

# Building upon the Canadian Digital Data Mosaic

## Creating a National Student Data Exchange Network

ARUCC Groningen and Student Mobility Steering Group  
September 2017

# Overview

- Project Vision and Goals, and Role of Steering Committee
- Early Work - ARUCC Groningen Declaration & Student Mobility Taskforce
- Current State: Digital Student Data in Canada
- Action Items: Research Information Request
- Discussion

# Vision, Goals, and Roles

- **Vision** - Advancing national and international student mobility through trusted electronic data exchange.
- **Goals** - enhancing Canada-wide data exchange capacity; creating a national network for student data exchange
- **Roles** - the ARUCC Groningen and Student Mobility Steering Group is responsible for overseeing and steering the next stage of consultation, research, and planning on behalf of ARUCC and in partnership with the Pan-Canadian Consortium on Admissions and Transfer (PCCAT), the Canadian Education Standards Council (CanPESC), and the Canadian University Council of Chief Information Officers (CUCCIO)

# Benefits – Return on Investment

## Advancing

Advancing national and international student mobility for Canada

## Supporting

Supporting students by providing their transcripts and credentials in a digitized format and at a speed that facilitates seamless mobility into institutions and the workforce

## Maximizing

Maximizing Canadian post-secondary institutional efficiency and student service through trusted digital student data exchange both across Canada and from around the world

## Accelerating

Accelerating existing efforts to create new connections between Canadian provincial application centres and data hubs with international student data exchange providers

# The Canadian Electronic Student Data Exchange Mosaic: *Origins and Reasons Why*

- Education falls to provincial, not national, jurisdiction.
- Electronic data hubs developed at a provincial level.
- Diverse network of universities, colleges and technical institutes.
- High level of intra-provincial mobility (between institutions and institution types) by design; less so at the national level.
- **Need for a national network:** supporting student success, mobility, and service; enhancing efficiencies, scalability, trusted data exchange; mitigating fraud and preserving the high quality brand of Canadian PSI

# ARUCC and the Groningen Declaration Taskforce in Partnership with CanPESC and PCCAT

- Association of Registrars of the Universities and Colleges of Canada, Pan-Canadian Consortium on Admissions and Transfer, and CanPESC
- ARUCC signed Groningen Declaration on behalf of all Canadian post-secondary institutions in 2015
- Taskforce struck to champion the engagement of Canadian institutions in the implementation of the Groningen Declaration by fostering an ethos, culture and network that removes impediments for data portability, and provides the foundation for student mobility.
- First Step: environmental scan / stakeholder survey



# ARUCC and the Groningen Declaration Taskforce Recommendations

1. Explore and develop a data-exchange model that:
  - is accessible in both French and English (Canada's two official languages);
  - builds on provincial models;
  - is scalable and will fill the gaps in each region;
  - provides a point of contact to international data exchange networks;
  - provides authentic, reliable data in a secure and standard manner.
2. Embed guiding principles: flexible, cohesive, scalable, single, secure point of contact.

# ARUCC and the Groningen Declaration Taskforce Recommendations

3. Promote guiding benefits:
  - improve service to students,
  - support and improve student mobility,
  - promote national dialogue re: student mobility and success, and
  - align with the national/ international goals of other Canadian postsecondary stakeholders
4. With ARUCC taking the lead, create a governance model of a national joint steering committee to provide oversight.
5. More details about recommendations at [arucc.ca](http://arucc.ca) (click on “Task Force: Groningen”)



# The Canadian Electronic Student Data Exchange Mosaic: *Current State*

	<b>National application centre</b>	<b>Provincial application centres &amp; other hubs</b>	<b>Intra-provincial movement of electronic data</b>	<b>Inter-provincial movement of electronic data</b>	<b>International movement of electronic data</b>
Secondary to Post-Secondary	--	Ontario (OCAS, OUAC), Alberta, BC, Sask, Quebec CEGEP Centres – XML incl. French vers.	Yes	Ontario, select PSIs Other are direct from Ministry or app centres	Selective exchange available
Post-Secondary to Post-Secondary	--	Ontario (2), Alberta Nova Scotia, Quebec BCI, BC – XML, PDF (some shifting to XML from EDI)	Depends on jurisdiction - Some (EDI / PDFs/XML), but only among certain institutions	BC to Ontario	Selective exchange available

# ARUCC and the Groningen Declaration Taskforce: - Discussion -

## 1. ACTION ITEM: Fall 2017

Create a Research Information Request for a blueprint of a pan-Canadian data exchange model (see [www.arucc.ca](http://www.arucc.ca) under “Task Force: Groningen”). Solution should consider and build upon existing capacities - the Canadian “mosaic”.

## 2. ACTION ITEM: Spring 2018

Use the results of the Research Request for Information to build a business case to support enactment of the initiative (ARUCC Biennial General Meeting in June 2018).

# Highlights of Work Completed (April-Fall 2017)

- Conducted more than 100 registrarial and data exchange experts both provincially, nationally, and internationally
- Distributed research request to more than 1400 data exchange and student mobility experts around the world through the Groningen Network
- Conducted direct consultation with more than 50 different organizations, vendors, and people with expertise in national data exchange
- Received 16 submissions in response to the international [Research Information Request](#).
- 8 submissions arrived from 10 application centres and student data hubs in Canada

**Findings from these efforts builds on the results of a national consultation survey of Canadian post-secondary institutions.**

# Next Steps

- Continuing next stage consultations and planning with post-secondary and data exchange experts
- Reviewing and analysing the findings from the [Research Information Request](#)
- Developing a business case and associated potential models for the national data exchange network in Canada
- Identifying funding opportunities and a roadmap towards implementation

# Q&A

What recommendations do you have?  
How can you help?

# Send insights to the ARUCC Groningen and Student Mobility Steering Group

**ARUCC Groningen Website** <http://arucc.ca/en/resources/task-force-groningen.html>