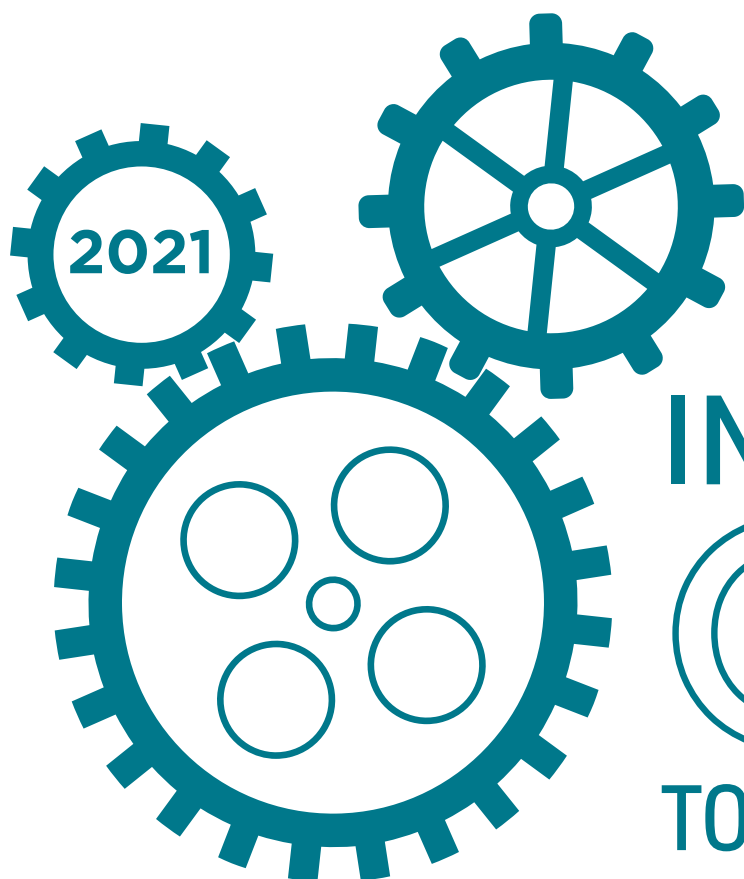


ENVIROLUTION

2021

INTRODUCE A GIRL TO ENGINEERING DAY

IMPACT REPORT



envirolution

PRESENT

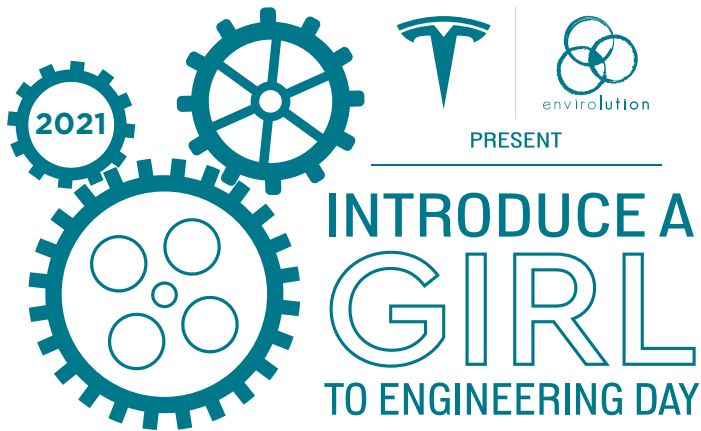
INTRODUCE A GIRL TO ENGINEERING DAY

To inspire and empower the next generation of leaders and workers who will drive the growth of a sustainable economy

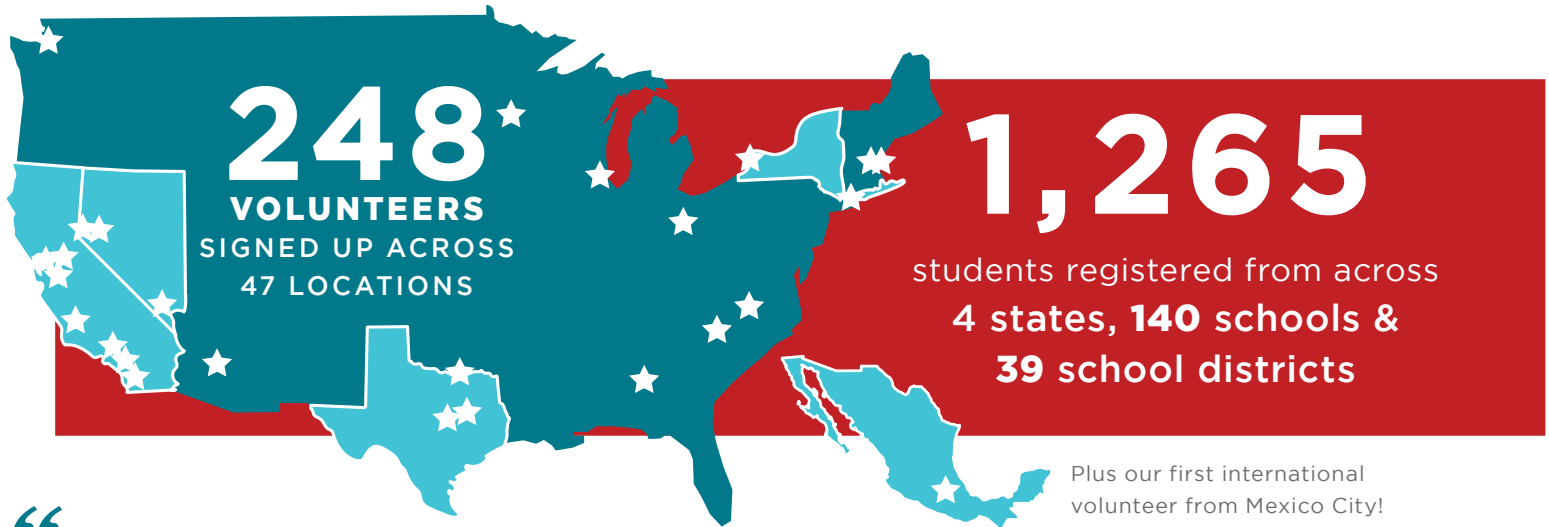


A 501(c)(3) Nonprofit Organization
EIN: 208274660

INTRODUCE A GIRL TO ENGINEERING DAY 2021 - REPORT



During our fourth year of partnership, Envirolution and Tesla engaged over **1,000 students** across the nation in a virtual event complete with **6 interactive videos and factory tours**. Through **31 live and prerecorded messages**, participants got an exclusive look inside the innovative tech company, showcasing the variety of engineering careers and the inspiring female faces behind them. The day concluded with a **hands-on activity** highlighting the basics of the electric motor and the **essential engineering design process**.



“Amazing! Loved this event so much - inspiring and such a great way to impact future generations. Thank you for all your hard work in putting this together!”

NY Volunteer - IGED 2021



INTRODUCE A GIRL TO ENGINEERING DAY 2021 - REPORT



1500

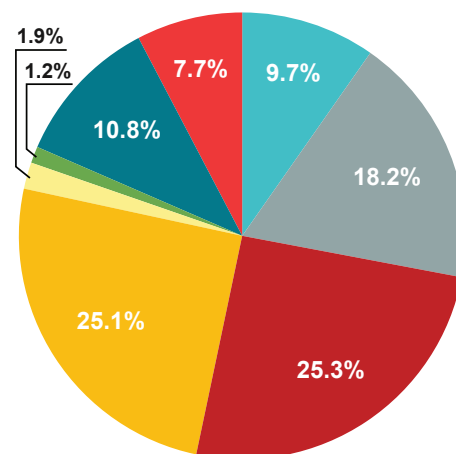
Kits Assembled: including simple motor activity materials, IGED T-Shirt, and snack bar

1. D-cell battery (1 ea.)
2. Piece of sandpaper (1 ea.)
3. Wire wraps (2 ea.)
4. Sheet of parchment paper with tape on it (1 ea.)
5. Snack bar (1 ea.)
6. Paper clips (2 ea.)
7. Raffle ticket (1 ea.)
8. Tesla / IGED Stickers (1 ea.)
9. Modeling clay (1 ea.)
10. Neodymium Magnet (1 ea.)
11. Event T-shirt (1 ea.)



75%

Of the participants were from underrepresented communities



- African-American
- Caucasian
- Native American
- Other/Unknown
- Asian
- Latino or Hispanic
- Native Hawaiian or Pacific Islander
- Prefer not to say

“Diversity and sustainability are both super important to me so I really admire all the work that Tesla is doing!”

CA Participant - IGED 2021



84%

Attendees agree via pre-surveys that sustainability is extremely important when choosing a career

“You ALL ROCK. Communication was constant, you were available, supplies were sent in a very timely manner, and the students and staff LOVED the event. Great job stakeholders!”

NV Teacher - IGED 2021

“Girls can do anything. Its not just about the engineering process but learning how things begin and are created behind the scenes ... women have created amazing things throughout the years!”

NV Participant - IGED 2021



88%

Would recommend this event to other girls (12 percent said ‘Maybe’)

FOR MORE INFORMATION, VISIT:

envirolution.org/introduce-a-girl-to-engineering-day

INTRODUCE A GIRL TO ENGINEERING DAY 2021 - REPORT

SCHOOL WORD CLOUD

An Interactive visualization of what members of participating schools thought when asked to describe the event in 3 words:



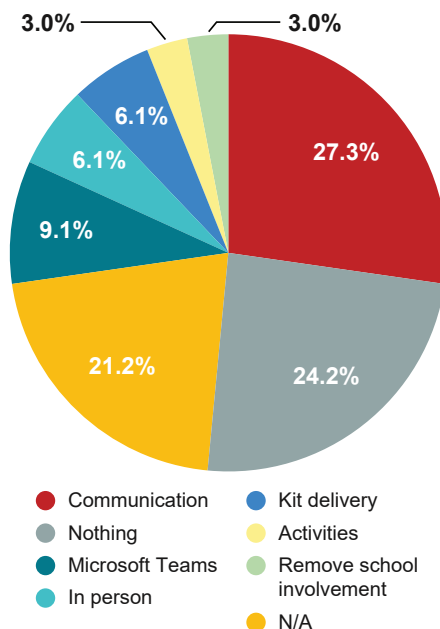
78%

Of School Representatives from participating schools found the event to be an amazing and engaging opportunity for students as well as themselves.

PARTICIPATING SCHOOLS RECOMMEND CHANGING FOR IGED 2022:

27% of school-based volunteers recommend

improving communication, highlighting issues with registration, attendance, how to access post-event surveys, as well as clearer indication of event time per time zone. Meanwhile, **24%** suggested **no changes were necessary**, they found the activities, communication, and overall event to be great as-is.



INTRODUCE A GIRL TO ENGINEERING DAY 2021 - REPORT

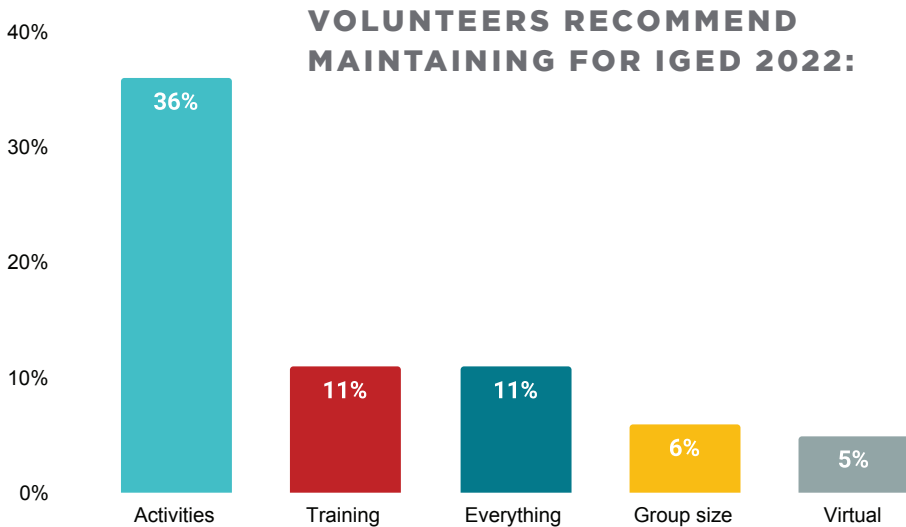


53% of volunteers want communication to be streamlined, organized, and made more accessible, with continuity across all forms of instruction. For next year, they would like a FAQs document covering what to do if connection is lost, students are late, tech issues, etc.

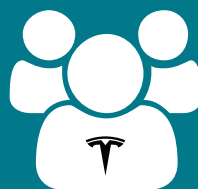


30%

of volunteers cited the need for additional training on technology, activities, and interacting with the girls. Of those, 18% cited Microsoft Teams as being particularly difficult with issues running the presentation, monitoring the chat, and maintaining their presence on screen.



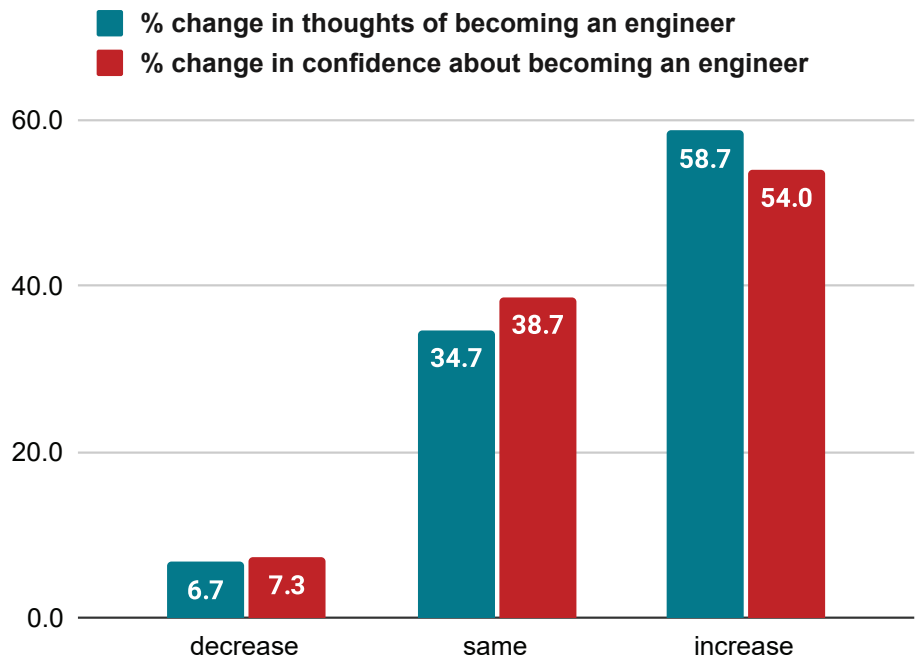
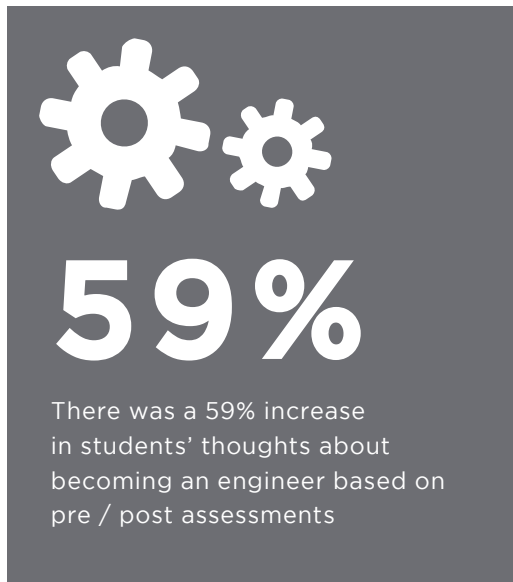
36% of volunteers said they'd **keep the activities the same**. They felt simple, to the point, and easy to present virtually.



93%

of volunteers understood their role with IGED and are interested in participating again next year.

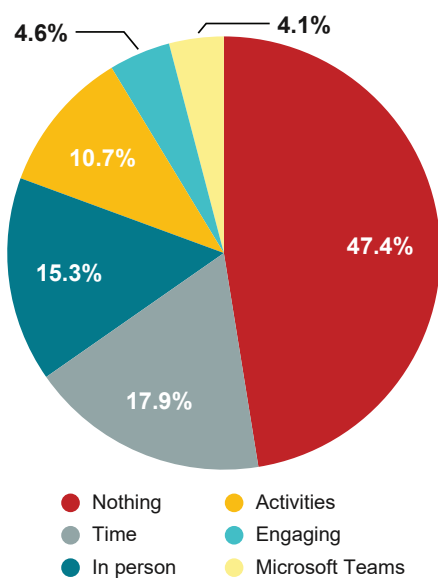
STUDENTS INTEREST IN BECOMING AN ENGINEER:



43%

There was a 43% increase in the level of importance the students feel about sustainability as it relates to their lifestyle

STUDENTS RECOMMEND CHANGING FOR IGED 2022:



47% of students said they **wouldn't change anything about IGED**. 18% wanted more time for the event in general, and less time listening to speakers. Meanwhile, 15% wished it had been in-person so they could tour Tesla in-person and not just virtually.

