IEEE'S STANDARDS DEVELOPMENT PRINCIPLES

As a global standards developing organization, IEEE supports and advocates for a set of standards development principles, executed by its IEEE Standards Association. These principles help shape and guide a community for voluntary cooperation among interested parties and stakeholders. They also serve to enable technical excellence, global interoperability, and innovation, with the aim of fostering economic growth and societal prosperity.

OUR PRINCIPLES

DIRECT PARTICIPATION
There are no intermediaries between the owner of a promising idea and the group of peers deciding the beginning of a best practice or standard, and where any individual or organization has the ability to submit a proposal.

FOCUS ON PROCESS, NOT INDIVIDUAL ACTORS
Decisions are made with equity and fairness among all participants in a transparent manner and no party dominates or guides the process.

BROAD CONSENSUS
All viewpoints are considered and addressed with decisions made by either a majority or supermajority of participants and where no individual or organization wields undue power in the creation of a standard.

STAKEHOLDER BALANCE
Balance where steps are taken to provide an opportunity for a multitude of stakeholders to participate, ensuring that the process is not dominated by a particular individual, organization, or interest group.

TRANSPARENCY
Processes and procedures under which the standards are developed are broadly available so that participants understand the rules guiding engagement and decisions. Records of decisions and the supporting materials used in reaching those decisions are easily accessible.

GLOBAL OUTREACH TO POTENTIAL STAKEHOLDERS
From the beginning of the process, appropriate notification is given to a global audience and to all potential stakeholders regarding the opportunity to engage.

BROAD COORDINATION FOR COHERENCE
Public comment periods are provided prior to final approval and adoption of all standards. Coherence where IEEE coordinates with industry, governments, associations, and numerous other organizations in the development of standards.

INCLUSIVE
Anyone in the world can participate in developing IEEE standards, and IEEE makes an effort to reach out to both individuals and entities in developing countries. To enable broad participation, IEEE's processes facilitate virtual engagement in standards creation.

◆IEEE

IEEE standards developed under these principles help ensure that markets remain open, allowing consumers to have choice and allowing new entrants to successfully enter markets. Technical standards provide people and organizations with a basis for mutual understanding and are instruments to facilitate communication, measurement, commerce, and manufacturing. They help ensure safety and reliability; enable innovation, and open new market opportunities to their users by allowing interoperability of products, services, and processes; and they create ecosystems that promote economies of scale and healthy competition.

ABOUT IEEE AND IEEE SA

IEEE is the world's largest professional association with the mission of advancing technology for humanity. **IEEE SA** is a leading consensus-building organization within IEEE that nurtures, develops, and advances global technologies through facilitation of standards development and collaboration. The IEEE standards community is comprised of technical experts and thought leaders from around the world, coming from industry, academia, research organizations, governments, and civil society organizations.

GLOBAL, CONSENSUS STANDARDS, DRIVEN BY TECHNICAL MERIT, ARE CREATED THROUGH PROCESSES THAT ENSURE DIRECT AND OPEN PARTICIPATION, WHICH IN TURN FOSTERS INNOVATION.

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