

IEEE Region 8 Meeting, Cairo

Director, IEEE Division VI

Prof. Paul M Cunningham
15 – 16 October 2022



Director, IEEE Division VI, Prof. Paul M Cunningham



- Executive Director, IST-Africa Institute (Partnership focused on Policy, Strategy, Research)
- President & CEO, International Information Management Corporation (Policy & Strategy)
- Professional Experience – Consultant, Educator, Entrepreneur, Researcher, Technologist
- International Education – Ireland, US, Hungary, Sweden
- Interdisciplinary Background – Humanities, Finance, Computer Science
- University Affiliations – Namibia and Wales
- BoD, MPI (2008 – 2011); Enterprise Ireland – Irish Champion of EU Research (2015, 2017)
- IEEE Volunteer – *Member, IEEE Conferences Committee & IEEE TAB Finance Committee*
Member, Ad-hoc(s) on IEEE in 2050, IEEE Humanitarian Efforts, Multiple Society Membership
Vice-Chair, UK & Ireland Section; IEEE VoLT Program Graduate & Mentor
Ex-officio Member, R8 Conference Coordination & Chapter Coordination Subcommittees
 - Past President & VP Conferences, IEEE SSIT; Past Chair, IEEE Humanitarian Activities Committee; Past Member, IEEE Global Public Policy Committee

IEEE Division VI

- **Technical Areas**

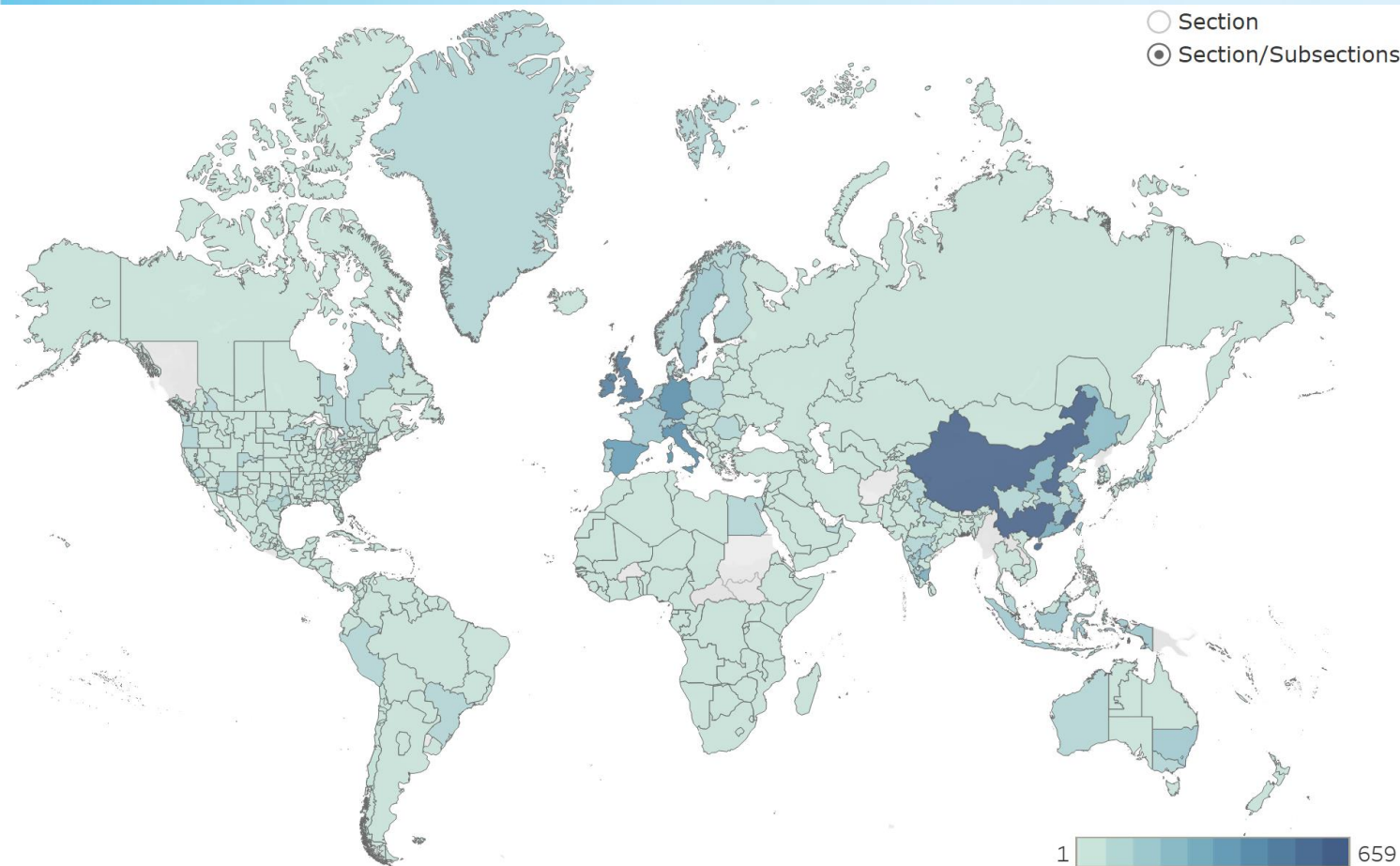
- *Professional, Social and Ethical Responsibility in the Practice of Engineering, Science, and Technology*
- Product Safety and Compliance Engineering
- *Reliability and Reliability-related Professions*
- *Science & Practice of Teaching Computer Science & Engineering*
- *Technology and Engineering Management*
- Human Communication in Engineering and Other Technical and Professional Environments
- *Industrial & Manufacturing Systems & Processes*

- **What makes Division VI unique?**

- Horizontal Competences & Activities Complement Vertical Focus of Other IEEE Societies/Councils
- Competencies Enhance the Professional Education and Development of IEEE Members

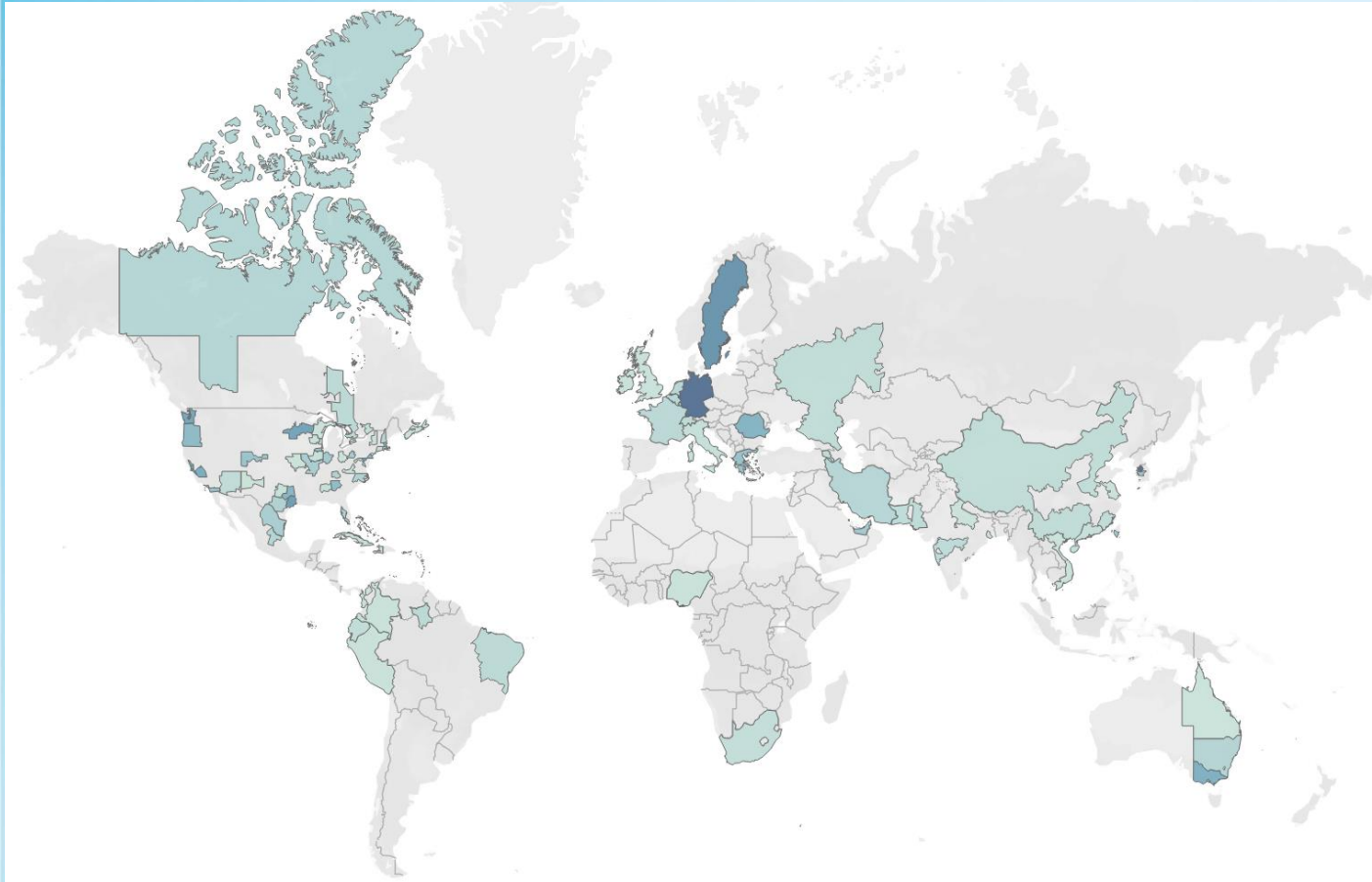


IEEE Division VI: Membership Distribution (As at 12 October 2022)



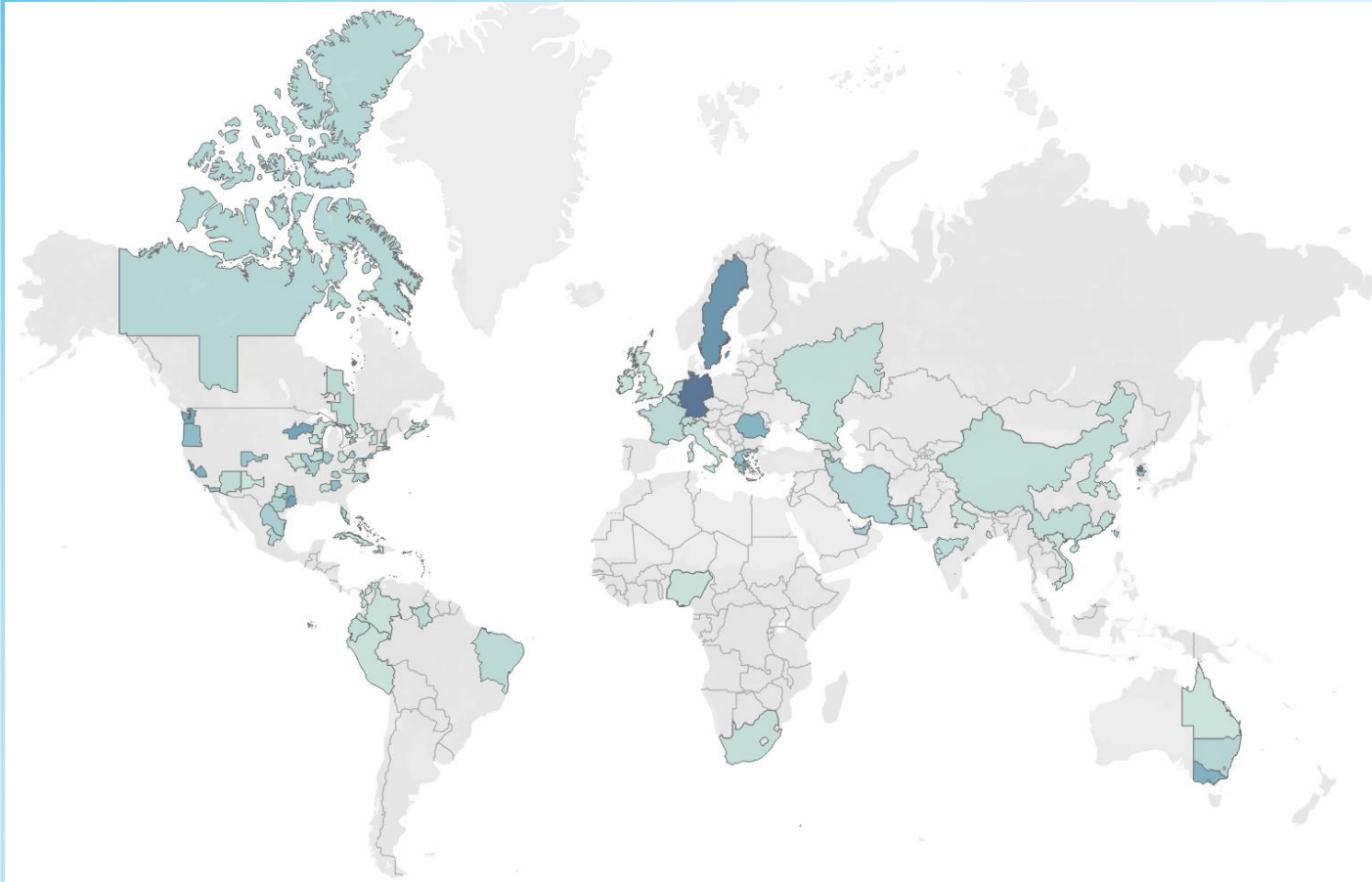
- 19,198 Division VI Society Members
- R1 – 6 (USA – 6,103)
- R7 (656) , R8 (4,540)
- R9 (1,068), R10 (6,830)
- 191 Chapters (C) , 121 Joint Chapters (JC), 141 Student Branches (SB)
- IEEE IES (9,147 Members, C – 40, JC – 59, SB – 59)
- IEEE Education (3,316 Members, C – 58, JC – 10, SB-25)
- IEEE TEMS (2,454 Members, C – 45, JC – 14, SB – 33)
- IEEE SSIT (1,542 Members, C – 19, JC – 11, SB – 12)
- IEEE Reliability (1,478 Members, C – 17, JC – 13, SB-2)
- IEEE PSES (695 Members, C – 10, JC – 7, SB – 5)
- IEEE ProComm (510 Members, C – 2, JC – 7, SB – 5)

IEEE Division VI: Potential New Chapters (12 Oct 2022) – 1/2



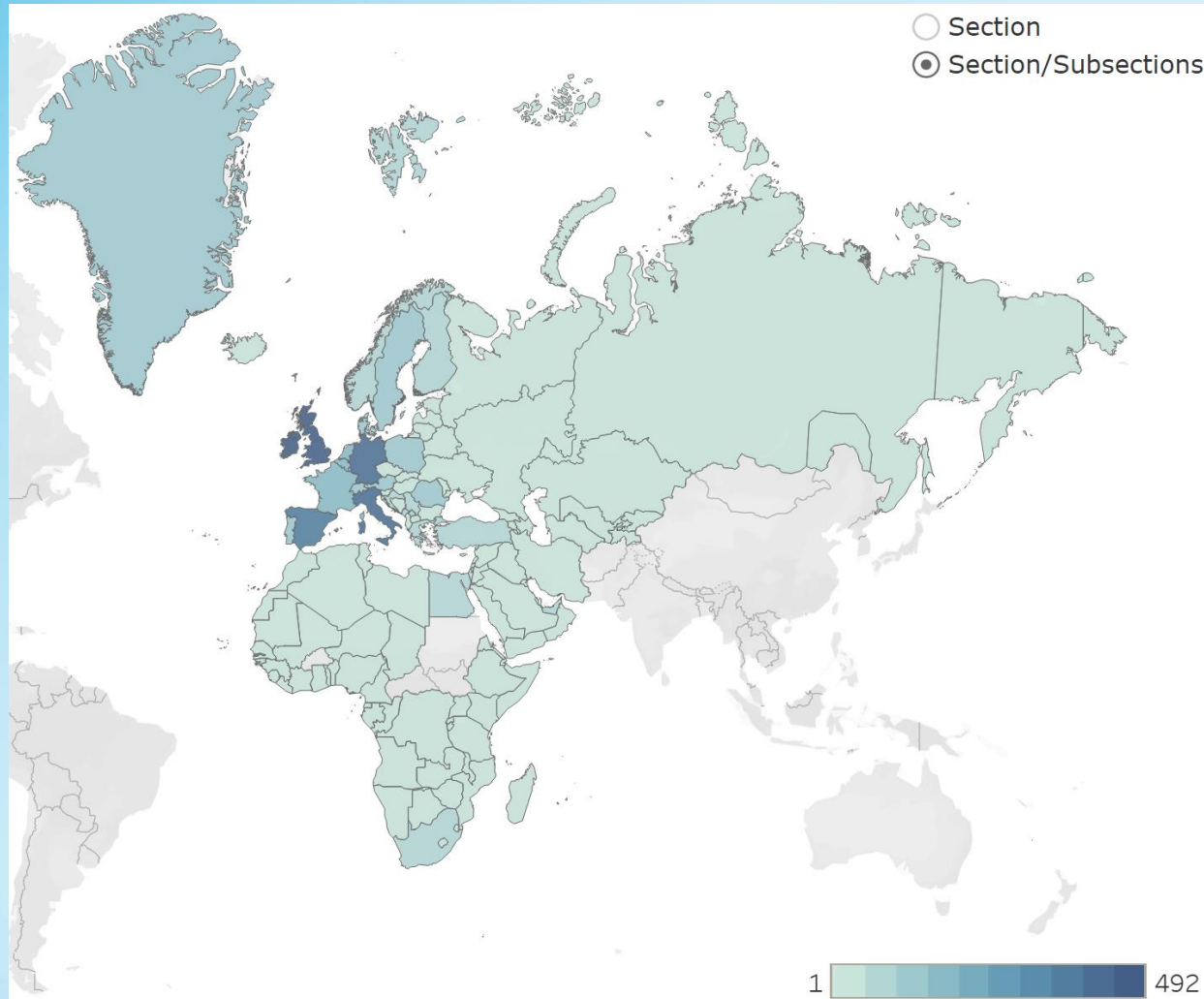
- **Potential for New Chapters in 86 Sections**
- **IEEE IES (53 Sections)** - Seoul, Sweden, Victorian, Santa Clara Valley, Romania, Boston, Daejeon, Tainan, Houston, Greece, Dallas, East Tennessee, Atlanta, Northern Canada, Guanajuato, Iran, Pittsburgh, Philadelphia, Northeast Brazil, Oakland-East Bay, Seattle, San Diego, UAE, Monterrey, Phoenix, Ottawa, Alabama, Connecticut, Puerto Rico and Caribbean, Central Indiana, NY, Oregon, Saint Louis, Florida West Coast, Gwangju, New Hampshire, Washington, Windsor Canadian Atlantic, Columbia, Hamilton, Peru, Schenectady, Vizag Bay, Baltimore, Columbus haragpur, Madison, Northeastern Wisconsin, Twin Cities, Vietnam, Virginia Mountain
- **IEEE Education (26 Sections)** - Benelux, Central Indiana, Atlanta, Baltimore, NY, France, Philadelphia, Houston, Bombay, Karachi, Saint Lous, Monterrey, Russia, Ecuador, Florida West Coast, Twin Cities, Greece, Central Illinois, Chicago, San Diego, Fort Worth, Dallas, Denver, Uttar Pradesh, Washington, Oakland-East Bay

IEEE Division VI: Potential New Chapters (12 Oct 2022) – 2/2



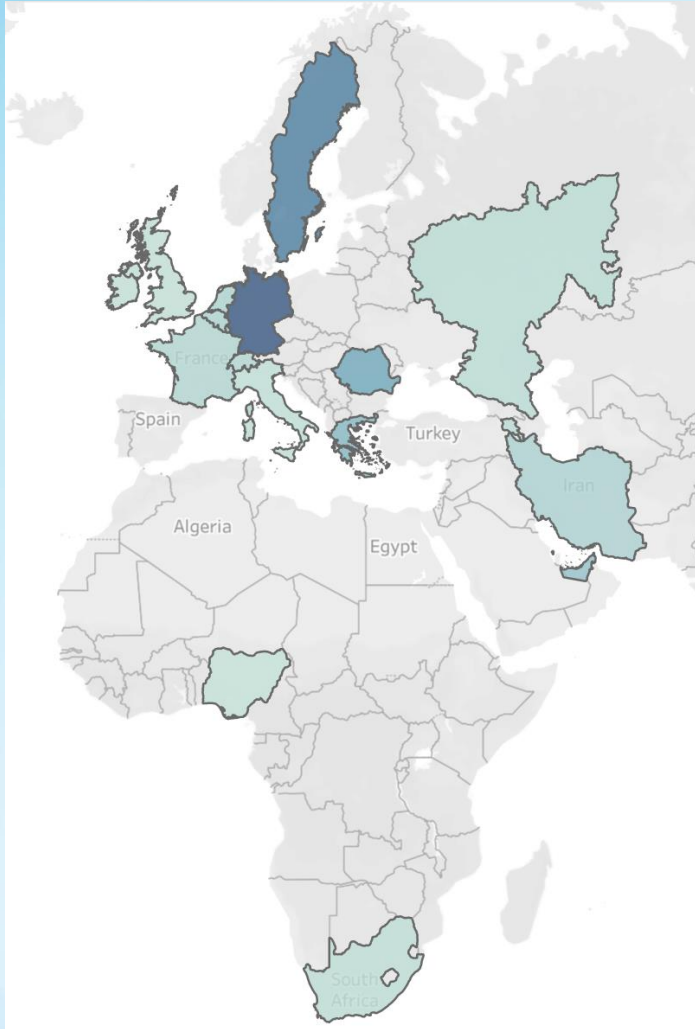
- **Potential for New Chapters in 86 Sections**
- **IEEE TEMS (22 Sections)** - Germany, Baltimore, New South Wales, Twin Cities, Switzerland, Toronto, Houston, Denver, UAE, Beijing, NY, Providence, Dallas, South Africa, Orange County, New Hampshire, Nanjing, Nigeria, Kansas City
- **IEEE SSIT (11 Sections)** - Germany, NY, Seattle, Chicago, Oregon, Princeton/Central NJ, Italy, Central Texas, Eastern North Carolina, Oakland-East Bay, Bahrain
- **IEEE Reliability (14 Section)** - Germany, Oregon, Baltimore, Oakland-East Bay, Seattle, Chicago, Guangzhou, Philadelphia, Central Texas, Eastern North Carolina, Coastal LA, Albuquerque, Denver, Houston
- **IEEE PSES (6 Sections)** - Germany, Twin Cities, Milwaukee, Hong Kong, Seattle, UK and Ireland

IEEE Division VI: Region 8 Membership Distribution (12 Oct 2022)



- **4,540** Division VI Society Members in Region 8
- **54.6%** - Member for 6+ Years
- **15.8%** - First Year of Membership
- **2%** Students, **27.8%** Senior Members
- **49 Chapters (C)** , **38 Joint Chapters (JC)**,
14 Student Branches (SB)
- **IEEE IES** (**2,629** Members, C – 11, JC – 30, SB – 9)
- **IEEE Education** (**808** Members, C – 20, JC – 2, SB - 4)
- **IEEE TEMS** (**463** Members, C – 8, JC – 3, SB – 1)
- **IEEE SSIT** (**242** Members, C – 4, JC – 1, SB – 0)
- **IEEE Reliability** (**246** Members, C – 5, JC – 2, SB – 0)
- **IEEE PSES** (**76** Members, C – 1, JC – 0, SB – 0)
- **IEEE ProComm** (**76** Members, C – 0, JC – 2, SB – 0)

IEEE Division VI: Potential New Region 8 Chapters (12 Oct 2022)



- **Potential for New Chapters in 15 R8 Sections**
- **IEEE IES (5 Sections)**
 - *Sweden, Greece, Iran, Romania, UAE*
- **IEEE Education (4 Sections)**
 - *Benelux, France, Russia, Greece*
- **IEEE TEMS (5 Sections)**
 - *Germany, Switzerland, UAE, South Africa, Nigeria*
- **IEEE SSIT (3 Sections)**
 - *Germany, Italy, Bahrain*
- **IEEE Reliability (1 Section)**
 - *Germany*
- **IEEE PSES (2 Sections)**
 - *Germany, UK and Ireland*

Thank you!

Questions?

Contact: pcunningham@ieee.org