

CEO Report to the Board

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Overview of presentation

- Framework for Regulation
- Online Competency Assessment Project
- Affinity Programs
- Career Action Program
- Public Affairs
- Educational Credential Assessment Project
- Engineering Change Lab
- Environmental Scan



Framework for Regulation

- Framework Steering Committee meeting November 6, 2014
- vision for the Framework adopted
- roles with respect to the development of Framework elements were defined for Constituent Associations and Engineers Canada
- a new streamlined process for developing Framework elements was established
- a two-year milestone was set to complete development of all elements



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Framework for Regulation

Vision

- The Framework is a set of aspirational elements that form the baseline for engineering regulators.

Roles

- The constituent associations participate in the development of elements and decide if, when, and how to adopt the elements in their jurisdiction.
- Engineers Canada facilitates the development and ongoing improvement of the Framework.



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Competency-Based Assessment Project

RESOLVED THAT Engineers Canada pursue the recommendations of the final report of the Competency-Based Assessment of Engineering Work Experience Project as part of the implementation of Canadian Framework for Licensure elements on Competencies and Requirements for licensure, and Assessment Tools and Protocols. (March 1, 2013)

- funding from the government to develop the online version -> not received
- Competencies have been verified
- Competencies are part of the endorsed Framework element "Competencies and Requirements for the Professional Engineering Licence"



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Competency-Based Assessment Project

Modified Work Plan

- package as a framework element for use by the constituent associations
- document assessment model
- investigate a process for training, assessing and nationally certifying assessors
- work with the constituent associations seeking to implement competency-based assessment



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Affinity Programs

Affinity Advisory Committee:

- new ways to optimize marketing and engagement from the various demographic groups
- aligning the level of understanding of the programs so that perceived value matches real value
- growth in the number of future national programs: what should Engineers Canada be considering?



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Affinity Programs

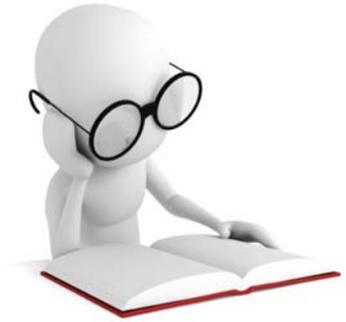
- launch of UPS Members Benefit Program in December 2014 – 92 accounts opened in 2 months
- Secondary Professional Liability Insurance Program renewal at reduced rate of 8% for 3 years (\$5.50)
- renewed collaboration and marketing with Réseau des ingénieurs du Québec and Ontario Society of Professional Engineers



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Career Action Program

- launched in December, updated for National Engineering month
- information about engineering, programs and engineering careers
- assessment tool & and personal counselling as additional resource



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Public Affairs

- successful contact day on the Hill on Nov. 4: 31 meetings
- Labour Market Study update to be released in Spring 2015
- Expert Panel on Improving Newcomer Labour Market Outcomes – report mid March
- invitation to appear before the House of Commons' Standing Committee on Citizenship and Immigration



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Educational Credential Assessment

- required as part of immigration application process
- verifies that education credentials obtained outside of Canada are valid and substantially equivalent to a credential completed in Canada
- assessments are currently being conducted by agencies not associated with the profession
- RFP expected end of March
- **Regulators continue to make all licensure decisions**



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Engineers Canada's Value Add Educational Credential Assessment

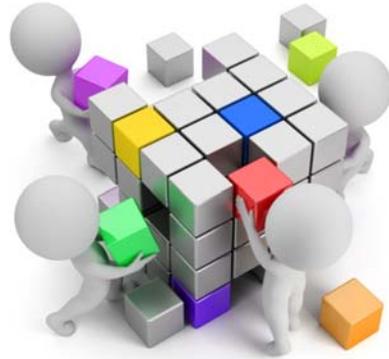
- make rich information available to prospective newcomers with an engineering background before they make a decision
- educate newcomers regarding practising in Canada
- resource to answer questions
- improve decision support information available to regulators
- promote licensure to candidates who are eligible to apply for a licence – start the process in their home country
- make authenticated, translated documents available to regulators



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Engineering Change Lab

- initiative resulting from Board's Big Picture Thinking
- a multi-stakeholder initiative created to address complex challenges facing the engineering profession
- in partnership with Engineers Without Borders



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Engineering Change Lab

36 leaders representing the engineering profession

- regulators
- universities
- private sector
- public sector
- government
- engineering associations
- civil societies



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Engineering Change Lab

Next Steps - to engage committed leaders to work together to fix chronic problems in the engineering profession including:

- failures in ethics and professionalism
- lack of diversity
- rigidity of the academic accreditation system
- inflexibility of the education model
- exclusion of non-licensed engineers from the profession
- poor record of innovation



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Engineering Change Lab Initiatives

- community of practice in engineering leadership
- culture and diversity
- engineering knowledge & skills alignment
- expansion of the engineers in residence program
- communications strategies to shift perceptions
- developing collaborative grade 7-10 science and engineering outreach
- reducing barriers to admission to engineering degree programs



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Environmental Scan

- gathered information about current and future trends, developments, opportunities and challenges that may impact the profession
- information collected from stakeholders within the engineering community including:
 - engineering regulators and associations
 - industry and the consulting engineering sector
 - academia
 - engineering students



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Environmental Scan

- aimed at informing strategic planning and thinking
 - Engineers Canada Board to discuss at its workshop
 - Christina Comeau is available to facilitate constituent association planning sessions
- independent report will be published at the end of March



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QUESTIONS

