

**TARGETED COMPETENCY:**

- Interpersonal
- Systemic
- Strategic

- Anticipatory
- Normative

**ACTIVITY TYPE:**

- Session
- Engineering track
- Workshop
- CIRODD and you
- Panel
- Teamwork

**The complete program is on Eastern Time (EDT)**

- Mandatory
- - - Non-mandatory

Tuesday, July 27

Sunday, August 1st

Individual work and proposed schedule, in asynchronous mode

**9:30 - 9:50**  
**Preparatory Work:**

- **20-minute video on the presentation of the basic competencies framework**
- **Background reading**

Pause - 10 min

**10:00 - 10:50**  
**Self-assessment - Key competencies of sustainability – keys for successful complex-problem solving**

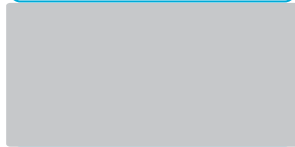
Deadline for submission Wed. July 28 at noon

Pause - 10 min

**11:00 - 12:00**

**Define your personal indicators of success or change**

Deadline for submission Monday, August 2 at 9am



**1:30 - 3:00**

**Preliminary assignment : Metropole project analysis**

Deadline for submission Monday August 2nd at 9am

**11:00 - 12:00**  
**Let's get to know each other (Q&A session #1)**  
 Stéphanie Jagou, CIRODD



**1:30 - 2:30**  
**Let's get to know each other (Q&A session #2)**  
 Stéphanie Jagou, CIRODD

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Monday, August 2nd	Tuesday, August 3rd	Wednesday, August 4th	Thursday, August 5th	Friday, August 6th
		<b>8:15 - 9:00</b> Carbon emission accounting and life cycle assessment in urban areas		
<b>9:00 - 9:10</b> <b>Welcome word</b> Mohamed Cheriet, CIRODD Carmela Cucuzzella	<b>9:00 - 9:10</b> <b>Healthy start of the day</b> Andrea Gideon, CIRAIG	<b>9:00 - 10:15</b> <b>Challenges and opportunities for more resilient municipalities and communities : A focus on climate change</b> 	<b>9:00 - 9:10</b> <b>Let's talk: debriefing</b> Stéphanie Jagou, CIRODD	<b>9:00 - 9:10</b> <b>Healthy start of the day</b> Andrea Gideon, CIRAIG
<b>9:10 - 9:25</b> <b>Program presentation</b> Stéphanie Jagou, CIRODD	<b>9:10 - 10:00</b> <b>Group dynamics, power relations and leadership styles</b> Marie-Eve Houde, Business Strategy Consultant, Organizational Development and Corporate Culture		<b>9:10 - 9:55</b> <b>Systems thinking</b> Carmela Cucuzzella, UConcordia	<b>9:10 - 10:00</b> <b>Challenges and opportunities for more resilient cities : What can SDGs contribute?</b>
<b>9:25 - 9:50</b> <b>N'Ice Breaker</b> Daniel Forget, I-EDS Hugo Stebens, MIS <small>Pause - 10 min</small>	<b>10:00 - 11:00</b> <b>Organizational cultures and impacts on teams and project management</b> Valérie Lehmann, UQAM <small>Pause - 10 min</small>	<b>10:30 - 11:30</b> <b>How to communicate effectively to different climate profiles</b> Philippe Poitras, Unpointcinq <small>Pause - 15 min</small>	<b>10:05 - 11:05</b> <b>Systems thinking</b> Carmela Cucuzzella, UConcordia <small>Pause - 10 min</small>	<b>10:10 - 11:45</b> <b>Reimagining the ways we inhabit Québec: a co-design workshop by Chemins de transition</b> F. Scherrer, C. Guillemain, UMontréal <small>Pause - 10 min</small>
<b>10:00 - 11:00</b> <b>Key competencies in sustainability</b> Aaron Redman, ASU Daniel Forget, I-EDS <small>Pause - 10 min</small>	<b>11:10 - 12:00</b> <b>Collaborative approaches through dialogue</b> Olivier Riffon, UQAC	<b>11:30 - 12:30</b> <b>How to communicate more effectively</b> Julien Tréfeu, Coach	<b>11:15 - 12:00</b> <b>Systems thinking</b> Carmela Cucuzzella, UConcordia <small>Pause - 10 min</small>	<b>11:45 - 12:00</b> <b>Debriefing</b>
<b>11:10 - 12:00</b> <b>Cynefin - a framework for decision making</b> Hugo Stebens, MIS				
<b>1:00 - 1:25</b> <b>Open Q&amp;A session</b>	<b>1:00 - 1:25</b> <b>Open Q&amp;A session</b>	<b>1:00 - 1:25</b> <b>Open Q&amp;A session</b>	<b>1:00 - 1:50</b> <b>Understanding and working with local authorities</b> Julie-Maude Normandin, Cité ID Lab, ENAP	<b>1:00 - 1:25</b> <b>Open Q&amp;A session</b>
<b>1:30 - 2:15</b> <b>Ethical posture, PEI and implicit bias</b> William Jacomo-Beauchemin Batone Neto Exeko <small>Pause - 15 min</small>	<b>1:25 - 2:15</b> <b>The Great Dialogue for the socio-ecological transition</b> Olivier Riffon, UQAC	<b>1:25 - 2:15</b> <b>Adapting sustainable development approaches according to the size of the municipalities</b> Juste Rajaonson, UQAM <b>Asynchronous mode</b> <small>Pause - 15 min</small>	<b>1:50 - 2:50</b> <b>Systems thinking</b> Carmela Cucuzzella, UConcordia	<b>1:30 - 4:00</b> <b>Freely arranged group work</b> 
<b>2:30 - 4:00</b> <b>Non-violent communication (NVC), a strategy for building sustainable relationships</b> Marie-Eve Houde, Business Strategy Consultant, Organizational Development and Corporate Culture	<b>2:30 - 4:00</b> <b>Co-capacity building: a beacon on the interpersonal ecology of the system within us</b> Alexia Bhereur-Lagounaris, J.W. McConnell Family Foundation Alain Meunier, Communagir	<b>2:30 - 3:30</b> <b>Presentation of the key aspects of the 3 case studies</b> <small>Pause - 10 min</small>	<b>3:00 - 4:00</b> <b>Systems thinking</b> Carmela Cucuzzella, UConcordia <small>Pause - 10 min</small>	
		<b>3:40 - 4:00</b> <b>Deep dive in your case study: meet the team!</b>		

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Monday, August 9th	Tuesday, August 10th	Wednesday, August 11th	Thursday, August 12th	Friday, August 13th
		<b>8:15 - 9:00</b> Building sector retrofit scenarios and impact on carbon emissions 		
<b>9:00 - 9:10</b> <b>Program Presentation</b> Stéphanie Jagou, CIRODD	<b>9:00 - 9:10</b> <b>Healthy start to the day</b> Andrea Gideon, CIRAIG 	<b>9:00 - 9:50</b> <b>Developmental evaluation in COSMOSS Bas-Saint-Laurent: how to adapt to complexity in real time</b> Ludovic Décoret, COSMOSS Bas-Saint-Laurent 	<b>9:00 - 9:10</b> <b>Answers to students' questions</b>	<b>9:00 - 9:10</b> <b>Healthy start to the day</b> Andrea Gideon, CIRAIG 
<b>9:10 - 10:00</b> <b>What is Strategic Thinking &amp; How Does A Strategic Planning Framework Help?</b> Glyn Bissix, UAcadia 	<b>9:10 - 9:50</b> <b>Systems thinking</b> Carmela Cucuzzella, UConcordia 	<b>10:00 - 11:15</b> <b>Integration issues for Lauberivière in its new environment</b> Pierre-Luc Lachance, Ville de Québec Jacques Blanchet, MDD 	<b>9:10 - 10:00</b> <b>Community Strategic Planning to Action</b> Glyn Bissix, UAcadia 	<b>9:10 - 10:30</b> <b>Mid-term presentation of team work</b> 
Pause - 10 min	Pause - 10 min	Pause - 10 min	Pause - 10 min	Pause - 10 min
<b>10:10 - 11:00</b> <b>Building a Community Mission and Vision from Systemic Analysis</b> Glyn Bissix, UAcadia 	<b>10:00 - 12:00</b> <b>Systems thinking</b> Carmela Cucuzzella, UConcordia 	<b>11:15 - 12:00</b> <b>How to communicate more effectively</b> Julien Tréfeu, Coach 	<b>10:10 - 11:00</b> <b>Localizing Sustainable Development</b> Stefan Jungcurt, IISD 	<b>10:40 - 11:40</b> <b>A focus on future thinking</b> 
Pause - 10 min			Pause - 10 min	Pause - 10 min
<b>11:10 - 12:00</b> <b>Theory of change: a strategic approach</b> Hugo Steben, MIS 			<b>11:10 - 12:30</b> <b>Mino Bimaadziwin: weaving indigenous perspectives with the SDGs</b> 	<b>11:50 - 12:00</b> <b>Debriefing</b>
<b>1:00 - 1:25</b> <b>Open Q&amp;A session</b>	<b>1:00 - 2:50</b> <b>Systems thinking</b> Carmela Cucuzzella, UConcordia 	<b>1:00 - 1:25</b> <b>Open Q&amp;A session</b>	<b>1:00 - 2:30</b> <b>Meet the experts</b> 	<b>1:00 - 4:00</b> <b>Freely arranged group work</b> 
<b>1:30 - 2:45</b> <b>Parcours ENCS-691</b> <b>Carbon footprint accounting roadmaps on different scales</b> Ursula Eicker, UConcordia 		<b>1:30 - 2:45</b> <b>How do we flesh out our vision of the future to make it a reality?</b> Glyn Bissix, UAcadia 	<b>2:40 - 4:00</b> <b>Freely arranged group work</b> 	
Pause - 15 min	Pause - 10 min	Pause - 15 min	Pause - 10 min	
<b>3:00 - 4:00</b> <b>Parcours ENCS-691</b> <b>Carbon footprint accounting for energy systems and green infrastructure</b> Ursula Eicker, UConcordia 	<b>3:00 - 4:00</b> <b>Systems thinking</b> Carmela Cucuzzella, UConcordia 	<b>3:00 - 4:00</b> <b>Saint-Jean-Sur-Richelieu : The implementation of a sustainable development strategy</b> Marie Chochoy, Ville de Saint-Jean-Sur-Richelieu 		

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Monday, August 16th      Tuesday, August 17th      Wednesday, August 18th      Thursday, August 19th      Friday, August 20th

<p><b>9:00 - 12:00</b> Freely arranged group work</p> <div style="display: flex; flex-direction: column; gap: 10px;"> </div>	<p><b>9:00 - 12:00</b> Freely arranged group work</p> <div style="display: flex; flex-direction: column; gap: 10px;"> </div>	<p><b>9:00 - 9:50</b> <b>Cross Learning: the key competencies</b></p> <div style="display: flex; flex-direction: column; gap: 10px;"> </div> <p style="text-align: center; font-size: small;">Pause - 10 min</p> <p><b>10:00 - 11:30</b> <b>Challenges and opportunities for more resilient cities: Is the implementation of circularity a necessity to enable the socioecological transition of our societies?</b></p> <div style="display: flex; flex-direction: column; gap: 10px;"> </div> <p><b>11:30 - 12:00</b> <b>Open Q&amp;A session</b></p> <div style="display: flex; flex-direction: column; gap: 10px;"> </div>	<p><b>9:00 - 12:00</b> Freely arranged group work</p> <div style="display: flex; flex-direction: column; gap: 10px;"> </div>	<p><b>9:00 - 12:00</b> Freely arranged group work</p> <div style="display: flex; flex-direction: column; gap: 10px;"> </div>
<p><b>1:00 - 4:00</b> Freely arranged group work</p> <div style="display: flex; flex-direction: column; gap: 10px;"> </div>	<p><b>1:00 - 3:00</b> <b>Dedicated Team Coaching</b> Julien Tréfeu, Coach</p> <div style="display: flex; flex-direction: column; gap: 10px;"> </div>	<p><b>1:00 - 1:50</b> <b>Parcours ENCS-691</b> Cross learning of emission accounting for the different use cases and scales Ursula Eicker, UConcordia</p> <div style="display: flex; flex-direction: column; gap: 10px;"> </div> <p style="text-align: center; font-size: small;">Pause - 10 min</p> <p><b>2:00 - 3:00</b> <b>Parcours ENCS-691</b> Introduction to the gamification platform I: coding concepts Ursula Eicker, UConcordia</p> <div style="display: flex; flex-direction: column; gap: 10px;"> </div> <p style="text-align: center; font-size: small;">Pause - 15 min</p> <p><b>3:15 - 4:00</b> <b>Parcours ENCS-691</b> Gamification part II: Connecting frontend interaction with backend modeling Ursula Eicker, UConcordia</p> <div style="display: flex; flex-direction: column; gap: 10px;"> </div>	<p><b>1:00 - 4:00</b> Freely arranged group work</p> <div style="display: flex; flex-direction: column; gap: 10px;"> </div>	<p><b>1:00 - 4:00</b> Freely arranged group work</p> <div style="display: flex; flex-direction: column; gap: 10px;"> </div>

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Monday, August 23rd      Tuesday, August 24th      Wednesday, August 25th      Thursday, August 26th      Friday, August 27th

<p><b>9:00 - 12:00</b> Freely arranged group work</p> <div style="display: flex; flex-direction: column; gap: 10px;"> </div>	<p><b>9:00 - 12:00</b> Freely arranged group work</p> <div style="display: flex; flex-direction: column; gap: 10px;"> </div>	<p><b>9:00 - 9:50</b> <b>Cross Learning: the Sustainable Development Goals</b></p> <div style="display: flex; flex-direction: column; gap: 10px;"> </div> <p style="text-align: center; font-size: small;">Pause - 10 min</p> <p><b>10:00 - 11:30</b> <b>Using the gamification for carbon emission scenarios, benchmarks and scoring: examples from the C40 project</b></p> <p>Christopher Gibbs, UConcordia</p> <div style="display: flex; flex-direction: column; gap: 10px;"> </div> <p><b>11:30 - 12:00</b> <b>Open Q&amp;A session</b></p> <div style="display: flex; flex-direction: column; gap: 10px;"> </div>	<p><b>9:00 - 12:00</b> Freely arranged group work</p> <div style="display: flex; flex-direction: column; gap: 10px;"> </div>	<p><b>9:00 - 12:00</b> Final presentations of the team work</p> <div style="display: flex; flex-direction: column; gap: 10px;"> </div>
<p><b>1:00 - 4:00</b> Freely arranged group work</p> <div style="display: flex; flex-direction: column; gap: 10px;"> </div>	<p><b>1:00 - 3:00</b> <b>Dedicated Team Coaching</b></p> <p>Julien Tréfeu, Coach</p> <div style="display: flex; flex-direction: column; gap: 10px;"> </div>	<p><b>1:00 - 1:50</b> <b>Parcours ENCS-691</b></p> <p>Roadmap revision and metrics for carbon emission progress monitoring</p> <p>Ursula Eicker, UConcordia</p> <p style="text-align: center; font-size: small;">Pause - 10 min</p> <p><b>2:00 - 3:00</b> <b>Parcours ENCS-691</b></p> <p>Wrapping up, answering questions, checking consistency of results</p> <p>Ursula Eicker, UConcordia</p> <p style="text-align: center; font-size: small;">Pause - 15 min</p> <p><b>3:15 - 4:00</b> <b>Parcours ENCS-691</b></p> <p>Cross-learning of case studies, scalability of methods</p> <p>Ursula Eicker, UConcordia</p>	<p><b>1:00 - 3:00</b> <b>Dedicated Team Coaching</b></p> <p>Julien Tréfeu, Coach</p> <div style="display: flex; flex-direction: column; gap: 10px;"> </div>	<p><b>1:00 - 4:00</b> Social activity</p> <div style="display: flex; flex-direction: column; gap: 10px;"> </div>