Region 3 Projects Proposal

Allen Jones

A "Thank You" to the Projects Committee Members

▸ Damith Wickramanayake

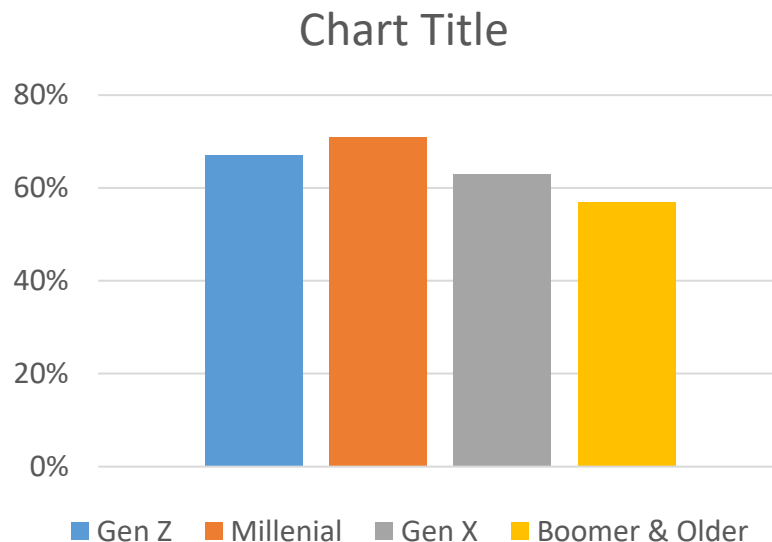▸ Melody Richardson

▸ Rob Hobbs

Projects Committee Charter

▸ The Region 3 Projects Committee is tasked with encouraging **collaboration** and **engagement** among our members and the public by assisting with funding for projects that foster IEEE's goal of "**Advancing Technology for Humanity**."

▸ The committee is recommending the theme of Climate Change for our next round of project funding.

Engagement

Collaboration

Advancing Technology for Humanity

◆IEEE

Why Climate Change as a Project Theme?

Engagement

▸ A high % of US Adults say Climate should be a top priority to ensure sustainable planet for future generations.[1]

▸ Different parts of our Region will be faced with different problems. For example, some areas may be threatened by rising sea levels while others may be impacted more by heat waves. Working on solutions that address local needs may create more opportunities for engagement with members and the public.

Chart Title

Gen Z — Millenial — Gen X — Boomer & Older

[1]Pew Research Center survey - https://www.pewresearch.org/fact-tank/2021/05/26/key-findings-how-americans-attitudes-about-climate-change-differ-by-generation-party-and-other-factors/

4

Why Climate Change as a Project Theme?

Collaboration

▸ Many of the potential solutions have numerous technical challenges with complex tradeoffs. This makes collaboration a critical part of developing robust solutions.

Why Climate Change as a Project Theme?

Advancing Technology for Humanity

▸ There are many potential technical challenges and solutions related to Climate Change.

▸ Climate Change and the associated technical challenges are significant enough that the IEEE Board of Directors formed an ad hoc committee on climate change in February 2022 to coordinate IEEE's response to the threat.

https://commons.wikimedia.org/wiki/File: Renewable_energy_park.jpg

![IEEE logo]

Project Funding

▸ According to Joe Pennisi, the $20,000 "Initiatives Projects" line item of the 2022 budget is intended for use on these Region 3 projects.

▸ It is proposed that these funds be allocated to Climate Change projects that would be undertaken by Sections and their Organizational Units.

▸ The rules for how this would work would mirror the rules used for the Pandemic Projects.

How the Funding will Work

These rules are taken directly from those used for the Pandemic Projects with minor changes for project topics, due dates, email addresses, etc.

Project Topics

What kinds of projects could we do?

Any project that can be associated with Climate Change. Some examples:

- ▸ Projects to Measure the effects of Climate Change.
- ▸ Projects to Avoid Climate Change.
- ▸ Projects to Adapt to Climate Change.
- ▸ Projects to Remediate Climate Change.

These are just some examples. Use your members, Chapters, Affinity Groups, Student Branches, and local businesses to create your own project. Just tie it back to the Climate Change in some way.

- ▸ Note the IEEE rules for working with children: https://www.ieee.org/about/volunteers/risk-insurance/ieee-activities-with-children.html

IEEE

Team Members

▸ Your team should consist of at least 3 IEEE members of your Section and if possible, should include local Chapters, Affinity Groups, Student Branches and local businesses.

▸ The application must specify at least three IEEE team members from your Section and their IEEE member numbers. You may add others to your team after the project begins.

▸ Each Section can only apply for 1 grant. You are welcome to do multiple projects and you can work together with other Sections... but each Section must submit an application and funding will be given to a Section only once for an approved application.

To Apply

The application should be a PDF of 5 pages or less with the following sections:

- Team Name
- Section Name
- Contact person
- Project description
- Who is participating in the project (names and IEEE member numbers)?
- Expected outcome
- Expected costs (Region 3 will cover up to $1000)

Submit applications and an endorsement by the Section Chair (if not the contact) to Allen Jones, allen.jones@ieee.org.

Review

▸ Each application will be reviewed by a review board. If approved, the funds will be transferred to the Section NextGen banking account.

▸ The projects are reviewed based on compliance with these guidelines.

▸ Each Section is eligible for funding of a single project independent of submissions by other Sections.

Reporting

▸ Each Section project team is requested to send a monthly status update to allen.jones@ieee.org.

▸ This update should include progress on the approved project and how the funds are being spent.

▸ A summary of this information will be posted on a region web site to track and publicize all projects.

▸ Submission of pictures is encouraged but must comply with IEEE requirements and restrictions and an IEEE Photo Release.

Timetable

- ▸ Applications must be submitted by October 15, 2022.
- ▸ If all funding has not been exhausted, then a second round of funding that removes the 1 project per Section and $1000 per project constraints will be offered. The deadline for those applications is December 15, 2022.
- ▸ Funds will be released in 2022.
- ▸ The project must be completed by November 30, 2023.
- ▸ If you have any questions, please contact
  Allen Jones – allen.jones@ieee.org.

The Formal Proposal from the SSC

Move that up to $10k of 2022 Initiatives Budget be used to support the Region 3 Project initiative as described. Region 3 will fund accepted proposals through grants transferred to the group's Section NextGen Banking Account upon acceptance by the Project Review Committee and the Region 3 Director's concurrence. Funded groups are expected to produce monthly reports and participate in publicity efforts.