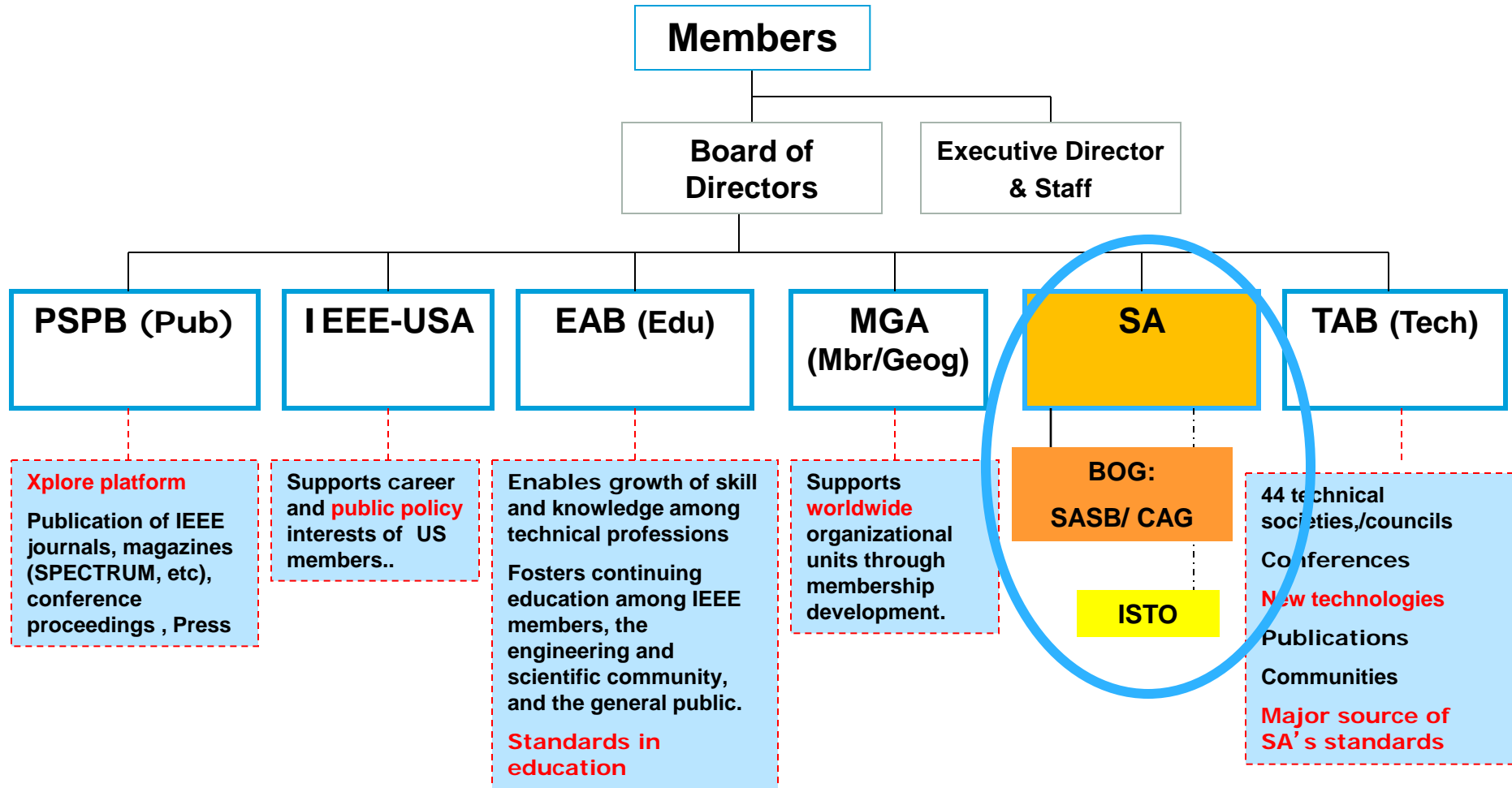


# IEEE Standards Association Overview

# The IEEE-Standards Association (IEEE-SA) is one business unit of the IEEE



# Where We Operate

## Corporate HQ: New York State, USA

- Incorporated under NYS Not-for-Profit Law
- Spectrum, CommSoc, Exec Office

## Main IEEE Campus

- 445 Hoes Lane, Piscataway, NJ

## The Center for Standards and More

- 501 Hoes Lane, Piscataway, NJ, 3<sup>rd</sup> fl

Washington, DC: IEEE-USA / IEEE Computer Society

Los Alamitos, CA: IEEE Computer Society

Singapore

Beijing

Tokyo

Bangalore

Brussels

# IEEE-SA International Cooperation

China  
Japan  
Korea  
Brazil  
Canada



Middle  
East/North  
Africa  
Europe  
South Africa  
India



# IEEE-Standards Association

**Individual  
& Corporate  
Members**



**Board of Governors (BOG)**  
Legal & fiduciary, strategy, policy, finance, N&A,  
Portfolio Mgt, Internat' l, RAC,  
Appeals, Awards

**ISTO**

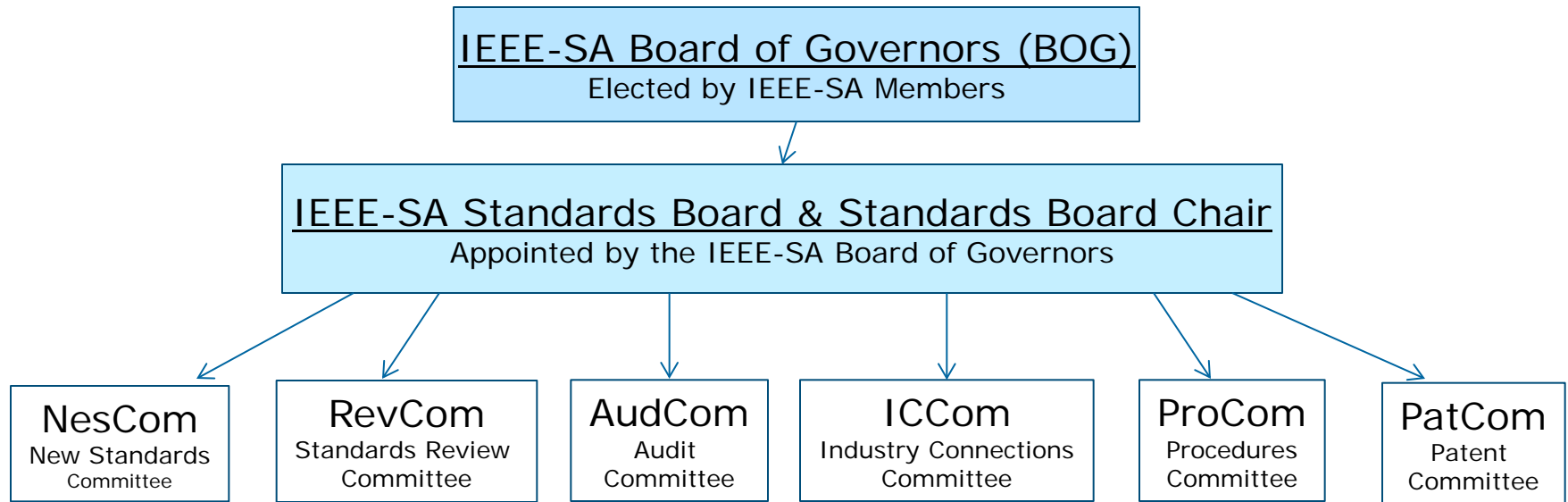
**Standards  
Board (SASB)**  
Standards Process,  
SCC Oversight, IC

**Corporate Advisory  
Group (CAG)**  
Corporate Program Strategy,  
Sponsor

**Standards  
Working  
Groups**

**Sponsors**  
Societies, Standards  
Coordinating Committees,  
CAG, etc.

# IEEE-SA Organization



The members of the committees are appointed by the chair of the Standards Board

# IEEE-SA Values

## Five Imperative Principles of Standardization

Consensus

Due process

Openness

Right of  
appeal

Balance

To ensure

- Collaboration and community building
- Global and timely market relevance
- Technical integrity and excellence

# Governance Documents of the IEEE-SA

## **IEEE-SA Operations Manual**

Provides detailed information about the operating procedures of the IEEE-SA. [http://standards.ieee.org/develop/policies/sa\\_opman/index.html](http://standards.ieee.org/develop/policies/sa_opman/index.html)

## **IEEE-SA Standards Board Bylaws**

Covers the organization and basic procedures of the IEEE-SA Standards Board. <http://standards.ieee.org/develop/policies/bylaws/index.html>

## **IEEE-SA Standards Board Operations Manual**

Specifies the procedures that shall be followed in the standards development process.

<http://standards.ieee.org/develop/policies/opman/index.html>





# Summary - SASB Responsibility

Establish/maintain a consensus process to assure:

- Openness,
- Fairness,
- Balance of interests among materially affected parties,
- Right to appeal
- Timely dissemination of standards and technical information

# Summary -SASB Basic Functions

Review all new programs/standards for adherence to IEEE-SA process (including fiscal and legal) for use in the IEEE

Approve or disapprove initiation of all new programs and standards

Review all standards projects submitted for approval as to:

- Consensus
- Due process
- Conformance to PAR
- Instructions given with project authorization

# Audit Committee - AudCom

- Maintains baseline P&P documents
- Reviews and recommends SASB action on acceptance of procedures of Sponsors and Standards Coordinating Committees (SCCs)
  - Accept, visibly under development, not accepted
  - May be on SASB Consent Agenda or for individual action
- Will review selected WG P&P
- Goal: that all IEEE standards committees have fair and open processes and procedures, and that they comply with them

# Procedures Committee - ProCom

- Drafts refinements to procedures and new procedures as necessary
  - IEEE Standards Association Operations Manual
  - IEEE-SA Standards Board Bylaws
  - IEEE-SA Standards Board Operations Manual
- Work is in response to:
  - Changing Standards Board requirements
  - Directions from the Board of Governors
- Must act judiciously and quickly but thoughtfully!
- Recommended changes are approved by SASB or BOG as required by the document being changed

# Patent Committee - PatCom

- Addresses patent issues/problems of standards-writing groups
- Provides oversight for use of patents in IEEE Standards
  - Letter of assurance form
  - Patent slide set
- Provides archive of patent letters of assurance
- IEEE-SA Legal Counsel provides interpretation of the law

# New Standards Committee - NesCom

- Reviews Project Authorization Requests (PARs) to ensure that proposed projects are within the scope and purpose of IEEE
  - New standards, revisions, amendments, corrigenda
  - PAR content per requirements of NesCom conventions, e.g.,
- Reviews PAR actions
  - PAR modification, PAR extension
- Meets during SASB meeting series and Continuous Processing (teleconference)

# Standards Review Committee – RevCom

- Ensures that consensus has been achieved and due process has been followed
  - Ballot conduct, comment consideration
  - Mandatory coordination, legal review, copyright permissions
  - Does not make formal technical judgments on content of proposed standard
- Meets during SASB meeting series and Early Consideration (teleconference)

# Industry Connections Committee – ICCom

- Ensures that proposed Industry Connections activities are within the scope and purpose of the IEEE
- Reviews the progress and deliverables of Industry Connections activities.
  - Examines Industry Connections Activity Initiation Documents (ICAIDs) and make recommendations to the IEEE-SA Standards Board regarding their approval.
  - Also makes recommendations to the IEEE-SA Standards Board regarding the termination of Industry Connections activities.



# IEEE-SA Information & Materials

IEEE-SA Web site

<http://standards.ieee.org/>

myProject

<https://development.standards.ieee.org/my-site>