

# A Canadian BIM Education Strategy

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# BIM Education Strategy

## Educate

*Develop training and educational programs to develop the core BIM capabilities in the Canadian AECOO community*

**3.1.0.** - Build a community of practice of parties offering BIM education and training in Canada

**3.2.0.** - Develop reference curriculum for BIM education in Canada

**3.4.0.** - Provide accreditation for institutions

**3.3.0.** - Develop BIM training packages for AECOO community stakeholders

**3.5.0.** - Provide certification for individuals

***Our vision: The Canadian BIM community will be highly competent and competitive within Canada and be recognised as such around the globe.***

# Strengths, Challenges & Opportunities

Strengths	Challenges	Opportunities
<ul style="list-style-type: none"><li>• Engagement with AECOO community</li><li>• Connection to bSI</li><li>• Support from bSC, CanBIM &amp; other key organisations</li><li>• Eager participants</li></ul>	<ul style="list-style-type: none"><li>• Fragmentation</li><li>• Diverse providers and requirements</li><li>• Certification/ accreditation</li><li>• What is BIM?</li><li>• Language</li></ul>	<ul style="list-style-type: none"><li>• Demand</li><li>• Can learn from others</li><li>• Partnerships &amp; engagement</li><li>• Build on existing achievements</li></ul>

# Outcomes

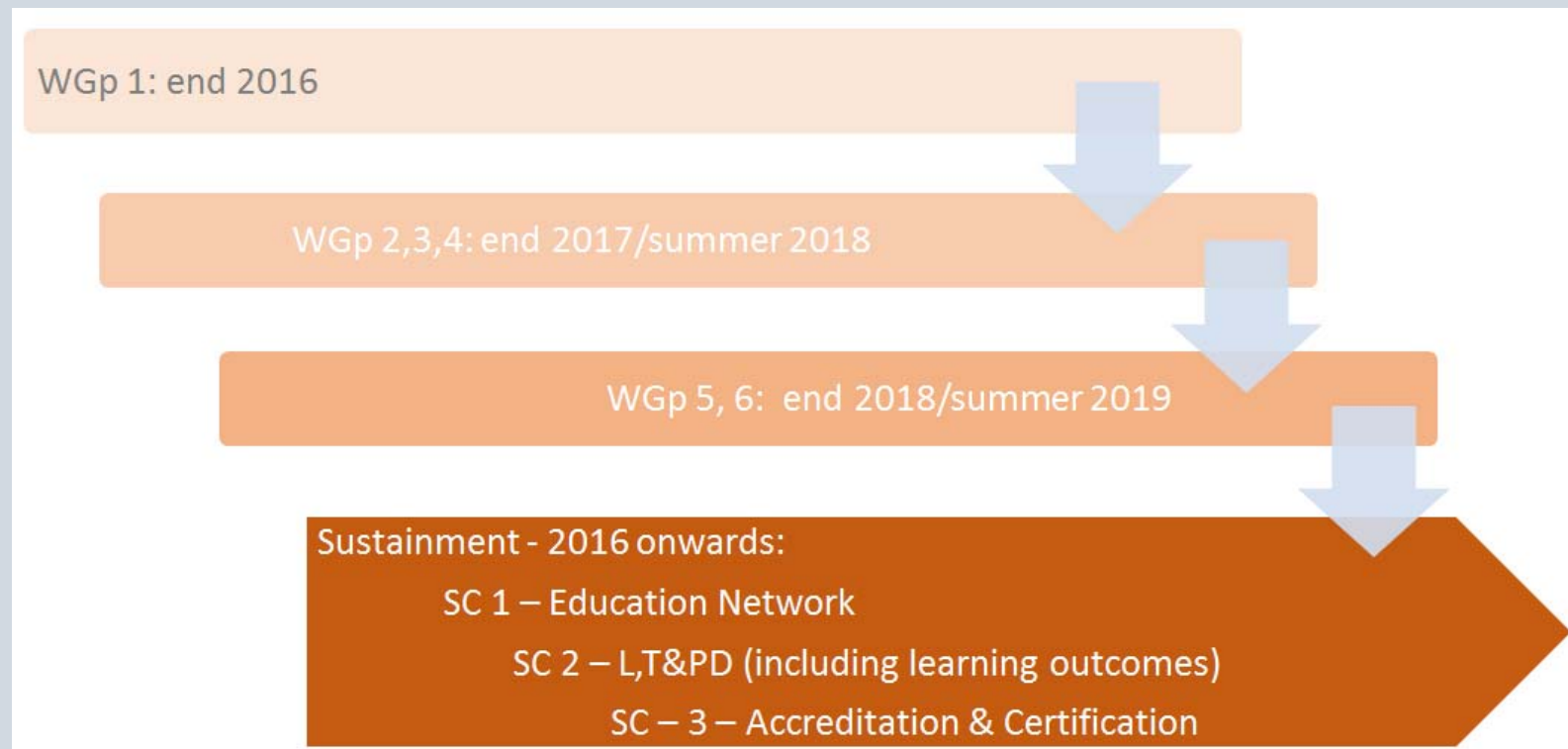
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- Framework for future educational work
- Defined and accepted educational standards
- Targets for integrated educational programs
- Targets for robust and recognized certification and accreditation processes
- Ensure global relevance of Canadian professionals by aligning with international standards, best practices and activities relevant to education and certification

# Strategic Work Groups

Work Group	Leader	Organization	Contact
WG 1 – Learning Outcomes Framework	Chris Willis	George Brown College	Christopher.Willis@georgebrown.ca
WG 2 – University curriculum	Sheryl Staub-French	University of British Columbia	ssf@civil.ubc.ca
WG 3 – College curriculum	Petro Karanxha	George Brown College	Petro.Karanxha@georgebrown.ca
WG 4 – Professional development/ continuing education	Justin James	Reach Consulting	jjames@reach-consulting.ca
WG 5 – Accreditation/certification	Dan Doherty	Clark Builders	dan.doherty@clarkbuilders.com

# Timeline



# Progress to Leverage

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## CanBIM

### Certification

- CanBIM Professional Certification Program for Individuals (launched 2014)
- CanBIM Certification Program for Educational Programs/Courses/Training (launched 2015)
- CanBIM Company Certification (launched 2016)

### Educational

- Growing Database of BIM-related courses currently delivered at Colleges/Cegep across Canada
- Systematic benchmarking of single-course and program learning outcomes for both higher education and continuing education for industry & professionals
- CanBIM Program & Course Designation Levels corresponding to Professional Certification Levels

## bSC

- Canadian Practice Manual for BIM & toolkits

## International

- United Kingdom – Learning Outcomes Framework
- buildingSMARTNorway - Learning Outcomes Framework & BIM curriculum



# Interested in participating?

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