunity to receive funding, to help realise your project idea, is a once in a lifetime experience. And remember - win or lose - this initiative will look great on your college applications and resumes!



Participate in the Global High Schools Category



Do you have a sustainable solution you would like to implement in your school?

Bring it to life with the Zayed Sustainability Prize and win up to US\$100,000. Open to high schools worldwide, the Prize aims to inspire future generations to be responsible, sustainable citizens.

Schools must propose projects that demonstrate tangible outcomes. Projects need to be designed to deliver positive educational impact including access to quality education and ensure that students are given key skills and enhanced abilities to achieve their goals. Ideally, projects should demonstrate new and innovative approaches in the fields of health, food, energy or water and be inspirational for others.



Putting in your application

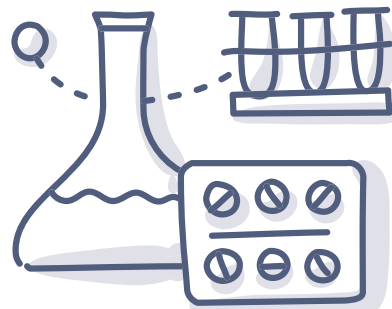
Submitting your application is done through an online process. When we are open for submissions, your school can register on our website [www.ZayedSustainabilityPrize.com](http://www.ZayedSustainabilityPrize.com) and then follow the steps below:

- 1- Set up an internal project team. This can be made up of students, teachers and management, parents – if they are interested – or members of your community.
- 2- Collect ideas and talk to experts.
- 3- Set up a project plan and explain what you want to do, when you want to do it, and how much it will cost.
- 4- Familiarise yourself with the submission process and fill out the form.
- 5- When you are satisfied with all details on the entry form, click on the submit button.

If you have questions at any time during the submission process, please contact us. We are here to help.

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## Background

Our environment is becoming more polluted. Sources of clean water are dwindling. The world's growing population requires food production to be accelerated in a sustainable manner to stave off malnutrition and hunger.

We are in need of new ideas, creative solutions and more meaningful action that will ensure that our world is healthy and thriving for generations to come.



## Making an impact through the Global High Schools Category

We know everyone has the power to make a difference. We recognise that many of the world's best ideas – those that will create a more sustainable future – originate from our youth. The Global High Schools category was created to empower students to take action and make sustainability ideas a reality.



In 2008, the Zayed Future Energy Prize was launched to recognise and reward innovators in the energy sector and find the next great innovations that will help build an environmentally sustainable future.

In 2018, the Prize expanded its mandate and became the Zayed Sustainability Prize to recognise additional sustainability sectors and solutions, alongside energy. It is now able to address sustainability challenges in the areas of health, food, energy and water, and is better positioned to positively influence human lives.



Past winners have demonstrated that the ingenuity of youth can have a profound impact in surrounding communities with the right resources and guidance.

Since 2013, high school winners across the world have delivered projects that have gone on to enhance learning opportunities for as many as 3,273 students and cultivate future generation of energy leaders.

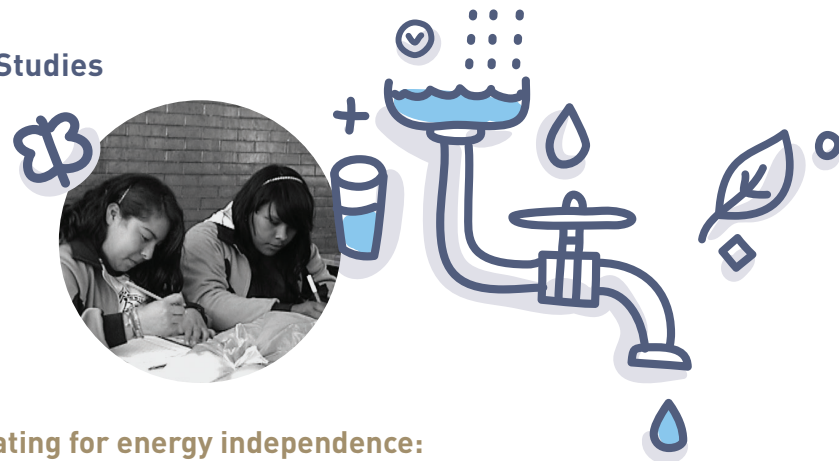
Students from the Global High Schools' projects have:

- Installed 390 kW of solar panels, wind turbines, bio-digester in schools

- Generated 3 million kWh of energy
- Offset 2,372 tonnes of carbon dioxide

These renewable energy and sustainability projects have positively impacted over 350,000 people connected to participating schools and their surrounding communities.

## Case Studies



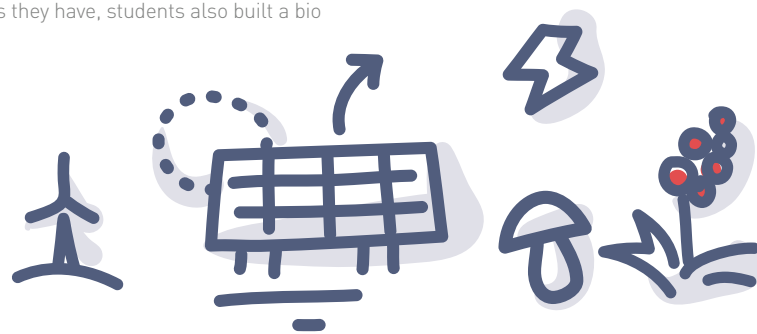
### Innovating for energy independence: Secundaria Tecnica 120

Located close to Mexico city and faced with limited resources, students of Secundaria Tecnica 120 pioneered a project to help the school improve its water, power and heating supply through renewable energy sources.

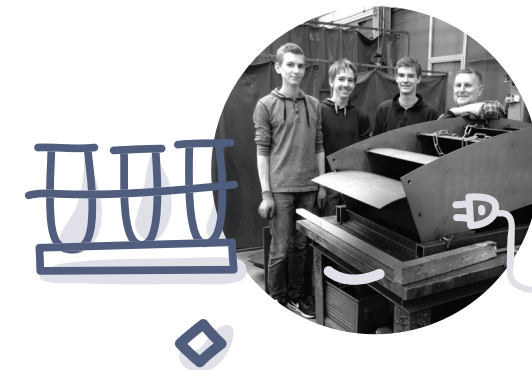
Since winning the Prize in 2013, the school implemented a water catchment system that was developed in place of having water delivered by truck. This displaces almost 26 tonnes of carbon dioxide emissions annually. In making the most of the resources they have, students also built a bio

digester and a greenhouse, in addition to a number of enhanced sustainability practices in their school.

Secundaria Tecnica 120 has become an inspiration for other schools in Mexico, kick-starting efforts for many similar sustainability projects across the country. Most importantly, these students have become champions for renewable energy in their community, demonstrating its multiple benefits and helping change perceptions.



### Diversifying energy sources: Schüler-Forschungs-Zentrum Südwestfalen (SFZ)



Since winning the Prize in 2016, SFZ has constructed a gas power station using methanation technology and a wind turbine, in cooperation with a local university, and developed a database system which monitors the power projects. This will be the basis for an app that visualises the projects in real time. They have also planned and begun work on a hydroelectric power station.

This project became an invaluable educational resource for students in the region as it allowed them to learn first-hand, about multiple differing renewable energy resources, how they interact with each other, and the greater energy grid.

Students also gained insight into one of the most challenging aspects of the renewable energy transition - how to balance the variability of renewable energy resources through storage and smart grids.

