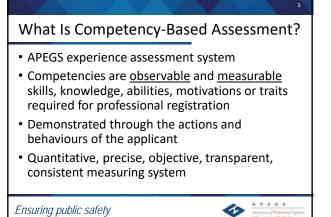


Outline What is CBA Why are we proposing to change 3. Proposed changes 4. CBA framework 5. Online CBA system 6. Q&A APEGS
Annual of Park

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WHY ARE WE CHANGING Ensuring public safety

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#### **CBA** for Engineering · A national framework for engineering competency assessment was agreed upon after a multi-year, Pan-Canadian project. • Engineers and Geoscientists BC (EGBC) made their online system available for any engineering regulator to use and APEGS adopted it starting in January 2019.

· Geoscientists Canada (GC) has now developed a national competency framework and piloted it using a modified version of the EGBC online tool that was developed for engineering.

**CBA** for Geoscience

 APEGS will be working with GC, EGBC and other regulators to move from the pilot version to a final version by Jan 2021.

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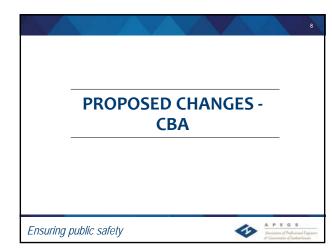
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#### **CBA** for Geoscience

- APEGS needs to make by-law changes so we are ready to implement CBA in 2021.
- This presentation is mostly to make people aware of the upcoming by-law changes so people are informed prior to the vote.
- More details will be provided on the assessment process later this year and on an ongoing basis once it is implemented.

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## **Proposed Changes - CBA** · What constitutes acceptable geoscience experience is not changing, we are simply better defining it · More quantitative, precise, objective, transparent, consistent measuring system Increases the confidence of all who participate in the process: applicants, validators, employers and assessors on the Experience Review Committee

## Concurrent requirements 4 years\* of experience minimum required Tallied from the brief, chronological Employment History provided in the online system Minimum 1 year in a Cdn or equivalent-to-Cdn environment \* \*exception – geoscientist-in-training applicants who are int'l grads and have experience review option to waive confirmatory exams ("Academic Maximum 3 years credit for int'l and grad studies combined (Cdn grad studies does not count for the Cdn Ensuring public safety

### Eligible experience

- All post-bachelors geoscience experience is eligible
- Up to 1 year of pre-grad
  - From after half of degree completed
  - -Close professional oversight required
  - Technologist experience prior to completing bachelor degree

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employment in the Employment History table Ensuring public safety

- Enter graduate studies as a period of

• Up to 24 months for graduate studies:

program into PhD program

people do a Masters

-12 months for thesis-based Masters (M.Sc.)

· 24 months only if went straight from bachelor

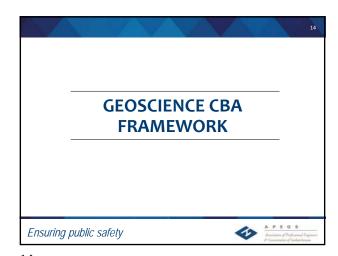
• Normally 12 months is granted because most

Eligible experience

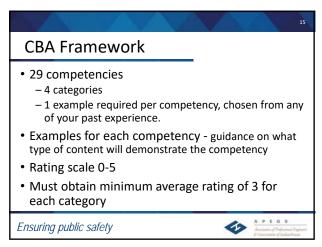
-24 months for PhD

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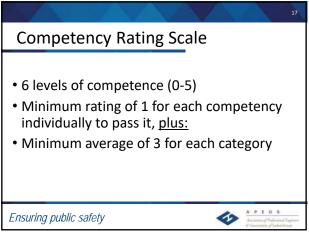


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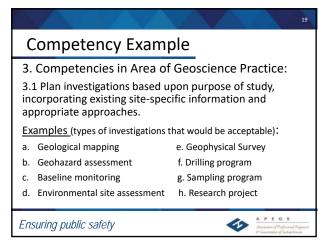
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Competency Rating Scale 0 – No exposure to the competency 1 – A general awareness of the competency 2 – Application of the competency, with supervision, in situations of low complexity and low risk 3 - Application of the competency with limited supervision, in situations of moderate complexity and moderate risk. 4 – Application of the competency with minimal supervision, in situations of considerable complexity and moderate risk. 5 – Application of the competency without supervision, in situations of significant complexity and high risk. Ensuring public safety

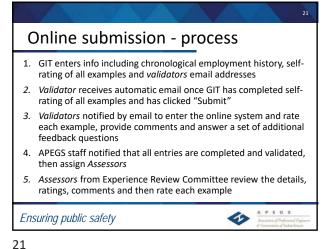
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19 20



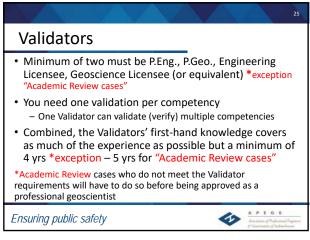
**Employment History** • Brief chronological summary to provide an overview of applicant's experience • Required before writing specific examples for each competency Includes information on responsibilities of each position, start and end dates, company name, supervisor name, location and area of practice Ensuring public safety

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**Competency Example Components**  Situation - A brief overview of a specific situation or problem - Actions taken in the situation, including geoscience judgments made or solutions found. Typically the longest portion, has most of the details - The impact that your actions, solutions or judgments generated Ensuring public safety

**Validators** • Are normally the supervisors, whether they are a professional or not (P.Eng., P.Geo., Engineering Licensee, Geoscience Licensee or equivalent) With prior APEGS approval, may also be colleagues, clients or consultants with first-hand knowledge of the work experience - At least one Validator must be a direct supervisor and share your discipline of practice • A minimum of four individuals who verify and provide feedback on the experience \*exception "Academic **Review cases** Ensuring public safety

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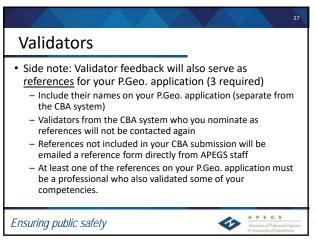


Validators
 Validators who verify specific competency examples must have direct personal and professional knowledge of that experience
 Some Validators may not be given specific competencies to verify but provide input in the overall feedback section only

 For example, co-op work term supervisors - allows them to comment on and confirm that the employment occurred

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Transition from the current system

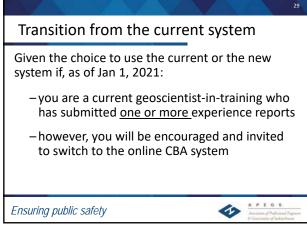
Must use the new CBA system if, as of Jan 1, 2021:

- current geoscientist-in-training, no experience reports submitted

- applied to APEGS as geoscientist-in-training on or after Jan 1, 2021

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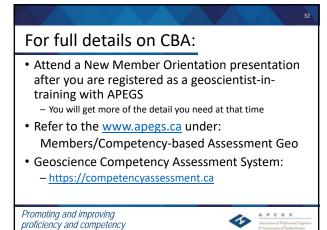
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# Bylaw Change Timeline – CBA (Geo) • Summer 2020 - members receive proposed bylaw changes with Annual Meeting Notice • September 18, 2020 - Bylaw changes voted on by members present at the Annual Meeting (may be virtual) • January 1, 2021 - CBA (Geo) comes into effect, if passed



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APEGS
Assessing of Professional