IEEE INDONESIA SECTION | IEEE Humanitarian Technologies Board | IEEE SIGHT Special Interest Group on Humanitarian Technology | ITS Institut Teknologi Sepuluh Nopember

Sosialisasi Call for Proposals

Internet for All *(Due: 12 April 2023 at 11:59pm EDT)*

https://www.comsoc.org/membership/internet-for-all

IEEE HTB/SIGHT Projects *(Due: 17 April 2023 at 11:59pm EDT)*

https://htb.ieee.org/funding-opportunities/projects/

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HATMA Suryotrisongko, S.Kom., M.Eng., Ph.D.

Head of **Smart City** and **Cybersecurity** laboratory

Looking forward to cybersecurity-related research collaboration

Juga melayani Pro Bono (pengabdian masyarakat) untuk institusi pendidikan dan UMKM

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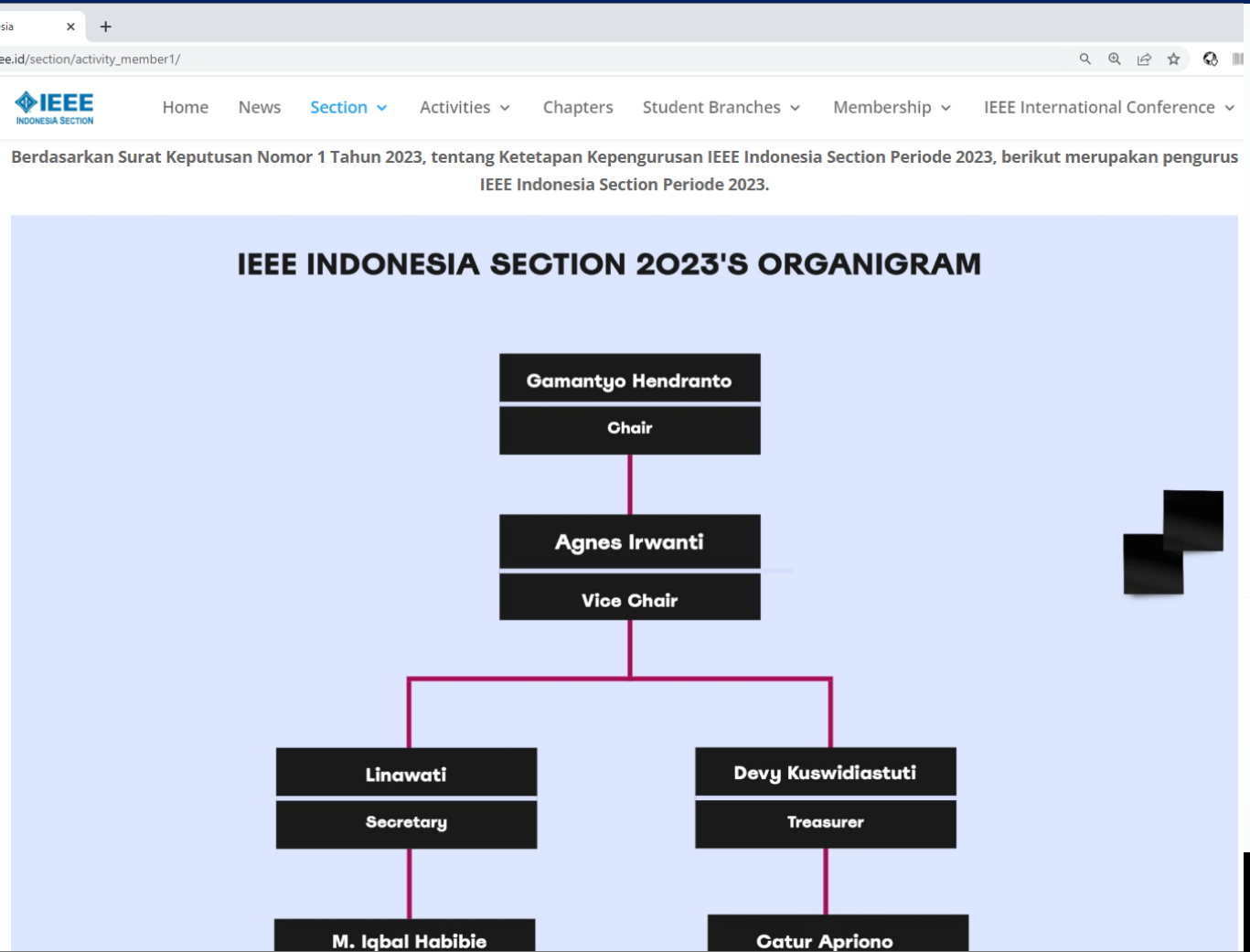
- IEEE Indonesia Section, Activity Committee: Humanitarian Technology and Outreach
- Lab. Kota Cerdas dan Keamanan Siber, Institut Teknologi Sepuluh Nopember (ITS, Surabaya)
- Internet of Thing (IoT) and Defense Technology (TP) Research Center
- ITS Quantum Computing and Information Group



https://ieee.id/

Humanitarian Technology and Outreach:

1. Dian Sawitri
2. Muladi
3. Hatma Suryotrisongko

What is IEEE HAC?

The IEEE Humanitarian Activities Committee (HAC) provides leadership as well as a suite of resources that inspire and enable IEEE volunteers around the world to carry out and support impactful humanitarian technology and sustainable development activities at the local level.

IEEE Humanitarian Activities Committee (HAC) re-established as the IEEE Humanitarian Technologies Board (HTB)

https://htb.ieee.org/

Humanitarian Technology = Teknologi Kemanusiaan = ???

IEEE

Humanitarian Technologies

The **IEEE Humanitarian Technologies Board (HTB)** inspires and empowers IEEE volunteers around the world carrying out and supporting impactful humanitarian technology activities at the local level.

The IEEE HTB mission is to support impactful and ethically informed volunteer-led

itarian Technology and Su ×

iln.ieee.org/ContentDetails.aspx?id=C19BF142209144468F681624D11AED5D

IEEE.org | IEEE *Xplore* Digital Library | IEEE Standards | IEEE Spectrum | More Sites

IEEE LearningNetwork

Home My Courses Transcript Browse Catalog Search Catalog

Humanitarian Technology and Sustainable Development at IEEE

Course Program

This curriculum equips participants with a basic understanding of humanitarian technology and sustainable development, and how these concepts are different from aid, charity, and disaster relief. It outlines the need for holistic analysis of existing systems, instructs on the principles of community engagement, and covers the role of appropriate technology in sustainable development.

This curriculum includes the following courses:

1. Introduction to Sustainable Development
2. Multidisciplinary Perspectives in Humanitarian and Sustainable Development Activities
3. Community Engagement in Sustainable Development Projects
4. Humanitarian Technology for Sustainable Development
5. Sustainable Project Design
6. Project Assessment, Monitoring and Evaluation

Learning about these topics will provide a strong foundation about humanitarian technology and sustainable development, and will better prepare you to conduct a related activity or project. Tailored for busy IEEE members, each module should take only 20 - 30 minutes to complete. Courses may be taken individually, but as content from previous courses is frequently referenced, it is recommended to complete the curriculum in the order listed.

This curriculum is brought to you by the IEEE Humanitarian Activities Committee (HAC) and the IEEE Special Interest Group on Humanitarian Technology (SIGHT).

https://iln.ieee.org/public/contentdetails.aspx?id=C19BF142209144468F681624D11AED5D

Example: Sun King Solar lamps, by Greenlight Planet
https://www.youtube.com/watch?v=daN8bMCKxUk
This project exemplifies the 3 pillars of sustainable development. By replacing dangerous kerosene lamps with solar power, Sun King lamps benefit all 3 pillars:
People: livelihood, education and community
Planet: transition to cleaner, renewable energy
Profit: for local manufacturers and distributors

IEEE Public - Google Chrome

iln.ieee.org/Kview/CustomCodeBehind/base/courseware/scorm/scorm12courseframe.aspx

Humanitarian Technology for Sustainable Development

- Learning Objectives
- Overview of Technology in Sustainable Development
- Appropriate Technology
- Matching Solutions to the Local Context
- Practice example: Clean and efficient home cooking stoves
- Additional Resources

Overview of Technology in Sustainable Development

Science, technology and innovation are widely recognized as key tools for addressing the SDGs and for implementing, scaling and tracking solutions.

"**Humanitarian Activity**" is any action promoting human welfare, for the good of the community. Such projects can include a wide variety of technologies. When we discuss **Humanitarian Technology** we refer to new, innovative technologies being used in humanitarian projects.

For example, a project aiming to increase awareness and percentage of polio vaccinations in rural India is a humanitarian project. If that project employs new technologies such as mobile phones and tablets to spread information and train medical staff, then we would consider it a humanitarian technology project.

"Kegiatan Kemanusiaan" adalah setiap tindakan yang memajukan kesejahteraan manusia, untuk kebaikan masyarakat. Proyek semacam itu dapat mencakup berbagai macam teknologi.

Saat kita membahas **Teknologi Kemanusiaan**, kita mengacu pada teknologi baru dan inovatif yang digunakan dalam proyek kemanusiaan.

SDG Indicators

unstats.un.org/sdgs/metadata/?Text=technology&Goal=&Target=

Search

technology

Select Goal

Select Target

Filter Clear Back

technology 2/

Goal 1. End poverty in all its forms everywhere

Target 1.4: By 2030, ensure that all men and women, in particular the poor and the vulnerable, have equal rights to economic resources, as well as access to basic services, ownership and control over land and other forms of property, inheritance, natural resources, appropriate new technology and financial services, including microfinance

- **Indicator 1.4.1:** Proportion of population living in households with access to basic services
  See metadata :
- **Indicator 1.4.2:** Proportion of total adult population with secure tenure rights to land, (a) with legally recognized documentation, and (b) who perceive their rights to land as secure, by sex and type of tenure
  See metadata :

Goal 2. End hunger, achieve food security and improved nutrition and promote sustainable agriculture

Target 2.a: Increase investment, including through enhanced international cooperation, in rural infrastructure, agricultural research and extension services, technology development and plant and livestock gene banks in order to enhance agricultural productive capacity in developing countries, in particular least developed countries

- **Indicator 2.a.1:** The agriculture orientation index for government expenditures
  See Metadata :
- **Indicator 2.a.2:** Total official flows (official development assistance plus other official flows) to the agriculture sector
  See Metadata :

Goal 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

Target 4.4: By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship

- **Indicator 4.4.1:** Proportion of youth and adults with information and communications technology (ICT) skills, by

SUSTAINABLE DEVELOPMENT GOALS

Humanitarian Technology for Sustainable Development ???

- How the SDG target and indicators break down the goal into concrete, tangible, measurable criteria.
https://unstats.un.org/sdgs/metadata/
- Collection of successful projects targeting SDGs in developing regions
https://www.un.org/sustainabledevelopment/blog/category/hlpf2018/success-stories/

FUNDING OPPORTUNITIES (1/2)

IEEE HTB/SIGHT Projects Call for Proposals Focused on Pressing Community Needs

https://htb.ieee.org/funding-opportunities/projects/

FUNDING DETAILS

And DEADLINE

- HTB/SIGHT will make awards of between US$1,000 and US$10,000 per project.
- Term of funding: Up to six months following the project start date.
- Applications may be submitted starting 15 March 2023 and will be reviewed on a rolling basis.
- Final deadline to submit: 17 April 2023 at 11:59pm EDT.

Projects must focus on people first,

rather than starting with a particular technology that needs to find a use.

- Agricultural Technology
- Climate Sustainability Technology
- Information and Communications Technology (ICT), including rural communications and connecting the unconnected
- Sustainable Power Technology
- Water, Sanitation, and Hygiene (WaSH) Technology
- Other technologies to address pressing community needs

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A special consideration

for this call for proposals

- to support projects that apply **existing proven technologies** within IEEE designated fields to challenges faced by a localized community of persons with disabilities or local organizations that serve persons with disabilities.

- This can include customization of the technologies, but would not include the development of new medical-type prototypes or research projects.
- Applicants of these proposals must demonstrate collaboration with the beneficiaries in the identification of the need and proposed solution.

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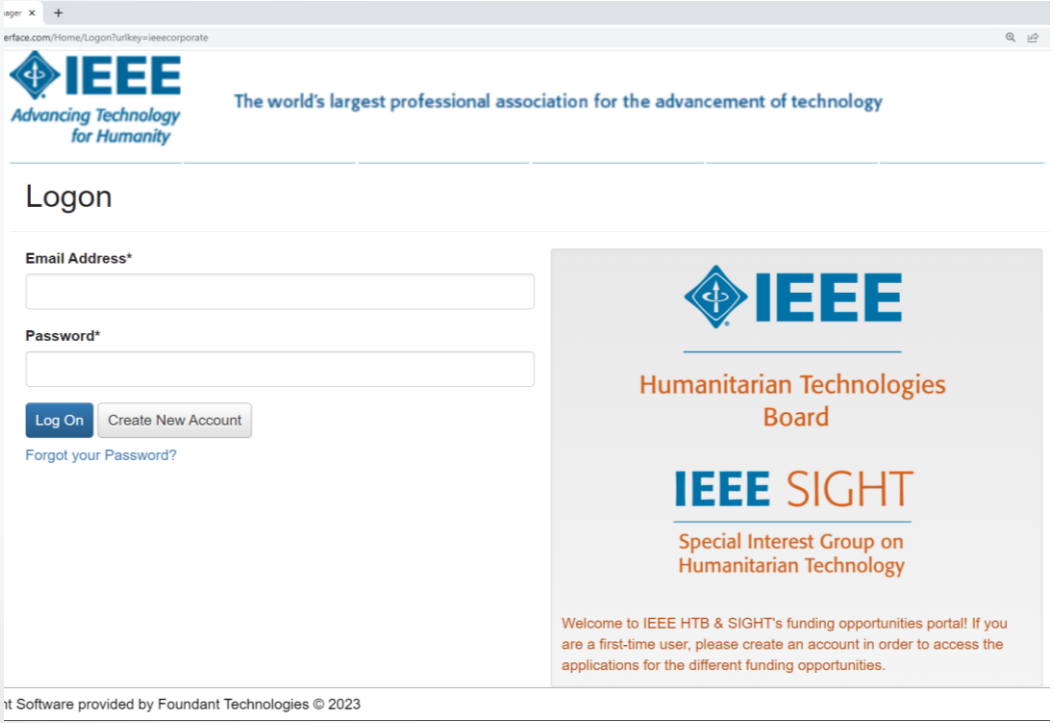
HOW TO APPLY (1/2)

Submit online



- Please submit via the IEEE HTB/SIGHT Online Funding Opportunities Portal.
- https://www.grantinterface.com/Home/Logon?urlkey=ieeecorporate

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HOW TO APPLY (2/2)

Template

- Please download this template files which will be required to be uploaded into your online application:
  - 2023 **Budget** – IEEE HTB|SIGHT Project Application
  - 2023 **Project Assessment Matrix** – HTB|SIGHT Project

CLICK HERE to see instructions for completing the budget template below.

IEEE Humanitarian Technologies Board (HTB) and IEEE SIGHT
IEEE HTB & SIGHT Project Application - Budget Form 2023

DATE: [Date you submit Grant Application - DD MM YYYY]

PROJECT ID #: [OFFICE USE ONLY]

PROJECT TITLE: [Insert the same title as the one on your Grant Application.]

Enter details and amounts in the appropriate columns. All amounts must be shown in US Dollars.

Funding or Income Received or Expected from other sources	USD Amount

Funding Amount Requested from IEEE HTB Projects	USD Amount

FUNDING RECEIVED or EXPECTED from OTHER SOURCES

List the details of other funding, income or resources expected or received:

Source of Funding/Resources	Amount/Value

EXPENSES

List and Group ALL Project Expenses	Expenses to be Paid from Grant (in US Dollars)	Expenses to be Paid from Other (in US Dollars)

IEEE HTB/SIGHT Project Assessment Matrix 2023

For information about the matrix, please click here.

PROJECT NAME: *enter Project Name, same as on application, here*

OBJECTIVE: *enter statement of objective here*

INTERNAL Project #	INDICATOR	DEFINITION *How is it calculated*	BASELINE *What is the value at project inception*	TARGET *What is the target value?*	ACTUAL *Value at project close.*	DATA SOURCE *How is it measured?*	FREQUENCY *How often measured?*	RESPONSIBLE *Who measures?*	REPORTING *Where is/was it reported?*
OUTPUT: *state output #1 here*									
OUTPUT: *state output #2 here*									
OUTPUT: *state output #3 here*									
OUTCOME: *state outcome #1 here*									

PAST FUNDED PROJECTS

https://docs.google.com/spreadsheets/d/1VL3cr8R0nLBoERCeSfytfhweh9NUGe0LJANc0EYcPAc/edit#gid=0

https://htb.ieee.org/wp-content/uploads/2019/12/HAC-Project-Funds-Awarded-12-6-19.pdf

- Portable Patient Monitoring System (PPMS) for Covid-19 Patient During Transportation on Ambulance
- SMART to support distance-learning during Covid19
- Lentera UMKM - Technology Solution for MSMEs Product Selling Market in Pandemic Covid-19 Era
- Low Bandwidth and Immersive Virtual Classroom
- Sahabat Piringku - A Nutrition Guide and Recipe Repository for Family Resilience in COVID-19
- Si Covid (Sistem Interaktif CoViD-19) Interactive WebGIS-based Pandemic Vulnerability Mapping
- Web-based Application for Tracing COVID-19 in East Java Province, Indonesia
- Women Against Disruptive Information on COVID-19 Pandemic in Indonesia
- LENTERA: sign Language-based EducatioN through augmenTEd ReAlity

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Where should all proposals start?

- A proposal should be for a “feet on the ground” initiative that applies technology to a challenge faced by a local, underserved community. “Local” is defined by the fact that key leaders of the project are citizens and/or permanent residents of the area where the project would take place.
- There should be strong community input and partnerships
- HAC/SIGHT projects must include: deployment of technology, customization of technology, and/or development of technology
- A project may involve multiple activities (community building, technology adaptation, deployment, etc.).
- Must focus on ensuring the sustainability of project results.

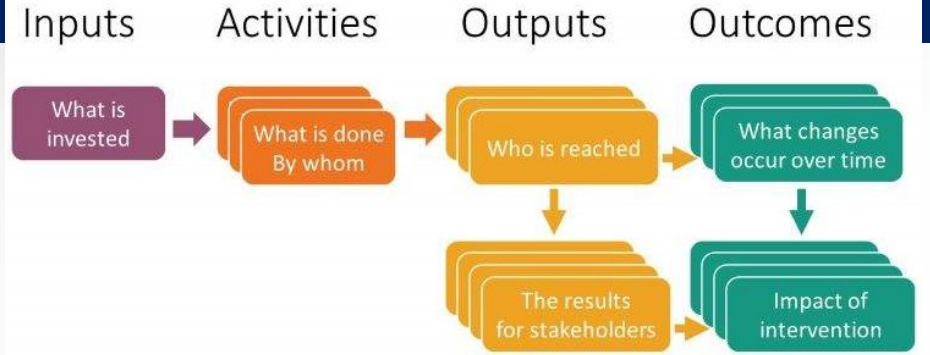
Basic Characteristics of a Great Proposal

HTB/SIGHT aim to fund projects that:

- Provide good use of IEEE expertise - shows the best of what IEEE can offer the community (technological component is strong)
- Clear engagement with the community, indicating that the proposed solution is both desired and feasible
- Established relationships, ideally documented, with stakeholders who will be involved in project implementation
  - Clear, detailed, and credible Project Assessment Matrix, Project Implementation Plan, and Budget
  - Team has the combined experience to credibly execute the project
  - Identifies and addresses potential risk
  - Project will have real, tangible impact

If a proposal is missing the mark on two or more of these areas, it might not be ready for funding.

Projects Intended Path



The human, financial, organizational, and community resources a project has available to direct toward doing the work.

The processes, tools, events, technology, and actions that are an intentional part of the project implementation.

The direct products of the project activities and may include types, levels, and targets of services to be delivered by the project.

The specific changes in project participants' behavior, knowledge, skills, status & level of functioning.

The long-term effect you expect your outcomes to lead to in 5+ years.

Planned project work | ***Intended project results***

Certain resources are needed to operate your program

*If you have access to them, **then** you can use them to accomplish your planned activities*

*If you accomplish your planned activities, **then** you will hopefully deliver the amount of product and/or service that you intended*

*If you accomplish your planned activities to the extent you intended, **then** your participants will benefit in certain ways*

*If these benefits to participants are achieved, **then** certain changes in organizations, communities, or systems might be expected to occur*

RESOURCES / INPUTS → **ACTIVITIES** → **OUTPUTS** → **OUTCOMES** → **IMPACT**

1 | 2 | 3 | 4 | 5

Your Planned Work | ***Your Intended Results***

Important Vocabulary:
- Inputs/Resources
- Project Activities
- Outputs
- Outcomes
- Impact

OBJECTIVE:	Demonstrate the feasibility of renewable battery energy storage								
	INDICATOR	**DEFINITION** How is it calculated?	**BASELINE** What is the value at project inception?	**TARGET** What is the target value?	**ACTUAL** Value at project close.	**DATA SOURCE** How is it measured?	**FREQUENCY** How often measured?	**RESPONSIBLE** Who measures?	**REPORTING** Where is/was it reported?
OUTPUT: **Solar powered rechargeable batteries**	Number of solar-powered batteries adopted by community	Total number of signed contracts for a new solar powered battery.	0	45		Partner NGO records	Midpoint and project close		To project team, HAC Projects Committee and HAC Assessment Committee
OUTPUT: **Increased access to renewable power**	Renewable energy generation capacity of batteries received by families	MW	0	4.60		Capacity of batteries delivered		Project team	To project team, HAC Projects Committee and HAC Assessment Committee
OUTCOME: **Improved access to power by families in the village**	Households provided with power by the project (%)	(# of families receiving batteries/# of families in village)*100	12	25			Project close	Project team	Project team, HAC Projects Committee, and HAC Assessment Committee, Business bureau

Contoh Project Assessment Matrix

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Example of Project Assessment Matrix submitted with project proposal:

OBJECTIVE:
Demonstrate the increase in students accessing online education in the context of COVID-19.

Project number (20-COV-xxx)	INDICATOR	DEFINITION *How is it calculated?*	BASELINE *What is the value at project inception?*	TARGET *What is the target value?*	ACTUAL *Value at project close.*	DATA SOURCE *How is it measured?*	FREQUENCY *How often measured?*	RESPONSIBLE *Who measures?*	REPORTING *Where is/was it reported?*
OUTPUT: **Internet networks rehabilitated in schools in the indigenous area of Nabon**	Number of internet networks rehabilitated and with internet access	Total number of networks rehabilitated and delivered to the Municipality	0	20		Bandwidth measurement on an end device in the school (Speed Test)	Monthly	Project team, Nabón Municipality	HAC Projects Committee, Project team, Nabón Municipality
OUTPUT: **Community children trained in STEM areas**	Number of students trained in STEM areas	Total number of students trained in STEM areas	0	200		Participant list	Monthly	Project team, Motorola Volunteers	HAC Projects Committee, Project team, Motorola Foundation
OUTPUT: **Technicians of the municipality trained for the sustainability of the network**	Number of technicians trained	Total number of technicians trained in the maintenance of the network	0	3		Participant list	Project close	Project team, Nabón Municipality	HAC Projects Committee, Project team, Nabón Municipality
OUTCOME: **Provide internet access in schools in the indigenous area of Nabón**	Number of schools with access to internet.	Total number of internet networks rehabilitated delivered to the Municipality of Nabón	0	20		Survey of Directors schools in the community	Monthly	Project team, Nabón Municipality	HAC Projects Committee, Project team, Nabón Municipality
OUTCOME: **Community children will acces virtually to your education in the COVID-19 context.**	Percentage of students with internet access in their schools	# of children with acces virtually to your education/ # total of students	15%	100%		Survey of Directors schools in the community	Monthly	Project team, Nabón Municipality	HAC Projects Committee, Project team, Nabón Municipality
OUTCOME: **Children will develop a more positive attitude about science, math and school in general.**	Attitudinal score on a pre/post assessment tool.	# of children interested in a STEM career / # total of children	10%	40%		Student STEM attitudinal questionnaire	Monthly	Project team, Nabón Municipality	HAC Projects Committee, Project team, Motorola Foundation

Attributes of projects considered:

- Applicants must clearly articulate how the project addresses a **pressing need of their local community.**
- **Proposals must involve deployment of technology, customization of technology, and/or development of technology.**
- Projects should have strong connections with local IEEE organizational units (OUs) and **engage a significant number of IEEE members** that are currently living in the country/countries where the project is to take place.
- Project teams must have relevant technical and other expertise to credibly execute the project.
- The local community must be actively involved in determining what is needed/desired and how a project will be designed and executed. **Projects must supply letter(s) of support from the community** to demonstrate this.
- Proposals must include a thorough **sustainability plan** that includes educational efforts to ensure that local communities are able to continue managing the deployed solution after the conclusion of the six months grant period.
- Proposals must clearly articulate the **impact** of the project and how it will be measured, using the Project Assessment Matrix.

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Projects NOT considered:

- Projects that do not directly relate to a pressing need of a specific community.
- Projects that do not involve deployment of technology, customization of technology, and/or development of technology.
- Projects that do not clearly articulate active community involvement.
- Projects that are primarily research or commercial in nature.
- Projects that are purely STEM education-related will not be considered. Projects that have a STEM education component are required to utilize the extensive resources on TryEngineering or justify why they are not applicable to the project.
- Projects with no clearly articulated plan for impact measurement.
- Projects that solely deal with immediate disaster relief.
- Projects focused on developing medical devices or medical device prototypes.

Eligibility to apply:

- The primary applicant must be an IEEE Professional member or higher in good standing.
- Student members may be secondary applicants.
- HTB checks all member numbers during the intake process.
- If membership status of the primary applicant is in arrears, the submission cannot move forward.
- Each team may submit only one proposal.
- Project teams that received HTB or SIGHT funding for a project in the past may only apply if the project has been successfully completed and all reporting requirements fulfilled.

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Evaluation Criteria

Applications will be reviewed based on the following criteria:

- Benefit to the affected local community
- Project scope well defined
- Strength of team and capacity to attain goal
- Involvement of relevant stakeholder network
- Relevance to IEEE's mission of advancing technology for the benefit of humanity
- Overall potential for success

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Learning Objectives
Monitoring and Evaluation Introduction
Assessment in the Project Life Cycle
Setting Up Projects
Measuring and Tracking Progress
Additional Resources

Learning Objectives

At the end of this module you'll be able to

- [ ] Appreciate the importance of well-planned assessment, and why project assessment is important for the success of your project
- [ ] Implement monitoring & evaluation (M&E) best practices at all stages of the project
- [ ] Set clear goals and strategy for M&E
- [ ] Develop relevant and useful indicators and take baseline measurements
- [ ] Identify data sources and collection procedures to obtain relevant, credible information, including information from community stakeholders

FUNDING OPPORTUNITIES (2/2)

IEEE Communications Society & IEEE HTB ComSoc Internet for All Call for Proposals

https://htb.ieee.org/funding-opportunities/ieee-comsoc-and-htb/

https://www.comsoc.org/membership/internet-for-all

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Digital Divide

- The “Digital Divide” is the gap between those able to benefit from the digital age and those who do not.
- The absence of connectivity is not merely a technological barrier1, but one that affects access to healthcare, education, social services, work, and participation in the global and local economies.
- The power of connectivity lies within the expertise found in our membership.
- As communications engineers, we can help to solve this situation.
- Projects must have a connection to the local IEEE Section and ComSoc chapter and engage a significant number of IEEE ComSoc members.
- HTB and ComSoc require that teams have relevant technical and other expertise to credibly execute the project.

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Funding

up to US$12,000, Term of funding: Up to 6 months

- 1. Teams from around the world will submit project proposals identifying a locality where internet connectivity is needed, and how local ComSoc members and peers will create, plan, and implement the connectivity.

- 2. The Internet for All reviewers will select 2 projects from each Region to be implemented. Regions are defined as:
  - North America
  - Europe, Middle East, Africa
  - Latin America
  - Asia Pacific

- 3 Each selected project will receive up to US$12,000 to implement and sustain the project.

- 4 Teams will train local partners to maintain and sustain the project.

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SUBMISSION TIMELINE

And HOW TO APPLY: https://www.comsoc.org/membership/internet-for-all

- Applications may be submitted starting 13 March 2023.
- We encourage applicants to submit their proposals as soon as they can.
- Final deadline to submit a proposal: **12 April 2023** at 11:59pm EDT.
- The starting point for a project should always be the needs of the community as evidenced through dialogue and relationship with local community organizations and leaders. Projects must focus on people first, rather than starting with a particular technology that needs to find a use.

Who Can Submit a Project?

- Our global ComSoc community is welcome to submit proposals, but please note:
- The primary applicant must be an IEEE ComSoc professional member grade or higher in good standing.
- Student members may be secondary applicants.
- HTB and ComSoc check all member numbers during the intake process. If membership status of the primary applicant is in arrears, the submission cannot move forward.
- In addition, the project lead who is a ComSoc member must be a member of the chapter in the local community where the project is to be implemented.
- Each team may submit only one proposal.

How Do I Submit a Proposal?

https://www.grantinterface.com/Home/Logon?urlkey=ieeecorporate

- Please submit via the IEEE HTB/SIGHT Online Funding Opportunities Portal
- Please download this template files which will be required to be uploaded into your online application
  - https://www.comsoc.org/membership/internet-for-all
  - Project Assessment Matrix
  - IEEE ComSoc and HTB Projects Budget Template

IEEE HAC/SIGHT Project Assessment Matrix 2022-2023

For information about the matrix, please see below.

PROJECT NAME: [enter Project Name, same as on application, here]

OBJECTIVE: [enter statement of objective here]

INTERNAL Project #	INDICATOR	DEFINITION *How is it calculated*	BASELINE *What is the value at project inception*	TARGET *What is the target value?*	ACTUAL *Value at project close.*	DATA SOURCE *How is it measured?*	FREQUENCY *How often measured?*	RESPONSIBLE *Who measures?*	REPORTING *Where is/was it reported?*
OUTPUT: [state output #1 here]									
OUTPUT: [state output #2 here]									
OUTPUT: [state output #3 here]									
OUTCOME: [state outcome #1 here]									
OUTCOME: [state outcome #2 here]									
OUTCOME:									

IEEE Communications Society (ComSoc) & IEEE Humanitarian Technologies Board (HTB)
Internet for All Project Application - Budget Form 2023

DATE: [Date you submit Grant Application - DD MM YYYY]

PROJECT ID #: [OFFICE USE ONLY]

PROJECT TITLE: [Insert the same title as the one on your Grant Application.]

Enter details and amounts in the appropriate columns. **All amounts must be shown in US Dollars.**

Funding or Income Received or Expected from other sources	USD Amount

Funding Amount Requested from IEEE ComSoc	USD Amount

FUNDING RECEIVED or EXPECTED from OTHER SOURCES

List the details of other funding, income or resources expected or received:

Source of Funding/Resources	Amount/Value

EXPENSES

List and Group ALL Project Expenses	Expenses to be Paid from Grant (in US Dollars)	Expenses to be Paid from Other (in US Dollars)

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Attributes of projects considered:

- Applicants must clearly articulate how the project addresses a pressing need of their local community.
- Proposals must involve deployment of technology, customization of technology, and/or development of technology.
- Projects should have active “local” IEEE volunteer involvement. That means that key IEEE members responsible for implementing the project are currently living in the country/countries where the project is to take place. Notably, there must be active participation by a local IEEE ComSoc chapter member(s) with a statement of involvement confirmed by the chapter chair.
- The local community must be actively involved in determining what is needed/desired and how a project will be designed and executed. Projects must supply letter(s) of support from the community to demonstrate this.
- Proposals must clearly articulate the impact of the project and how it will be measured, using the Project Assessment Matrix.

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Community Criteria

The community identified in the project must meet the following criteria:

- There is a real need for Internet access (e.g. service providers do not offer it in that community, or it is prohibitively expensive for members of the community).
- As the project proposal is focused on the Internet distribution and not on the link provisioning of the Internet connection, the individual or project team should demonstrate how the community will continue to have access when the current project is finished (e.g., involving other funding, public or private).

Thank You !!!

https://htb.ieee.org/funding-opportunities/ieee-comsoc-and-htb/

https://htb.ieee.org/funding-opportunities/projects/

https://www.comsoc.org/membership/internet-for-all