

Board Orientation II

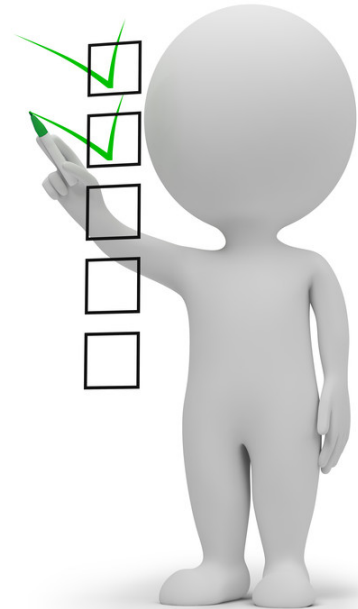
Russ Kinghorn, FEC, P.Eng., President-elect

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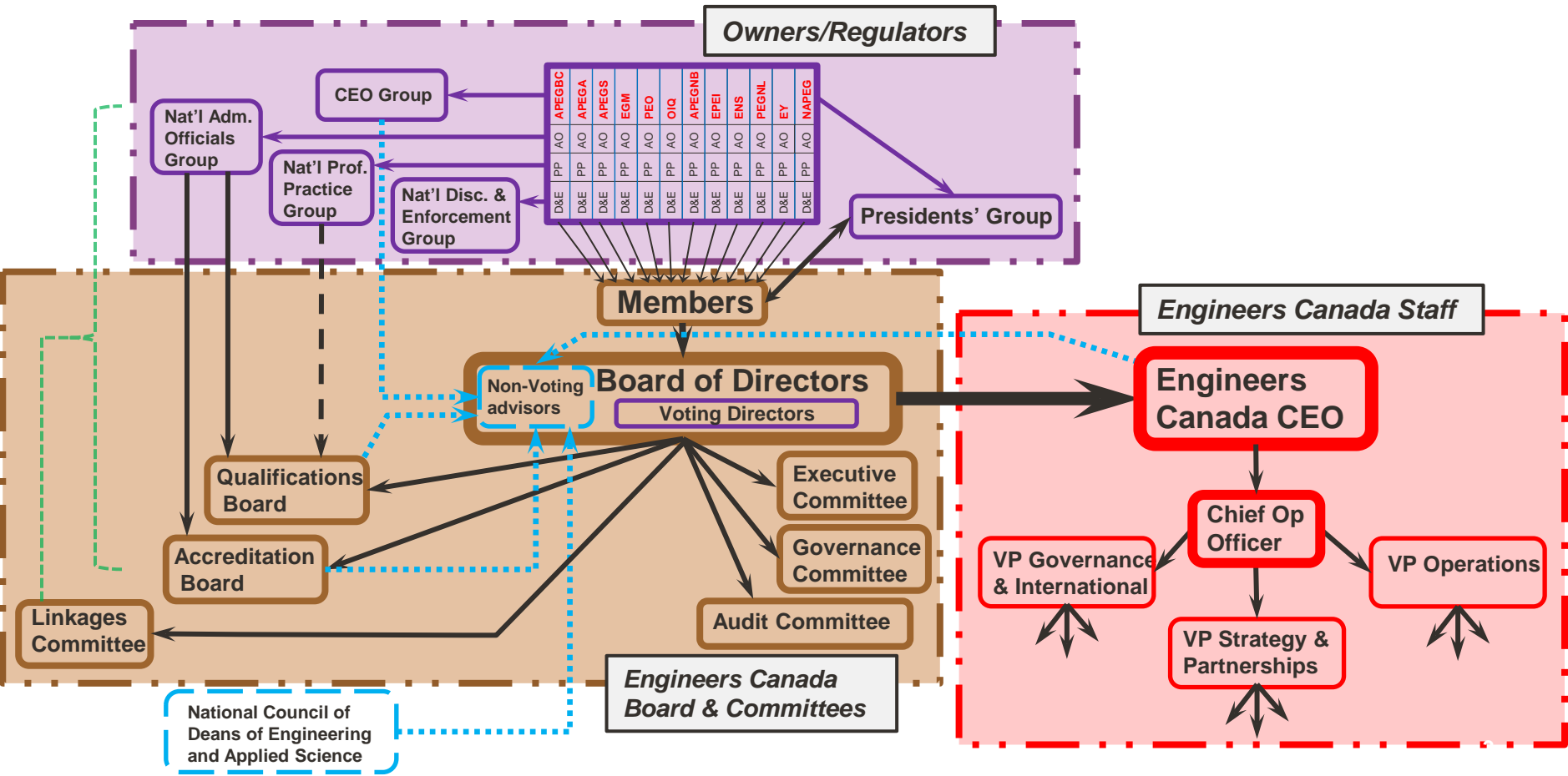


Outline of Presentation

- Engineers Canada Structure
- National Admissions Officials Group (NAOG)
- Canadian Engineering Accreditation Board (CEAB)
- Canadian Engineering Qualifications Board (CEQB)
- National Professional Practice Group (NPOG)
- National Discipline & Enforcement Group (NDEG)
- National Council of Deans of Engineering and Applied Science (NCDEAS)
- Feedback on orientation



Engineers Canada Structure (As of Feb, 2017)



National Admissions Officials Group (NAOG)

- Reports to the CEO group
- Comprised of a representative from each of the regulators with responsibility for admissions functions
- Includes a representative from the CEO Group
- Meet at least once per year face-to-face
- Engineers Canada supports the group by facilitating meetings and paying for all meeting and attendance costs

National Admissions Officials Group (NAOG)

- Provide a liaison between the regulators on matters pertaining to admissions to practice
- Discuss admissions policies which impact inter-association mobility
- Share information on administrative procedures to identify best practices and common problems
- Inform the CEO Group of potential issues which may need to be addressed on a national level
- Provide feedback and comments on issues affecting national guidelines, interpretive statements or other issues of national relevance

Canadian Engineering Accreditation Board (CEAB)

- Standing committee of the Engineers Canada Board
- The Chair of CEQB sits as a non-voting advisor to the Board of Engineers Canada
- CEAB accredits engineering education programs in Canada that meet the academic requirement for licensure **in the service of the Regulators**, generally through NAOG
- Valued by the Regulators as **MOST** significant work of Engineers Canada
- Chair of the CEAB sits as a non-voting advisor to the Board of Directors of Eng Canada

Canadian Engineering Accreditation Board (CEAB)

Accreditation is performed:

- At the request of the Higher Education Institutions
- On engineering *programs*, NOT on entire faculties
- By measuring:
 - Accreditation Units (AUs) which are inputs (contact hours with students)
 - Graduate Attributes (GAs) which are outputs (what the student has learned)
- GA measurement started in 2015 and is still being refined

Canadian Engineering Accreditation Board (CEAB)

CEAB deals with accreditation internationally:

- The Washington Accord
- Accreditation Board for Engineering and Technology, Inc. (ABET) which provides accreditation for institutions in the US but the accreditation is *not* used for licensure. Engineers Canada has an MRA (MOA) that ABET will not accredit Canadian engineering education and EC will not accredit American engineering education.
- National Council of Examiners for Engineering and Surveying (NCEES) administers the Fundamentals of Engineering (FE) and Principles and Practice of Engineering (PE) exams required for licensure in the United States

Canadian Engineering Qualifications Board (CEQB)

- Standing committee of the Engineers Canada Board that provides support to the regulators
- Original terms of reference were focused on engineering program syllabi, preparation and setting of examinations and monitoring foreign engineering institutions and immigrant assessments
- Primary duty is to develop standardized methodologies to evaluate international engineering training **in the service of the Regulators**, generally through NAOG
- Current terms of reference (GP-9.6) have expanded to support all aspects of admissions and professional practice
- The Chair of CEQB sits as a non-voting advisor to the Board of Engineers Canada

National Professional Practice Group (NPOG)

- Reports to the CEO group
- Comprised of a representative from each of the regulators with responsibility for professional practice functions for professionals after they are registered
- Includes a representative from the CEO Group
- Meet at least once per year face-to-face
- Engineers Canada supports the group by facilitating meetings and paying for all meeting and attendance costs

National Professional Practice Group (NPOG)

- Provide a liaison between the regulators on matters pertaining to professional practice
- Share information on administrative procedures associated with professional practice processes to identify best practices and common problems
- Inform the CEO Group of potential practice issues that may need to be addressed on a national level
- Provide comments and feedback to the CEO Group on national guidelines, or interpretative statements or other issues of national relevance

National Discipline & Enforcement (NDEG)

- Reports to the CEO group
- Comprised of a representative from each of the regulators with responsibility for admissions functions
- Includes a representative from the CEO Group
- Meet at least once per year face-to-face
- Engineers Canada supports the group by facilitating meetings and paying for all meeting and attendance costs

National Discipline & Enforcement (NDEG)

- Provide a liaison between the regulators on matters pertaining to discipline and enforcement functions
- Discuss discipline and enforcement policies
- Share information on administrative procedures associated with discipline and enforcement processes to identify best practices and common problems
- Inform the CEO Group of potential issues which may need to be addressed on a national level
- Provides feedback and comments on issues affecting national guidelines, interpretive statements or other issues of national relevance

National Council of Deans of Engineering and Applied Science (NCDEAS)

- Council of the deans of the 43 Higher Education Institutions (HEIs) in Canada that teach over 200 engineering programs
- NCDEAS is not part of Engineers Canada
- The Chair of the NCDEAS sits as a non-voting advisor to the Board of Directors of Engineers Canada

Questions and Comments

