

NEXT ENGINEERS

Unlocking potential to invent the future

Lifting up people to solve tomorrow's problems.

As we work to build a world that works and invent future technologies, we need a more diverse engineering profession to bring new perspectives, experiences, insights, solutions, and greater innovation to address the world's largest challenges.

The GE Aerospace Foundation is committed to developing future generations of engineers and innovators through its Next Engineers program. Next Engineers is an educational program focused on engaging students, aged 13–18, in engineering disciplines. We are excited to launch the first Next Engineers expansion location in Warsaw, Poland.

Warsaw was selected by the GE Aerospace Foundation given the importance of innovation and technology. This program will help ensure the country remains at the forefront of these fields for decades to come.

For more than 20 years GE Aerospace has been a key part of the Polish community, and we look forward to supporting communities we work in through the GE Aerospace Foundation.



Let's build a world that works, inventing the future, together. Learn more at www.NextEngineers.org.

**EXPECTED
NEXT
ENGINEERS'
IMPACT IN
WARSAW**

4,000
students
reached

Over 18,000 estimated hours
spent in the program

Thousands of GE Aerospace Volunteer hours

Inventing the Future

Young people play, explore, create, and imagine. By introducing them early to engineering concepts and potential career opportunities, Next Engineers will unlock their potential as the next generation of problem solvers and collaborative innovators.

Around the world,
Next Engineers seeks to
engage 43,000 young people
by the end of 2030, which will:

- ✓ **Address Tomorrow's Challenges.** Engineers are creating blueprints for the next generation of technology. These engineers from different backgrounds will bring a variety of perspectives and ideas that will address the world's most pressing challenges.
- ✓ **Light Pathways.** Anyone who wants to be an engineer and shows aptitude for engineering should be able to become an engineer. Next Engineers provides equal opportunities and support for all participants.
- ✓ **Change the Narrative about Engineering.** Many young people have preconceived notions about who can become an engineer, or what engineers do. By introducing students to engineering role models from different backgrounds, we are breaking down barriers and inspiring more students to pursue engineering careers.

Unlocking Potential

Next Engineers guides students along the path to engineering careers.

Students' participation will be supported and monitored by professionals, using a balance of technology-enabled and hands-on learning resources.

There are two key programs students can engage in:



NEXT ENGINEERS PROGRAMS

Engineering Discovery (Ages 13–14)

Young people build awareness around what engineers do through a variety of short, exploratory sessions. Volunteers deliver creative, hands-on activities in the classroom or community to inspire young people and expand their understanding of what engineering is all about.



Engineering Academy (Ages 15–18)

Over two years, students learn to think and act like engineers and prepare to advance to post-secondary education. With over 180 hours over 2 years outside of school, the Academy includes a series of immersive design challenges, career coaching, and college-readiness workshops to equip youth with the skills they need to build an engineering identity and career. Students who complete the program and enroll in a university engineering degree program will be eligible to receive a scholarship from the GE Aerospace Foundation.

- Problem-solving
- Design Thinking
- Making and Building
- Collaboration
- Creativity
- Communication
- Engineering
- Teamwork



Thinking Globally, Working Locally

Warsaw is one of five global locations for Next Engineers. With full funding from the GE Aerospace Foundation and technical support from FHI 360, the Perspektywy Education Foundation will coordinate and deliver the local program.

The Perspektywy Education Foundation is a leading Polish non-profit which supports young people in their educational and career choices, focusing on diversity in STEM fields. The local GE Aerospace business will provide engineering expertise, career exposure, and structured learning activities. Together, we are investing in Warsaw's young people for the future of our world.



Join the GE Aerospace Foundation in our mission to inspire the next generation of engineers: students from around the world who will be the innovators, problem-solvers, and leaders of tomorrow.

Learn more at www.NextEngineers.org or contact us NextEngineers@fhi360.org