

IEEE Foundation IEEE Region 8

Marko Delimar, IEEE Foundation Secretary

IEEE Region 8 Meeting, Bordeaux, France
19 October 2024



The heart of IEEE charitable giving



Illuminate



Educate



Engage



Energize



Future

*Together, we deliver opportunity,
innovation and impact across the globe.*

The heart of IEEE charitable giving



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[*www.ieee.org/donate*](http://www.ieee.org/donate)



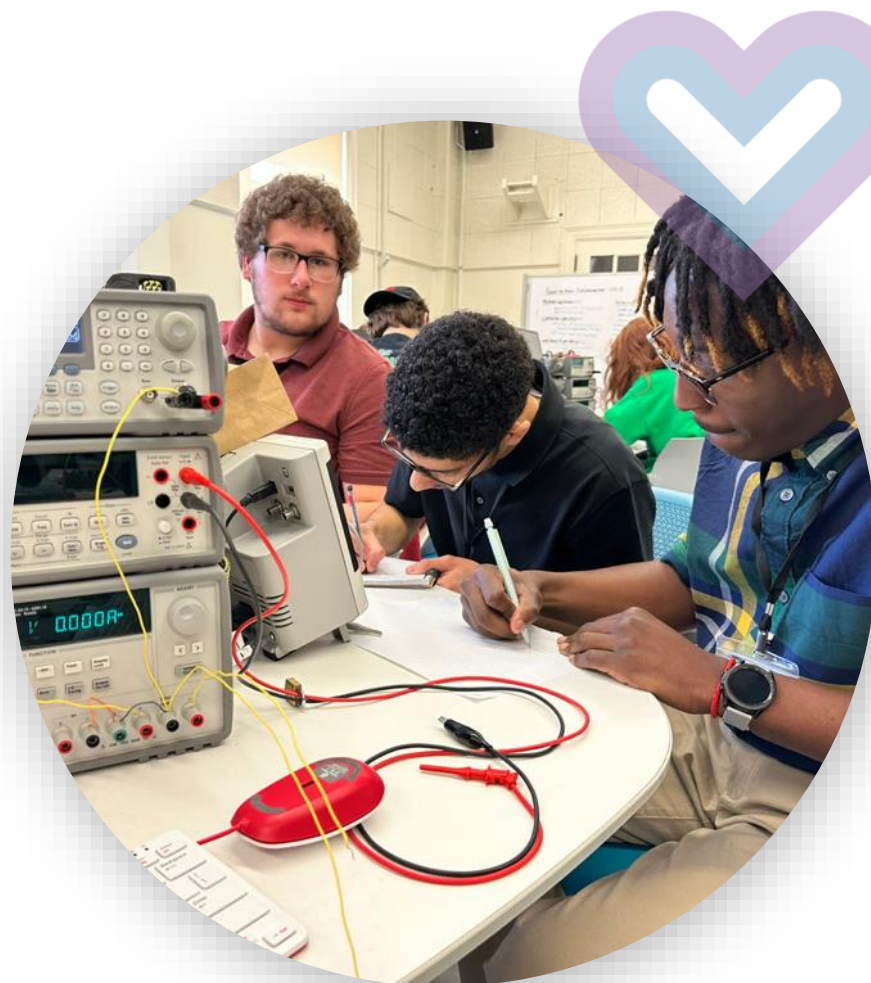
Our Vision

To be the heart of IEEE charitable giving and philanthropy.



Our Mission

To expand the IEEE charitable body of work by inspiring philanthropic engagement that ignites a donor's innermost interest and values.





Our Core Values

- **Integrity**

We act ethically and respectfully in every relationship and fulfill our obligations in a trustworthy, transparent, and fair manner.

- **Excellence**

We challenge ourselves to deliver the very best in all we do, embrace the power of focus, and drive for meaningful outcomes.

- **Collaboration**

We promote an inclusive and equitable culture and support global programs to enable the world's citizens to invest in the application of technology that collectively benefits all humanity.

- **Stewardship**

We act with courage to advance diversity in the technical profession, shape a more impactful future in the pursuit of transformational change and make decisions with focused purpose to safeguard the assets entrusted to us.



Benefitting IEEE's Mission



Inspire Philanthropic Investment in IEEE

- Enabling donors to invest in IEEE Programs
- Matching donors to their favorite IEEE Programs



Manage Donations for IEEE

- Ensuring effective financial management & strong governance
- Stewarding donors and their gifts



Invest in IEEE Programs

- Turning donations into action and impact
- Providing philanthropic guidance





260+

Donor designed Funds

for

60+

IEEE Program Partners
supporting hundreds of
awards, scholarships, and
initiatives



74.2 M\$

Fund Balance

of which

14.5 M\$

is unrestricted funds
– remainder is restricted by
the donors



Donor Supported Programs





Illuminate

the possibilities of technology by using it to address global challenges



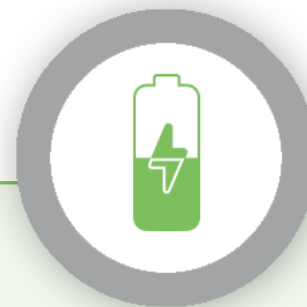
Educate

the next generation of innovators and engineers



Engage

a wider audience in appreciating the value & importance of technology



Energize

innovation by celebrating technological excellence



Future

looks beyond our lifetime to shape the destiny of future generations






Just a Few of the 260+ Programs

Please see Appendix for Examples by Pilar



Donor-Supported Program Metrics History

		2020	2021	2022	2023
	Lives Transformed	279,936	325,878	795,587	789,398
	Volunteer Hours	46,866	68,157	106,132	121,212
	Sustainable Projects & Deployments	277	728	1,253	1,834



2023 Program Statistics by Pillar



Illuminate

- **124,802** Lives Transformed
- **112** Sustainable Projects & Deployments
- **12,473** Volunteer Hours



Educate

- **204,860** Pre-University Students Introduced to STEM & Tech History
- **621,645** Total Individuals Educated
- **2,725** University Student & Professionals Impacted



Engage

- **15** Oral Histories Collected
- **1000+** Life Member Activities Conducted
- **12** IEEE Milestones Dedicated



Energize

- **108,739** HKN Volunteer Hours
- **368** Professionals Recognized
- **54** Medal, Recognition & Technical Field Award Recipients

IEEE-Eta Kappa Nu



Future

- **1,600** Lives Transformed
- **8** Sustainable Projects & Deployments



Donor Supported Programs around specific topics



Learn More: <https://www.ieeefoundation.org/impact/student-and-young-professionals/>



IEEE
Foundation



IEEE Power & Energy Society
SCHOLARSHIP PLUS INITIATIVE®

Preparing the Next Generation of Power & Energy Engineers

IEEE
Awards

IEEE-Eta Kappa Nu



IEEE
EMPOWER
A BILLION LIVES™
An IEEE-PELS Initiative

EPICS IN **IEEE**
Engineering Projects In Community Service

IEEE SIGHT

Special Interest Group on
Humanitarian Technology



How to Ask for Support



Funding Available for Philanthropic Programs or Projects

The Foundation is interested in supporting:

- New/existing projects and programs that improve access to technology, enhance technological literacy, and/or support technology education
- Fundraising dollar match opportunities

Proposed Programs/Projects:

- Expected to result in measurable and lasting impacts
- Operated by an IEEE units

Requests accepted on a rolling basis

For details, criteria, terms & conditions and forms visit: <https://www.ieeefoundation.org/funding-requests>



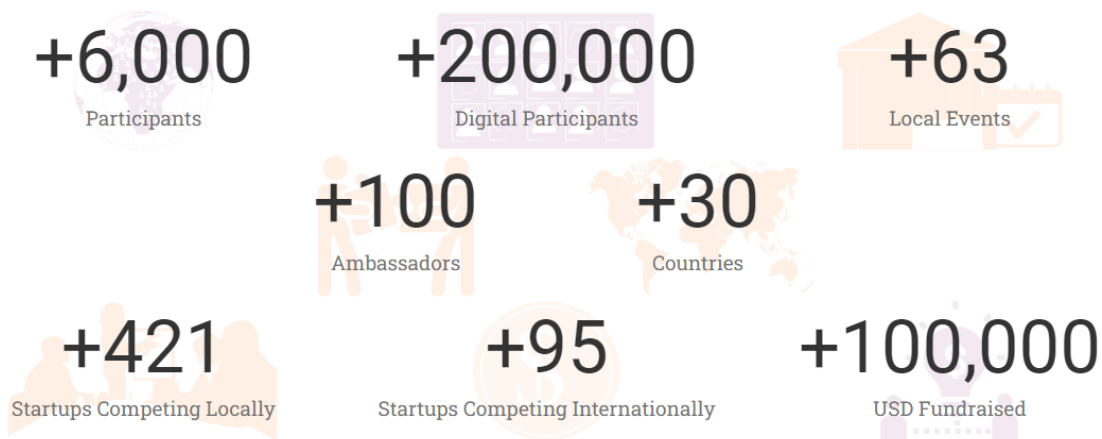
Supporting IEEE Region 8





- ▶ Initiative announced in 2018 with grant funding of 30,000 USD from the IEEE Foundation
- ▶ Dedicated to inspire entrepreneurship and innovation within the IEEE community in Europe, Middle East and Africa
- ▶ Region 9 received a 2024 Foundation grant to replicate the effort

Impact





Bright Hope Turkana: Natoot Farm Solar Irrigation, Kenya



Rural Development Organization - Tanzania



MEED Renewables: Furana LightUp Project, Kaduna State, Nigeria



Kuumba-ZED: Women-led Gemstone Cutting, Zambia

REGION 8 PROJECT IMPACTS

\$17,000+
IEEE Funding

+1,200
Est. People
Impacted

52
Students

13
Volunteers



IEEE History Center: Milestones Program



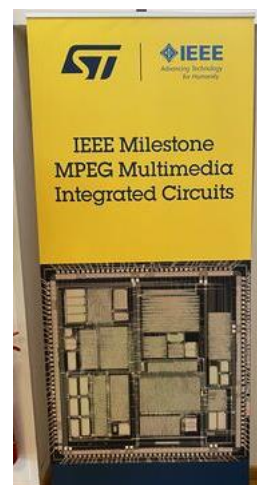
Official Cavity Magnetron plaque



IEEE President Coughlin presents Cavity Magnetron plaque to Adam Tickell, University of Birmingham Vice-Chancellor



Official MPEG Multimedia Integrated Circuits plaque



MPEG dedication banner



English and French plaques on the Cable Museum in Orleans, Massachusetts



Plaque marking the French end of the cable

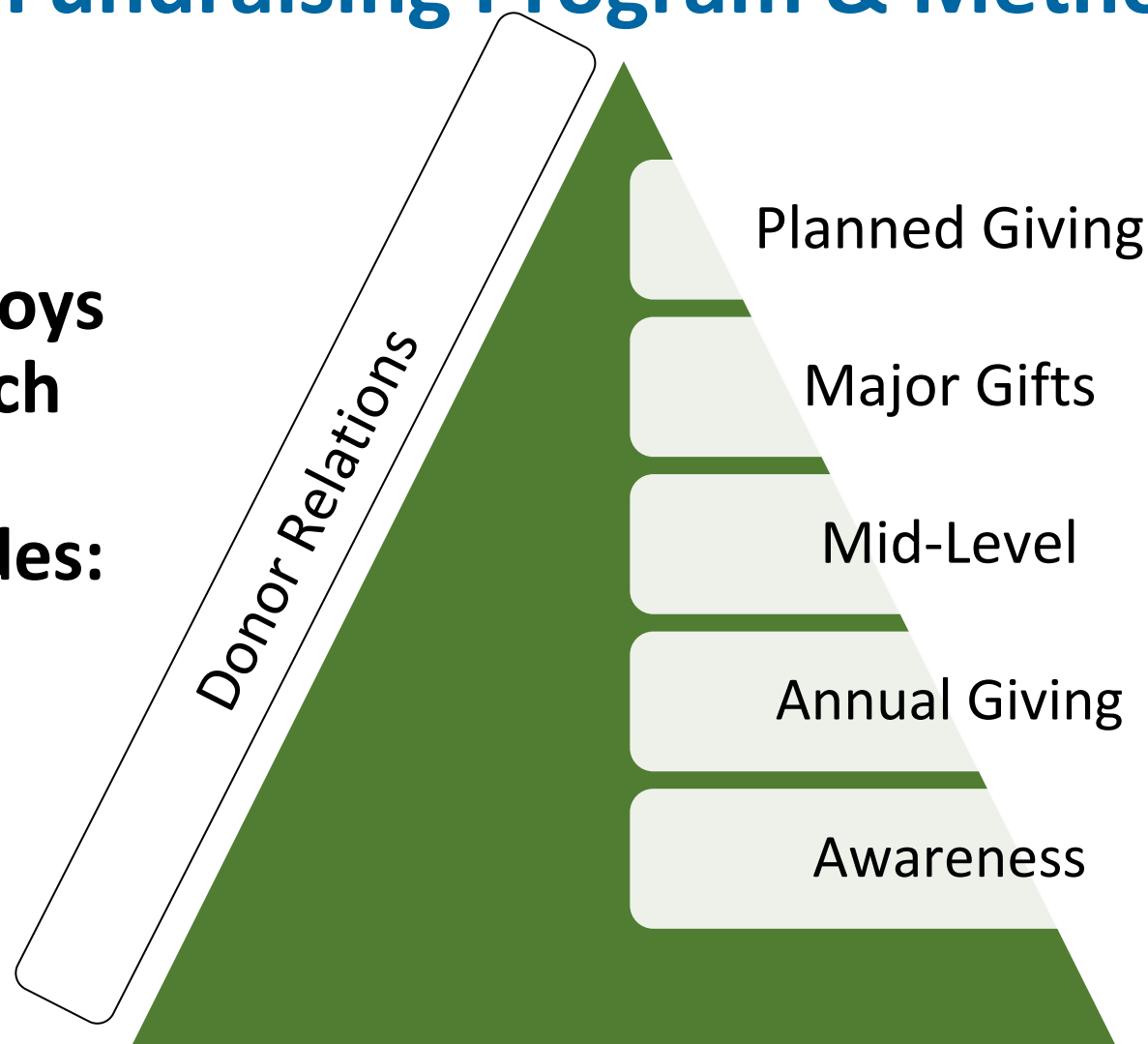
The Glenlair House - Dumfries & Galloway, Scotland



Supporting the IEEE Foundation



IEEE Foundation employs a Multi-tiered approach to its Fundraising Program, which includes:



Help Us Grow our Impact by Sharing Your...



Time

Share your most precious asset – **time** – to advance an IEEE program



Talent

Share your unique **talents**, knowledge, and experience to help an IEEE program deliver its mission



Treasure

Share your **treasure** by making a donation to an IEEE program



Online at
www.ieee.org/donate

Mail a check to IEEE
Foundation

Leverage company
matching –
dollars & volunteer
hours

Tribute Giving –
'in honor or memory'

IRA Charitable
Rollover

Donor Advised Funds

Appreciated
Marketable Securit

Donate cash prizes
and honoraria

Appreciated
Cryptocurrency

Estate Giving –
bequests &
beneficiary
designation



Donor Recognition Badges



Questions and Comments?



Illuminate



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Engage



Energize



Future

www.ieee.org/donate

Appendix





Illuminate

the possibilities of technology by using it to address global challenges



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the next generation of innovators and engineers



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a wider audience in appreciating the value & importance of technology



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Illuminate

*Illuminate the Possibilities of Technology
by Using It to Address Global Challenges*



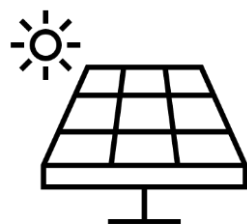


IEEE Smart Village

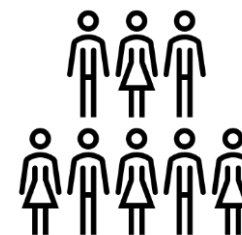
Empowering off-grid communities by delivering productive use of technology, educational services and enterprise development since 2009



~200 projects
incubated
worldwide



6,000 PV
solar panels
installed



1.4+ million people
in 18 countries lives
have been
transformed

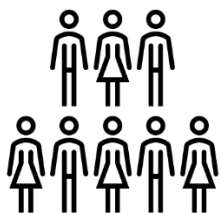
Learn more: smartvillage.ieee.org/



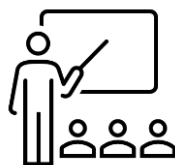


IEEE SIGHT

A global network of IEEE volunteers partnering with underserved communities & local organizations to leverage technology for sustainable development



48K+ IEEE SIGHT
Members from 129
countries in all ten
IEEE Regions



210+ SIGHT
Groups established
in 54 countries



280+ SIGHT
projects funded
since 2013

Learn more: sight.ieee.org



Educate

*Educate the Next Generation
of Innovators and Engineers*



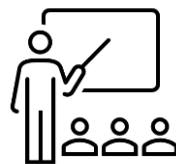


IEEE TryEngineering

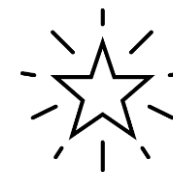
IEEE's robust STEM portal
fostering the next generation
of technology innovators
through access to free
resources



560K+ Website
users annually



125+ Free K-12
related Lessons
Plans available



43 STEM grants
awarded to IEEE
groups for local
STEM activities
in 2023

Learn more: tryengineering.org

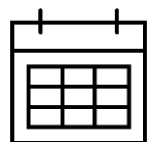




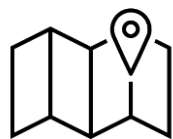
TryEngineering Summer Institutes Scholarships

Sparking enthusiasm for engineering and technology in the next generation.

Support ensures all who are interested and qualify, regardless of ability to pay, have the opportunity to experience this exciting summer program.



Two-week co-ed summer program that explores multiple engineering disciplines



Four on-campus locations across the United States ideal for the budding problem solvers



31 full scholarships awarded for immersive program in 2023

Learn more: tryengineeringinstitute.ieee.org



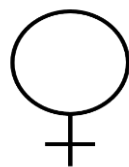


IEEE Power & Energy Scholarship Plus Initiative

Transformational scholarship
program ensuring the future
of power & energy sector



2,000+ scholarships
awarded to **1,100+** EE
students in US, Canada &
Puerto Rico



25% of PES
Scholars are
female



60% of the
PES Scholar
Alumni working
full time

Learn more: www.ee-scholarship.org/



Engage

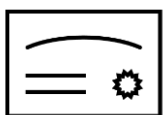
*Engage a Wider Audience in Appreciating
the Value and Importance of Engineering
and Technology*





IEEE History Center

Preserving the past,
enlightening the future



240+ IEEE Milestones
dedicated to honor
significant technical
achievements



850+ Technology
icons' memories
preserved in the
IEEE Oral History
Collection



5,000+ unique
articles on the
Engineering &
Technology History
Wiki – ethw.org

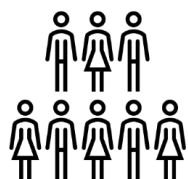
Learn more: ieeefoundation.org/about/history-center/





IEEE Life Members Fund

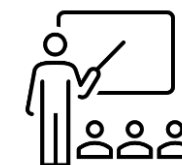
Leading the way and giving back to keep IEEE Life members active and nurture the next generation.



38,000+ IEEE Life Members worldwide



160+ Life Member Affinity groups working to LMs active



145,000+ IEEE student members in need of nurturing, mentorship, and support

Learn more: ieeefoundation.org/about/history-center/



Energize

*Energize Innovation by Celebrating
Technological Excellence*





IEEE-Eta Kappa Nu
Honor Society of IEEE -
where the importance of
scholarship, character and
attitude are understood
and celebrated



260+ IEEE HKN
Student and Alumni
Chapters around the
globe



100K+ Community
Service hours logged
by HKN student
members during
2021-2022



119 years of
service to
society

Learn more: hkn.ieee.org/





IEEE Global Awards

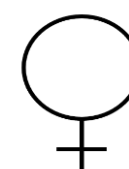
Recognizing excellence
in innovation



20 IEEE Medals celebrating innovative technological advances that shape our lives and the future



29 IEEE Technical Field Awards recognizing excellence across the IEEE fields of interest



2 IEEE Medals named after iconic female innovators

Learn more: corporate-awards.ieee.org/



Future

*Looks beyond our lifetime to shape
the destiny of future generations*





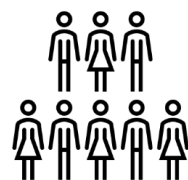
IEEE Women in Engineering

Promoting women engineers & inspiring girls to follow their dreams of a career in STEM.

Support nurtures and grows activities that promote and advance youth and women in engineering and science.



27 Years
dedicated to
changing the face
of engineering



40,000+ members
(women & men) in
100+ countries
around the world



200+ local IEEE-
WIE Groups
worldwide

Learn more: wie.ieee.org





<https://vimeo.com/904536191>





Incorporated in the State of
New York on 16 Feb 1973



Purpose as defined in
Certificate of Incorporation =
***Further the scientific and
educational purposes of IEEE***



Qualified by the US Internal
Revenue Services as a
501(c)(3) Public Charity



Help Us Help IEEE



Share success stories about donor supported programs

Lead by example by making a philanthropic gift to your favorite program– ieeefoundation.org/donate

Leverage your company's matching gift program to double the value of your gift

Encourage your fellow IEEE members to donate

Work with the IEEE Foundation to thank donors, find new donors, and more!



IEEE Foundation

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