



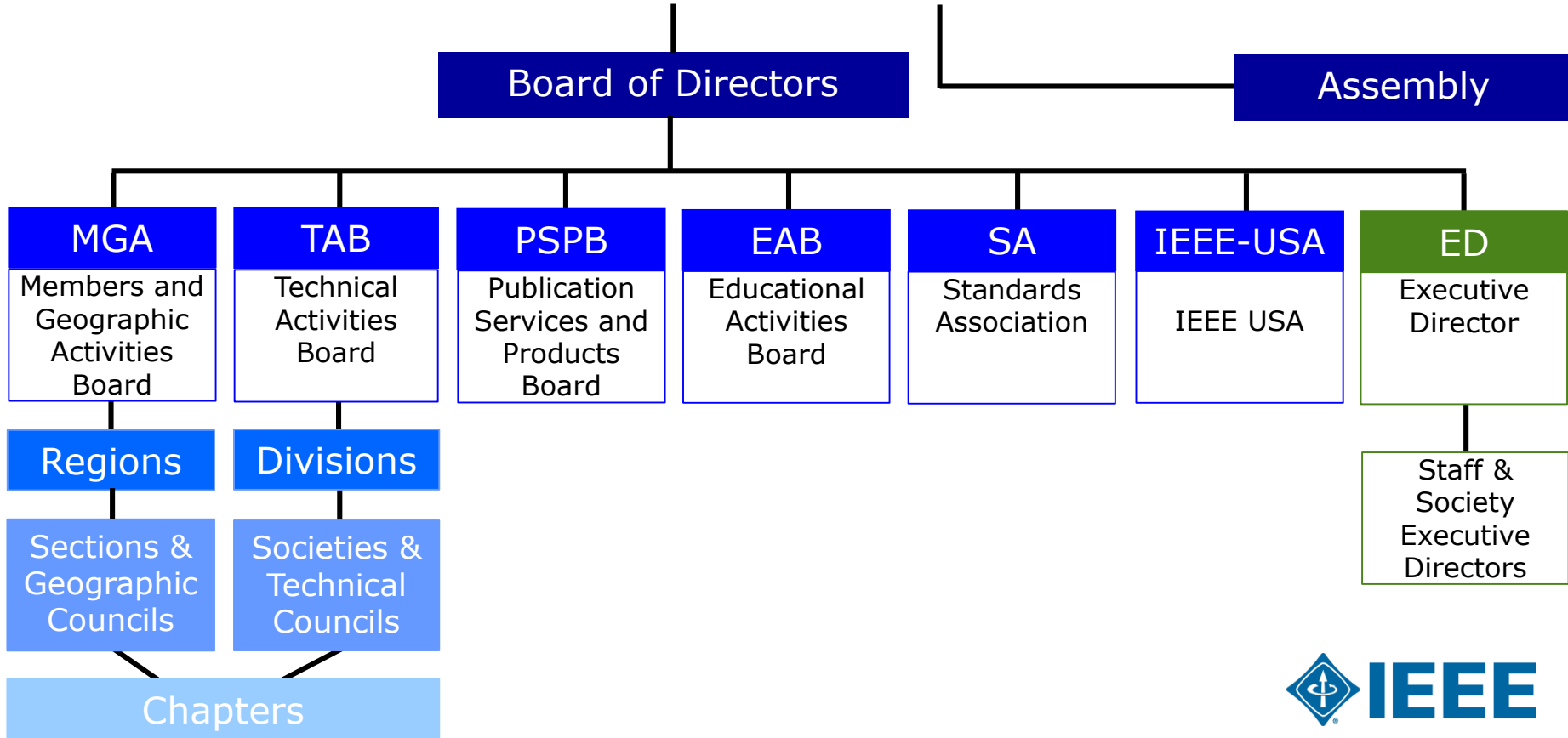
Who is IEEE Technical Activities?

- ▶ 318,397 Society memberships as of January 2015 (332,119 with affiliate memberships)
 - 209,253 unique IEEE Society Members
 - 13,409 unique Affiliate Members
- ▶ 39 Societies
- ▶ 7 Councils
- ▶ Technical Communities
- ▶ Technical Activities Board (TAB)
- ▶ TAB Committees
- ▶ TA Staff

IEEE Organization



M E M B E R S



IEEE TAB Mission

***Inspire, Foster and Empower
Technology-Centric
Worldwide Communities***

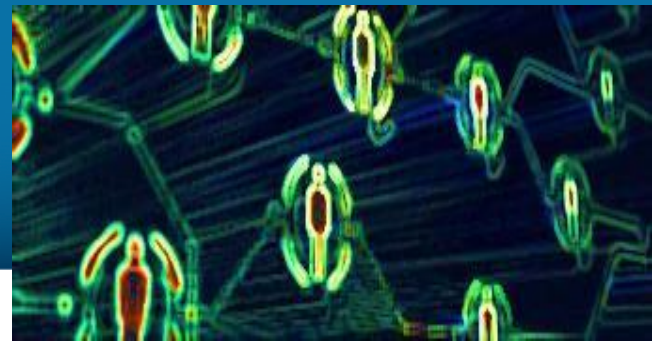
(approved June 2013)



IEEE TAB Vision

- ▶ IEEE Technical Activities worldwide communities:
 - Develop a volunteer-led environment where technical thought leaders converge and create communities for people working in our fields
 - Solicit, refine and disseminate quality technical information
 - Organize technical gatherings to foster innovation and interchange
 - Nurture and promote innovative technical ideas and new technical fields

Core Values



- ▶ Service to humanity
- ▶ Global focus
- ▶ Trust and respect
- ▶ Growth and nurturing of the profession
- ▶ Collaboration and community building
- ▶ Professionalism
- ▶ Intellectual activity
- ▶ Peer-reviewed

The Goal...



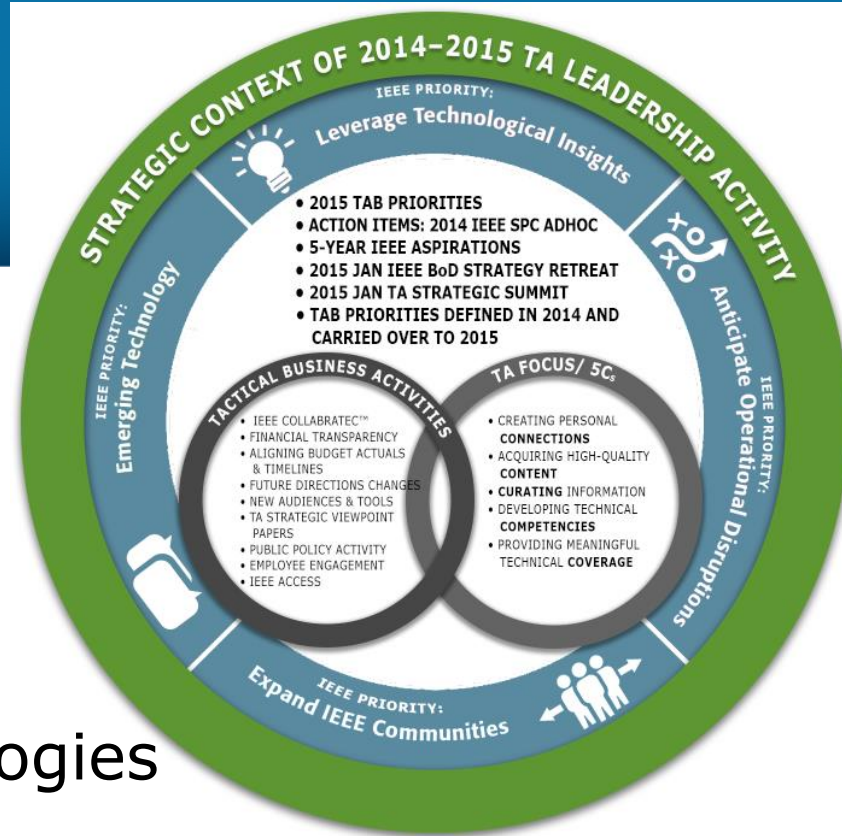
Be essential

to the global technical community
and to technical professionals everywhere,

and be universally recognized
for the contributions
of technology
and of technical professionals
in improving global conditions

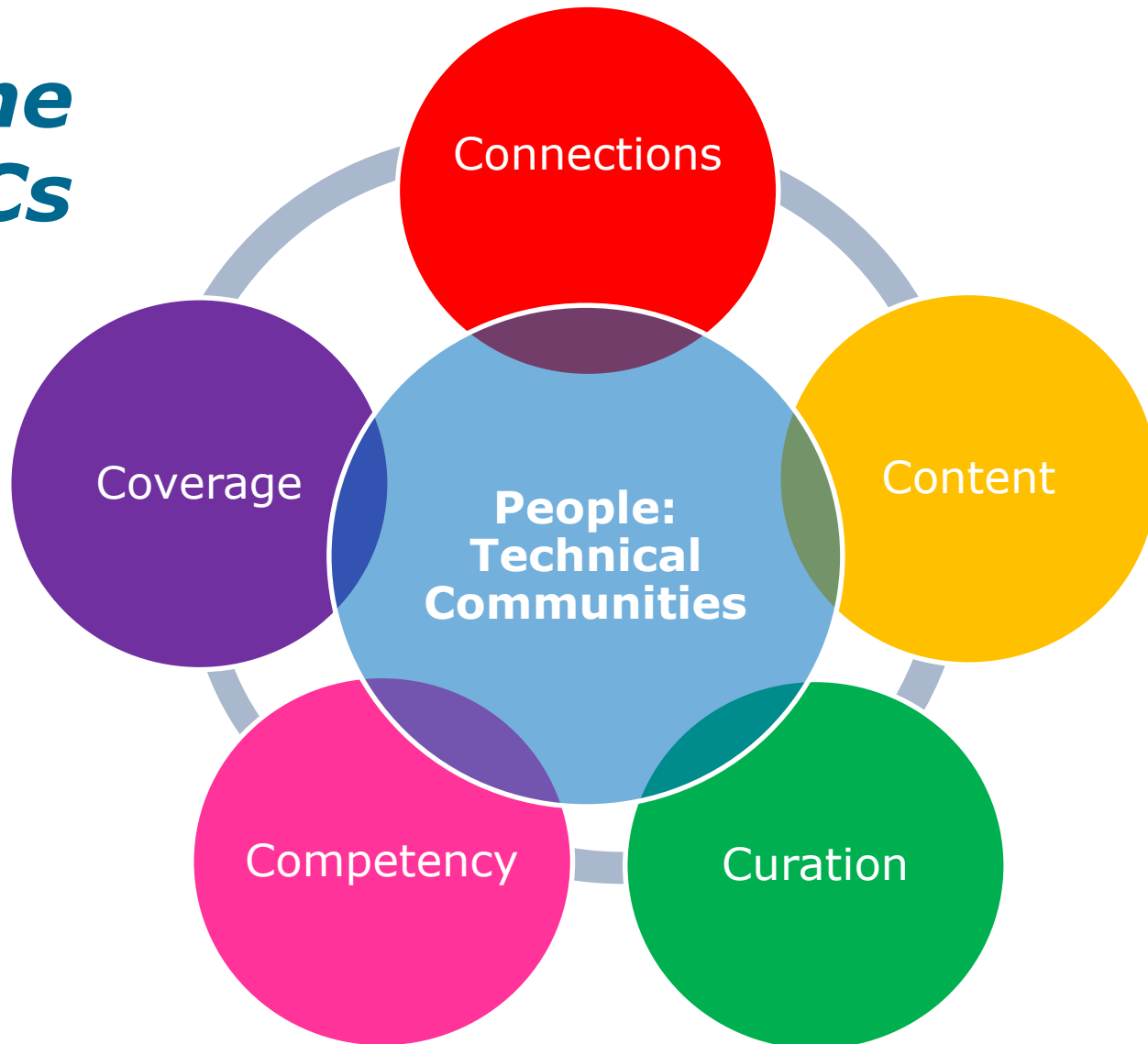
TAB Priorities

- Expand to new audiences
- Invest in emerging technologies
- Deliver new types of products
- Use new tools and delivery mechanisms
- Address financial transparency and reporting



Five Building Blocks of Strong Technical Communities

*The
5Cs*





Nurturing Technology-Centric Communities Worldwide with Local Roots

Global Inclusiveness

*Diversity is an IEEE strength:
Technological interests, Cultural background, Geographical diversity,
Employment, Gender diversity, Age*

Cooperation in TAB and with other Major Boards

2015 TAB Priorities



► ... **Nurture technical communities**

- **technical activities worldwide and locally**
technical committees, conferences, technical meetings, publications, educational activities, standards, technical services
- **future technology directions**
emerging technologies, emerging needs for technology and applications, emerging needs for standards
- **continuing education and technical career resources**
especially for young professionals, professional engineers, and industry
- **globalized inclusive perspective**
especially for young professionals, women, interdisciplinary topics, emerging geographical areas
- **communications**
promote interaction among Societies/Councils, sister associations, underserved segments of communities, general public
- **humanitarian projects and public imperative**
- **public visibility and global offices**

Emerging Technologies



... and several more!

- + Smart Materials
- + Digital Sense
- + Brain



Outreach to Industry



- Better understanding industry needs
- Better understanding of professionals in industry
- Better understanding IEEE offering and collaboration opportunities
- Significant industry interest for technology forums and emerging technologies
- Technical support to standardization activities
- New products and services for professionals in industry

Underserved Segments of the Community

- **Entrepreneurships**
- **Young Professionals**
- **Women in Engineering**



TA Volunteer Training



- Increase awareness about opportunities for volunteering in technical activities
- Workshops
 - Completed in 2014-15: China, Brazil, India, Poland, Germany
- Workshop-in-a-box
 - Compressed version offered at major conferences at very very low cost
 - Completed/Planned in 2015: SysCon, I2MTC, EMBS, Kazakhstan, R8-Ljubljana, ICCVE, Shanghai

2015 TAB Priorities



► ... **Promote cooperation in IEEE**

- cooperation within TAB
- cooperation among Major Boards
- transfer IEEE Board of Directors strategies into
 - TA strategies and operations
 - Society/Council projects
- be more effective in contributing to shape IEEE strategies

► ... **Improve TAB operations**

- alignment within IEEE
- financial transparency

2015 TAB Strategic Areas



- ▶ Technical Community Building
- ▶ Emerging Technological Needs
- ▶ Continuing Education & Career Resources
- ▶ Entrepreneurs, Young Professionals, and Professional Engineers
- ▶ Industry Technical Engagement
- ▶ Standards Activities
- ▶ Humanitarian Activities
- ▶ Public Visibility
- ▶ Management Support

2015 TAB Operational Tactics

- TAB Operation Simplification
- Supporting Technology-centric Communities Management
 - TA Email Aliases
 - Webinars for S/C VPs
- Cooperation across IEEE
- Expanded Transnational Scorecard
- Technical Activities Volunteer Training Workshops



TAB-MGAB Cooperation



- ▶ Energize joint cooperation in Chapters
 - Technical meetings, educational activities, ...
- ▶ Nurture underserved segments of the technical communities
 - Young professionals
 - Professional engineers in industry
 - Women
- ▶ Identify local emerging needs for technologies and applications
- ▶ Society membership development
- ▶ Managing unprofessional behaviors

