



Chemistry Industry Association of Canada (CIAC)

National Advisory Panel

October 5 and 6, 2021, 1:00-4:30 pm ET; via zoom

Day One

National Advisory Panel

Alex von Knobloch
Beverly Osazuwa
Christopher Hilkene
Nadine Blaney
Nadine Gudz
Richard Janda
Ron Ormson
Pat McLean
Jacob Westfall

CIAC Staff

Daniella Muhanzi
Danielle Morrison
Gilles Laurin
Isabelle Des Chênes
Jeff Stevens
Shannon Watt
Kara Edwards
Shawna Bruce (Facilitator)

1. Welcome Remarks

Shawna welcomed all participating members of the National Advisory Panel (NAP). Newly attending CIAC staff participants, including Daniella Muhanzi (Responsible Care Coordinator) and Jeff Stevens (Incoming Responsible Care Director), were also introduced.

Isabelle provided a personal welcome from CIAC, including a virtual land acknowledgement from her location in the unceded, unsundered Territory of the Anishinaabe Algonquin Nation (Ottawa). A panel member provided the following [resource](#) to identify the indigenous territories where panel members are located.

Panel Participation: *What is the most newsworthy story you are following?*

- Ron acknowledged Chris' [Clean50 Award](#). Canada's Clean50 Awards annually offers recognition to Canada's leaders in sustainability for their contributions over the prior two years.

2. Open Meeting

Shawna shared a Responsible Care® Moment, presenting a recent fire at a non-member chemical plant in Toronto. This company let the fire department do the speaking and never spoke directly to the public, despite having a fatality and several injuries. This is in contrast to Responsible Care companies, who own the crisis and are first, fast, and factual.

Shawna also shared an example of a Dow Fort Saskatchewan facility who was doing a turnaround and was very active in educating the surrounding community about their activities. A Facebook page for a neighborhood 30km away from the facility was commenting on their observations, which speaks to the need for companies to listen and be proactive rather than reactive.

Shawna motioned to accept the October 2021 NAP agenda; Richard moved; Pat seconded.
Shawna motioned to accept the May 2021 NAP Minutes; Nadine B. moved; Pat seconded.

3. CIAC Status Report

Isabelle provided an update on CIAC, the federal election, and its impact on advocacy. The follow-up to the NAP's Sarnia Letter was pushed to Day Two.

a) Executive Vice President's Update

Key messages

- CIAC staff continue to work from home and hope to return to the workspace after Thanksgiving. Ontario COVID-19 case counts are improving; however, it is important to track post-holiday gathering trends.
- The weather events down south have led to downtime for US member facilities and have increased production in Canada. CIAC is in good shape to deliver our services, given the revenues coming in.
- CIAC continues progress on the 2021-2023 Strategic Plan, with a focus on Responsible Care, governance reviews, and Plastics Division integration.
- From an advocacy perspective, a bill on CEPA modernization is expected in this new parliament and CIAC will work with the NAP on possible recommendations.
- The Plastics Division has been busy and is focused on regulations for the implementation of the single-use plastics ban, which are expected by the end of this year.

b) Election and impact on advocacy

Two weeks ago, Canadians elected a minority parliament. While the seat numbers are similar, there are 52 new MPs. With the loss of 3 female ministers and the fact that Catherine McKenna did not run, the Prime Minister (PM) will have to do a major rebalancing of his cabinet. The PM did announce this week that Cabinet would be appointed in October – we are hearing either late week of the 4th or after Thanksgiving. Chrystia Freeland will stay on as Deputy Prime Minister and Minister of Finance and given his participation in early meetings for COP 26, the expectation is that Minister Wilkinson will also stay on in Environment.

The PM noted that Parliament would return before end of Fall – given COP is taking place the first two weeks of November, we do not expect this to happen sooner than November 15*. There is speculation that the PM may be thinking of winding down his tenure as leader and as such might be inclined to focus on legacy issues: climate change, Indigenous issues, childcare, housing affordability and economic growth.

CIAC's key advocacy priorities will be focused on 1. Competitive Investment Environment; 2. Climate change and net-zero; and 3. Circular economy for plastics. CIAC will also be paying close attention to CEPA modernization and transportation issues.

*Since the meeting the PM announced that Cabinet would be sworn in on October 26 and Parliament will resume November 22.)

Question: Did CIAC play role in this [pipeline action](#)?

Answer: No.

Comment: Operation Clean Sweep (OCS) was raised a few times, so one panel member noted that they had the opportunity to provide input into Canadian OCS on four different occasions. They are currently working with the Plastics Division on a backstop regulation in Ontario which would create an exemption for any company belonging to OCS. The hope is to drive more companies to the association and the superior solutions offered through OCS.

Question: There are rumours that Minister Wilkinson will stay with Environment and Climate Change and will have more than one portfolio. Another quick election is not welcome or desired, so this government will likely remain in place for a few more years. What does more years with this government mean?

Answer: CIAC's refreshed advocacy plan positions this new government as an opportunity to reset and to get in front of all MPs. Due to the minority nature of this parliament, MPs will be very important and will flow through various committees. CIAC will develop a targeted approach for each of the parties, including the NDP (seen as the "dance partners") and Conservatives (the Opposition). The goal is to create win-win scenarios. With respect to Minister Wilkinson, a double portfolio would make sense given their minority parliament and the gender parity, which may cause them to shrink the size of their cabinet.

Question/Comment: One panel member shared that there is a company (non-CIAC member) in Guelph that is leaving plastic pellets on the ground. The panel member reached out to this company six months ago regarding the issue, and the company indicated that they are becoming a member of the CIAC Plastics Division. There have not been any improvements in the situation since, and it is very frustrating to see companies that do not care about the environment.

Answer: See follow up under point 5 (Opening Remarks) from Day Two of the meeting.

4. Responsible Care Update

a) Responsible Care Activities in 2021

Shannon Watt outlined the RC team's work to date for 2021, including a refresher on the composition of the team – Shannon Watt (Vice President, Sustainability), Gilles Laurin (Director, Responsible Care), Jeff Stevens (Incoming Director, Responsible Care), Kara Edwards (Director Transportation), Kristina Adler (Transportation Policy and Program Officer), Danielle Morrison (Policy Analyst, Environment and Health), and Daniella Muhanzi (Coordinator, Responsible Care). This year, the RC team has been busy with virtual verification and audits, webinars, leadership groups, the Process Safety Network, the SHARE Network, data collection, and the 2020 Responsible Care report.

b) CIAC Strategic Plan Objectives

PART 1. REFRESH ON VERIFICATIONS

Shannon Watt shared progress on CIAC's plans to provide all members with flexibility in meeting their Responsible Care commitments. Members should have access to the American Chemistry Council's (ACC) RCMS/RC14001 audit approach (with Canadian mandatory elements) and RC Commitments and Verification process. Progress to date includes:

- development of guidance for virtual verifications during the pandemic;

- developing a Verifier Recruitment Strategy;
- initiated regular All Verifier meetings;
- revamping of post-verification and audit surveys;
- continued contact with ACC staff on their Responsible Care priorities; and
- updating of the Verification Protocol for Verifiers.

Comment: A panel member shared that it is wonderful to see RC content featured prominently and applauded the team their work with verifiers. They also shared that CIAC has a leading approach to verification and is being humble.

PART 2. INCLUSION OF EDI IN RESPONSIBLE CARE COMMITMENTS

Jeff Stevens provided an update on equity, diversity, and inclusion (EDI) commitments. As part of the strategic plan, the board directed CIAC to update the Responsible Care commitments to address EDI in members Canadian operations. The board has also encouraged CIAC to fast track this process with a goal for completion by 2023.

Some key feedback that came from the EDI workshop that was used in this iteration:

Feedback	Progress
There is a need for a clear definition of EDI.	The Canadian Centre for Diversity and Inclusion (CCDI) and the University of Toronto definitions are guiding code development. Rather than try to prescribe a definition to suit all members and circumstances, the group has suggested that definitions for Equity, Diversity and Inclusion are added to the glossary as a baseline, but members will be encouraged to develop their own definitions and statements as appropriate for their organization.
There should be an update to the ethic and principles of Responsible Care.	The Responsible Care Ethic and Principles for Sustainability We dedicate ourselves, our technology, and our business practices to sustainability – principles of Responsible Care are key to our business success, and compel us to: <ul style="list-style-type: none"> • Understand and meet the expectations of internal and external stakeholders for social responsibility, including equity, diversity, and inclusion.
There is a need to develop specific code elements.	<u>EQUITY, DIVERSITY, AND INCLUSION</u> (Operations Code Elements) The company shall stive to create an environment and culture that recognizes the value of diversity and inclusiveness. The company shall strive for continuous improvement in the areas of equity, diversity and inclusion and benchmark against established best practices. The company shall for its employees, contractors and others engaged in the company's operations: <ul style="list-style-type: none"> • OP 81. have programs in place to advance actively increase equity, diversity, and inclusion. • OP 82. provide resources and engagement opportunities related to equity, diversity, and inclusion. • OP 83. have a process in place for equity, diversity, and inclusion, to periodically (a) solicit feedback, (b) measure and evaluate performance.

Next steps include refining the elements based on feedback from Responsible Care Leadership Groups (RCLGs), presentation to the CIAC Board for approval of direction, review of Accountability and Stewardship Codes, potential addition of EDI elements, seeking out feedback from external experts and stakeholders, update RC Commitments for consistency, review by RCLGs, and approval of work by the CIAC Board.

Question: Who has this been presented to?

Answer: The four RCLGs (Ontario East, Ontario West, Quebec, Western Canada).

Question: Are there any definitions of equity, diversity, and inclusion? Definitions will be most important part of the process.

Answer: CIAC will provide definitions for each of the three terms in the glossary. The Appendix under social responsibility will include expectation for members to refine definitions based on their companies' programs. CIAC is looking at definitions from CCDI and University of Toronto and is moving forward with element development rather than getting caught up in definitions.

Question: One panel member shared that they participated in a recent verification and noticed a lack of EDI.

Answer: CIAC shared that there is an opportunity for members to share best practices and integrate these into their management systems. It is especially important to share this information with smaller companies who have less resources.

Question: A panel member highlighted the level of ambition required for this undertaking – there is a need for future planning, capacity building, and taking stock of existing practices. What does it mean to lead in areas of EDI?

Answer: CIAC has received a spectrum of responses from members, including BASF, Dow, and ERCO Worldwide. There are many initiatives from top down and bottom up and they are all very committed. For smaller members, there is more to unpack, particularly “what does diversity mean in a small town that is not very diverse?”.

Comment: A panel member provided advice, sharing that the best codes are the ones that are the shortest and the clearest.

PART 3. ALIGNING RESPONSIBLE CARE WITH THE UN SUSTAINABLE DEVELOPMENT GOALS

Danielle Morrison provided an overview of the project plan to communicate industry performance in line with the UN SDGs, where data is currently being collected and to monitor and participate in ACC efforts to develop an SDG-aligned sustainability initiative.

There are eight SDGs that have been identified to be of most relevance to CIAC:



Following a similar approach to ACC, CIAC will look to align and use these UN SDGs to publicly translate our data and Responsible care commitments given the SDGs' role as a universal language. It is therefore recommended:

1. to resurrect and adjust the Transportation (TIM) and End of Year Business Surveys and align current data with the SDGs for public communication and Responsible Care branding;
2. to address the gap in our data for SDG 7 and SDG 10 and on the qualitative side, look at new energy consumption measures (through existing federal datasets instead of collecting new data), develop Equity, Diversity, and Inclusion Measures once the Responsible Care codes are updated, use the new Responsible Care awards as a way to share and collect member stories; and
3. as part of a rebrand and communications strategy for Responsible Care, include the SDGs more actively in our reporting, including in our Annual Sustainability Report.

Question: Why are the UN SDGs seen as a universal language?

Answer: The UN SDGs are seen as a “universal translator” of sustainability across different industries, organizations, or even countries. It is a means for conveying how sustainability is manifesting or being addressed in a particular industry to external audiences. The intent being to bring more congruency to the sustainability conversation broadly and generate a more harmonized effort across the globe.

Question: When do you plan to complete this work?

Answer: CIAC plans to complete this work for the 2022 year of data collection (next year) – given the target year of 2030 for the UN SDGs, CIAC wants this work to be delivered sooner rather than later.

- c) RC Report: Danielle Morrison provided an overview of the 2020 Responsible Care report, [available in PDF](#) and an [interactive website](#).

Question: Does CIAC plan to print this report?

Answer: No, we will go paperless for this report, given its web-based features.

Question: Are there any plans to include the NAP in the next report?

Answer: Yes, this is an excellent idea as the NAP serves as external critics for CIAC, including Responsible Care.

- d) Next Steps

Priorities for 2022 include the completion of CIAC Strategic Objectives related to verification and audit flexibility, with a goal of continuous improvement. EDI commitments to be complete by 2023, and UN SDGs alignment is well underway.

A final report on the Responsible Care Strategic Direction will include Community Engagement (sharing of best practices, work with ACC, development of modern and digital tools and approaches for proactive public outreach, and the TRANSCAER strategic plan) and a Responsible Care Communication Plan (improved branding and awareness, increased social media presence, RC Awards revamp, advocacy and outreach, UN SDGs alignment, and TRANSCAER Strategic Objectives).

Day Two

National Advisory Panel

Alex von Knobloch
 Beverly Osazuwa
 Christopher Hilkene
 Nadine Blaney
 Richard Janda
 Pat McLean
 Jacob Westfall

CIAC Staff

Daniella Muhanzi
 Danielle Morrison
 Kara Edwards
 Kristina Adler
 Gilles Laurin
 Isabelle Des Chênes
 Shawna Bruce (Facilitator)

5. OPENING REMARKS

Shawna welcomed the panel back and reserved time for carried-over business from Day 1.

Follow-Up to Plastics Issue (raised on Day One)

The company in question was a CIAC Responsible Care partner in good standing for many years. When the owner passed ownership to his son, the commitments to Responsible Care were less top of mind for the new ownership. There was a point where they got ‘stuck’ on a Responsible Care verification and were not prepared at the time to do what was necessary to complete the process. They decided to leave membership. Unfortunately, the wind-up of the relationship required a legal cease and desist notice by CIAC lawyers as the company was promoting itself as Responsible Care.

Since then, however, the company joined Responsible Distribution Canada (RDC) and became members in good standing including their certification to Responsible Distribution. As Alex noted, CIAC Plastics Division staff have reached out to the company with their concerns about the spills. The company had signed an Operation Clean Sweep (OCS) commitment under the Canadian Plastics Industry Association but did not engage on the commitments and did not come to CIAC as a member under the Plastics Division. We are now asking them to consider joining as an OCS partner but that is a work in progress.

Last Friday, the CIAC Plastics Division reached out to RDC. They were disappointed in the news but committed to reaching out to the company to remind them about their commitments regarding Responsible Distribution. It was also great to hear ideas from the panel about potentially engaging Pollution Probe to reach out to the company for some positive peer pressure.

Follow-Up to Sarnia Letter

Isabelle shared that in parallel to this letter, the CIAC Board is undergoing a governance review, with a change to their governance committee structure. New Board committees (i.e., subsets of the Board of Directors) will include Finance and HR, Governance, and an RC committee. Many of the opportunities identified through the letter will be shared with this new RC committee once it is in operation. This would allow CIAC to put action to the recommendations of the NAP and allow NAP to share their advice and counsel directly with CIAC Board members.

In general, the letter has been well-received and will be part of the agenda at the October 2021 Board of Directors meeting. This update is an opportunity to go through each of the recommendations and provide specific updates and clarifications for each section prior to the Board meeting.

1 – First Nations Outreach and Engagement

- **Opportunity:** The NAP is in discussions with CIAC to visit Sarnia in person in 2022 and as per normal practice, looks forward to meeting industry representatives and key stakeholders to understand how Responsible Care is experienced in real life within the communities and companies. Including representation from Aamjiwnaang First Nation would support our intent to invite a member to join the NAP.
- **Update:** February may be too early, but we are hoping to identify a few key dates in the Spring. CIAC may look to conduct their Ontario West Leadership Group meeting in Sarnia (in advance of Board meeting). There is an opportunity for synergy in advance of the OWLG meeting to meet with BASES, BCAP, Aamjiwnaang First Nation, etc. and invite the NAP to an extended Leadership Group meeting.

2 – BASES

- **Opportunity:** The BASES website offers an opportunity to increase the presence and visibility of the Bluewater Community Advisory Panel (BCAP) in the community at large.
- **Update:** Our question to the NAP is: who should lead/facilitate (Sarnia members, CIAC, SLEA)? We would recommend this be one of points of discussion at BCAP/BASES meetings in the Spring as well. One panel member felt it would be worthwhile to have a precursor meeting with the BCAP prior to meeting with BASES in the Spring to understand if we are going in the right direction (bottom-up process). CIAC does not have a lot of visibility into these groups, so they would have to engage through our members. Kris and Jacob are part of the BCAP and could also help.

3 – Everbridge Phase 2

- **Opportunity:** The NAP looks to improve its understanding of how the Everbridge Alert Notifications system is integrated into the public notification protocols of member companies and/or how companies with their own emergency notification processes are managing emergency notifications for their near neighbours and community.
- **Update:** See point 2 above.

4 – Public information sharing

- **Opportunity:** The NAP recommends CIAC members who do not regularly engage with the community, increase the cadence in their sharing of public information. This can be done through the platforms or mediums used by the community (social media, updates lines for example) and for these efforts to be highlighted in future verifications under the Accountability Code.
- **Update:** In future and subsequent NAP meetings, CIAC could invite one Sarnia area member to share their approach with the panel. This would allow NAP members to ask questions and engage in more meaningful dialogue with members, especially around the RC accountability codes. Panel members wondered if members would be willing to do this and CIAC indicated that there is no push back at all to their knowledge. Shawna suggested inviting members beyond those in Sarnia for a holistic view of the membership and to prepare specific questions.

5 – Sustainability of the Bluewater Community Advisory panel

- **Opportunity:** The NAP believes it would be advantageous to speak directly with the BCAP facilitator and members of the Bluewater CAP during a proposed Sarnia visit in 2022. The NAP would like to better understand how the advisory and engagement process is working to determine its long-term sustainability model.
- **Update:** See point 2 above.

6 – Verifications

- **Opportunity:** The NAP appreciates that the area of concern mentioned in their letter are already encompassed within the RC Accountability Codes. To ensure progress made in future verifications, the panel suggested that more attention must be placed on companies that are not fully meeting self-healing RC management Plan-Do-Check-Act (PDCA) expectations for community awareness, two-way dialogue, and risk sharing. The NAP is specifically interested in what the consequences could be for members who do not meet the CIAC's stated intent regarding the three items listed in the letter.
- **Update:** Verifications have restarted and are back on track. There is an opportunity to see the above items being addressed in upcoming verification reports. The panel asked how many verifications were underway/planned, to which CIAC responded that ARLANXEO, INEOS Styrolution are completed, Imperial is scheduled, LANXESS coming up, NOVA Chemicals is also coming up but might be extended to next year.

7 – Verification process

- **Opportunity:** The NAP would like to work with CIAC during its strategic planning process to identify means to improve this visibility, whether through improved public reporting or other mechanisms. It is further encouraged that the findings of the Sarnia company Verifications be presented publicly at the Bluewater Community Advisory Panel and that reports, findings, observations, and best practices be shared with the public and other industries.
- **Update:** Revitalization of verification is currently in progress. The new RC Committee of the Board of Directors could drive these improvement opportunities as well and will be cognizant that the role of NAP is to generate dialogue and provide a critical view.

6. Transportation Update

a) TRANSCAER

Kristina Adler provided an update on the Transportation Community Awareness and Emergency Response (TRANSCAER) program.

CIAC's proposal to Transport Canada to partner on funding for renewed TRANSCAER tools and a cross-country outreach plan was successful. The funding will support three key activities:

- Construction of a new TRANSCAER safety training tank car
 - The CCPX 911 Safety Train was a railway tank car that was converted into a classroom on wheels for the purpose of training emergency responders
 - In 2020, CIAC secured a tank car donation from GATX and a project committee was formed to identify valves and housings that will be displayed, make key decisions relating to the

design and layout of the tank car, produce preliminary drawings, and source parts and material.

- Development of advanced training tools, including virtual reality educational tools designed to provide familiarization and awareness with railway equipment, emergency response, safety procedures, and the transportation of dangerous goods (TDG).
- Delivering a Canada-wide series of virtual training sessions for our target audiences using these new tools.

Next steps:

- receive final cost estimate for the new TRANSCAER tank car;
- secure sponsorships from CIAC's members and partners to support the development of the new tank car;
- completion of the outfitting of the tank car; and
- begin cross-country outreach tour leveraging the new tank car and virtual reality tools.

Question: Can this be incorporated into the Spring NAP meeting?

Answer: Potentially, we are targeting Q1 next year for launch.

b) TEAP III

Kristina Adler provided an update on the Transportation Emergency Assistance Program, Version III (TEAP III), sharing that COVID-19 made it difficult to get to sites for assessment, so a virtual assessment protocol was developed. The first pilot virtual assessment occurred in Fall 2021. Since then, some assessments have been successful and some have been more challenging. A decision was then made to resume in-person site assessments, following regional COVID-19 guidance. There is a general preference for in-person site assessments going forward, and CIAC continues to share learnings from these assessments.

Question: With the Lac-Mégantic incident, new TRANSCAER measures were adopted for that particular shipment. Are there any learnings similar to this between associations?

Answer: Following Lac-Mégantic, there was more attention to TDG and CIAC did see a lot more interest in TRANSCAER in industries outside the chemistry industry. CIAC has brought more partners in over the last five years and is really trying to amplify the TRANSCAER message.

Question: How has membership of TRANSCAER changed? In the past, there was a discussion about extension of TRANSCAER to transportation of crude oil across the country, but this was not feasible. How does this look now?

Answer: The Canadian Fuels Association (CFA) and Canadian Association of Petroleum Producers (CAPP) participate and promote TRANSCAER. To be a candidate for the RSIP project, we had to show the value of our programs and outreach. The RSIP used to be more operationally focused on specific rail safety issues, so by expanding the concept of what our outreach and awareness could look like, this helped amplify our message even more.

Question: How has the AskRail mobile app for TDG been working out? There had been some complaints in the early days about delays getting information on scene – have those been resolved?

Answer: The app is still being promoted as a tool and is still in use. CIAC will connect with their transportation contacts to find out if they are currently experiencing any challenges in the timeliness of information provided.

c) Advocacy Focus

Kara Edwards provided an overview of CIAC's Transportation advocacy focus. Post-election, CIAC plans to reach out to more elected officials to promote TRANSCAER. With respect to TDG, CIAC will collaborate closely with Transportation Canada on rail security regulations and have been proactively working with Transport Canada to update their TDG regulations guidance document (i.e., Part 6, Training and Part 8, Reporting).

With respect to freight rail advocacy, CIAC is pushing for rail to be recognized as an essential service and also working to introduce permanent data metrics for enhanced transparency.

Finally, CIAC plans to revamp the Transportation Incident Metric (TIM), in line with the RC Strategic Plan and the UN SDGs.

Question: For rail as an essential service, is there support for this at staffing level/political will?

Answer: CIAC will be in this for the long-term as it is a very complex issue. The previous governments actions were not very aligned to any major steps in this direction.

Question: Was there any impact to industry for transportation of storage containers during the pandemic?

Answer: There were slowdowns late last year with containers not getting to the right place (i.e., still on ships and not getting to ports).

Question: Is there a climate change angle (i.e., efficiency of rail) for advocating for rail as an essential service?

Answer: There is, and the government is very aware of the role of transportation in climate change and mitigation of climate change impacts. This is something we can leverage in discussions about rail being essential.

7. NAP Information Update

Nadine Blaney discussed her engagement with Life in the Heartland, an organization that communicates about industrial development. There has been a change in strategic direction to incorporate a two-way dialogue and establish regional community advisory panel. Previous years have seen a lack of engagement and trouble keeping these panels going at the individual company level. Life in the Heartland plans to get this going again with region-specific topics.

Pat McLean shared that she has recently moved to Hamilton but remains in contact with two chemical companies in Elmira. LANXESS started a community advisory panel related to operational issues a year and a half ago and has continued to meet regularly during the pandemic. Also, both LANXESS and Sulco have experienced issues with the number of hours allowed for rail service and a local volunteer group has restored old rail cars to do shunting within the companies' own properties. Finally, there have been issues Sulco claiming that they can meet the noise requirements for a new project; however, this was based on bad modelling. Sulco came back and asked for a change to the rules that would allow for more noise, however this was refused. They have appealed it again and the issues continues to progress.

Beverly Osazuwa shared that she is currently working on updating a guide around terminology on race and ethnicity as part of her work at the Library of Parliament.

Christopher Hilkene highlighted that 2022 is the 50th anniversary of the Canada-US Great Lakes Water Quality Agreement. Chemicals (e.g., flame retardants) in the Great Lakes environment is a large part of the

agreement and why it was created. Also, as a logical extension of Great Lakes plastics cleanup, Pollution Probe has partnered with the Toronto Zoo to create a plastics pathway through the zoo (made with recycled plastic). They are also working with a company called Green Mantra who is involved in advanced recycling. This pathway will be a tour of the entire plastics value chain, showcasing possible solutions along with the issues. There will be online options as well. Next, Chris introduced his transportation team, drawing from Kara's update and pointed to potential intersectional areas for CIAC and Pollution Probe. Christopher is also involved in organizing a youth climate change event and has found it difficult to find individuals who are solutions-oriented is difficult. The panel was asked to share any individuals who may be interested.

Richard Janda discussed the municipal election in Montreal, highlighting that the current mayor is very green in their policies, the previous mayor is running against them and is seeking greater development. Although not federal or provincial level, these decisions will have an impact on the environment and sustainability.

Shawna Bruce shared the following [press release](#), which highlights Dow Canada building the world's first net-zero facility. This is a huge announcement, especially as it could become a hydrogen hub and one of the top hydrogen suppliers in the globe. This is also a legacy project as it turned out to be even more beneficial for the environment than was originally pitched.

8. NAP Member Information Session

Alex von Knobloch presented about his work at Linamar, more specifically, a plant called PowerCor that manufactures a component called a front support which is used in F150s, large vehicles on the road, etc. Most front supports come in plastic volatile corrosion inhibitor (VCI), which prevents rust during shipping and storage. PowerCor processes generate 60 tonnes of plastic (polypropylene) VCI packaging waste annually.

Alex reached out to CIAC with this waste issue and asked for recommendations, which led to collaboration with the company Polykar. PowerCor and Polykar worked together to check feasibility of recycling the plastic VCI waste. Recycling feasibility failed due to contamination caused by labels and stickers on the VCI bags. PowerCor also faces obstacles in manpower of sorting VCI, baling and storage, storage of VCI bales/material waiting to be baled, and cost.

Overall, Alex explained that his company does not dictate transportation standards and there is a large gap in these processes from a recycling system perspective. The goal is to have circular economy, however there is still lots of work to be done to get there.

Comment: Shawna suggested that this would be a good case study for students.

Question: Would it be possible to print barcodes on plastics instead of using labels?

Answer: Alex explained that there are costs associated with that.

9. Next Meeting and Roundtable

CIAC staff shared their key takeaways from the meeting. The next meeting is planned for February 2022 (poll to be sent to panel members requesting availability). Following the February meeting, an in-person meeting is tentatively planned for May 2022.

10. In Camera Session and Closed Meeting