

FROM CONSIDERATION TO INTEGRATION



www.engineerscanada.ca/fc2i

ENGINEERS CANADA IS THE BUSINESS NAME OF THE CANADIAN COUNCIL OF PROFESSIONAL ENGINEERS

LAUNCHED IN JANUARY 2003, FROM CONSIDERATION TO INTEGRATION IS A THREE-PHASE PROJECT DESIGNED TO FACILITATE THE TIMELY LICENSURE AND EMPLOYMENT OF INTERNATIONAL ENGINEERING GRADUATES WITHOUT COMPROMISING PUBLIC SAFETY OR LOWERING LICENSURE STANDARDS.

IMPLEMENTING THE RECOMMENDATIONS

AT A GLANCE

Engineers Canada, the provincial and territorial licensing bodies¹ and project partners are working to implement the 17 recommendations from phase II.

Language

Develop and set a language standard to ensure international engineering graduates have the appropriate level of English or French proficiency to navigate through the licensing process.

IMPLEMENTATION Started with a language benchmarking project run by Edmonton Mennonite Centre for Newcomers with APEGGA, the engineering licensing body in Alberta, and Engineers Canada representation on the steering committee. A language benchmark for licensing was established at level 8. For more information and next steps, contact [DEBORAH WOLFE](#).

Employment

Undertake an engineering labour market study that also develops a model to provide current, ongoing labour market information, including maintenance and dissemination.

IMPLEMENTATION A labour market study being led by Engineers Canada in cooperation with the Canadian Council of Technicians and Technologists and with funding from Human Resources and Social Development Canada will provide a full picture of the engineering team in Canada, helping us understand the changing work and skills sets required by the engineering profession, depicting a detailed picture of supply and demand, and identifying labour force and skills implications from various economic realities. For more information, [CLICK HERE](#).

Provide early and accurate information.

IMPLEMENTATION The *Canadian Immigration and Integration Project* was created by the Association of Community Colleges of Canada and aims to help skilled workers prepare for labour market integration in Canada while completing the final stages of the immigration process in their country of origin. For more information, [CLICK HERE](#).

DID YOU KNOW?

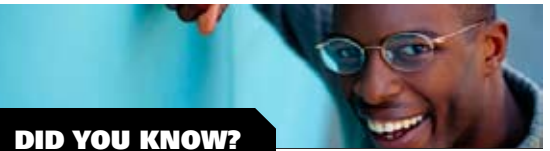
Canada's foreign-born population grew four times as fast as the Canadian-born population over the past five years and now accounts for one out of every five Canadian residents.

TIMELINE

See page 2

¹ Provincial and territorial licensing bodies are the sole and constituent members of Engineers Canada.

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TIMELINE

PHASE I

JANUARY 2003 TO AUGUST 2003

- ▶ FOCUSED ON UNDERSTANDING THE INTERNATIONAL ENGINEERING GRADUATE'S EXPERIENCES
- ▶ EXAMINED PROVINCIAL AND TERRITORIAL ENGINEERING LICENSING PROCEDURES

PHASE II

SEPTEMBER 2003 TO
NOVEMBER 2004

- ▶ ANALYZED INFORMATION TO DETERMINE WHERE THE PROCESS OF INTEGRATION NEEDS IMPROVEMENT
- ▶ BEGAN BUILDING A CONSENSUS AMONG STAKEHOLDERS ON POSSIBLE SOLUTIONS
- ▶ RESULTED IN 17 RECOMMENDATIONS FOR ENHANCING INTERNATIONAL ENGINEERING GRADUATES' EXPERIENCES

PHASE III

FEBRUARY 2005 AND ONGOING

- ▶ WORKING TOWARDS IMPLEMENTING THE 17 RECOMMENDATIONS FROM PHASE II

IMPLEMENTING THE RECOMMENDATIONS AT A GLANCE – continued

Recognizing Credentials

Assist international engineering graduates pursue qualifications recognition.

IMPLEMENTATION The *Engineering Qualification Recognition Model* (eQRm), an initiative of Engineers Canada, building on work done by the University of Manitoba and APEGM (the engineering regulator in Manitoba), is being developed to assist international engineering graduates pursue qualifications recognition. The project will be implementing five of the *From Consideration to Integration* recommendations including an alternate path to licensure and developing a *Working in Canada* course. For more information, [CLICK HERE](#) or contact John Woods at INFO@EQRM.CA.

Establish an accurate, current database of recognized non-Canadian Engineering Accreditation Board degrees and institutions that will be used in a consistent manner in the licensing system.

IMPLEMENTATION Engineers Canada is building the *International Institutions and Degrees Database* and protocols on how to use the database which will allow engineering licensing bodies to more consistently evaluate foreign academic credentials. For more information, please contact [MARIE CARTER](#).

For more information on the implementation status of the *From Consideration to Integration* recommendations, [CLICK HERE](#).

DID YOU KNOW?

Ninety-two percent of international engineering graduates who applied to the ASSOCIATION OF PROFESSIONAL ENGINEERS, GEOLOGISTS AND GEOPHYSICISTS OF ALBERTA between 1997 and 2006 became licensed.

HIGHLIGHTS

Changes to the provincial/territorial engineering licensing processes over the past three years have been designed to assist international engineering graduates. Provincial and territorial licensing bodies have been reviewing their academic assessment requirements to facilitate the application process; here are highlights of some of those changes.

Engineers Nova Scotia

International engineering graduates with more than 10 years experience may be interviewed to assess their academic qualifications, waiving the confirmatory exams.

Association of Professional Engineers and Geoscientists of New Brunswick

The implementation of new methods of assessing academic experience are reducing application waiting times for international engineering graduates.

Association of Professional Engineers and Geoscientists of Saskatchewan

Using ENGINEERS CANADA'S ENGINEERING INTERNATIONAL-EDUCATION ASSESSMENT PROGRAM has cut in half the number of applicants who need to write academic qualifications exams.

DID YOU KNOW?

As of December 2006, approximately one-third of the nearly 70,000 professional engineers licensed by Professional Engineers Ontario were educated outside of Canada.

DID YOU KNOW?

Professional Engineers Ontario issued more licences to international engineering graduates in 2006 than to graduates of accredited Canadian engineering programs.



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If you would like more information about From Consideration to Integration, please contact Doris Yee at DORIS.YEE@ENGINEERSCANADA.CA