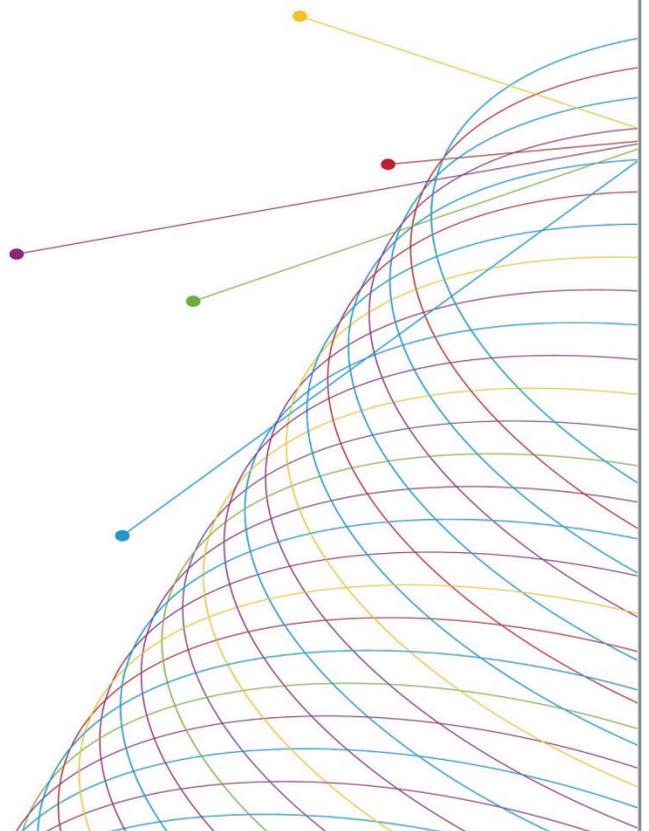


# THE LINE 3 REPLACEMENT PROGRAM -FINAL REPORT-

**PREPARED FOR: NATURAL RESOURCES CANADA  
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**OCTOBER 13, 2016**



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# EXECUTIVE SUMMARY

## Background

On November 5, 2014, Enbridge Pipelines Inc. submitted an application for the Line 3 Replacement Program. The proposed project would include:

- replacing the existing Line 3, 863.6 mm crude oil pipeline with a new, 914.4 mm crude oil pipeline;
- the addition of remotely operated sectionalizing valves;
- the replacement of some or all Line 3 pumps and associated infrastructure and equipment;
- the addition of tankage at the Hardisty Terminal; and
- the decommissioning of the existing Line 3 pipeline.

On April 25, 2016, the National Energy Board (NEB) issued a report recommending that Governor in Council (GIC) approve the Enbridge Line 3 Replacement Program, subject to 89 conditions.

In keeping with its commitment to restore confidence in Canada's regulatory processes, the Government is now reviewing the NEB Line 3 report, has engaged with Indigenous peoples along the pipeline route, and sought additional input from the general public to inform their decision. To fulfill this last principle, the Minister of Natural Resources launched a website for the public to comment and express their views on the overall project. This report summarizes the responses received through this consultation process with the general public.

## Methodology

### OVERVIEW AND SAMPLING

The research summarized in this report consisted of a national questionnaire about the Enbridge Line 3 Replacement Program. The questionnaire was made available in both official languages to the Canadian general public from May 25 to September 15, 2016.

Findings are not statistically projectable to a broader population and no estimates of sampling error can be calculated. The questionnaire included questions for classification, such as demographic questions with yes/no answers, and open-ended responses. Questionnaire participants were self-selected, inviting any Canadians interested to choose to take part on their own accord.

In total, 3,170 submissions were received as part of this public consultation questionnaire, 1,911 of whom completed it. The questionnaire took approximately 5 minutes to complete and was fielded by Natural Resources Canada using Fluid Surveys.

### DATA ANALYSIS

Upon completion of data collection, Natural Resources Canada provided Nielsen with final CSV files containing all responses. Nielsen cleaned and prepared the data files as necessary.

## Key Findings

The majority of the participants were part of the identified categories of general public, business and industry members and local non-Indigenous residents, with half of them living in areas where the Line 3 replacement project crosses their land, or they live near the proposed pipeline route.

The majority of the participants support the Line 3 replacement project or have no other specific issues related to potential impacts that were not contained in the NEB report. They feel the report was thorough and comprehensive and had nothing to add. Of those who had an issue, the most mentioned included potential soil and ground water contamination and the impact to farmers and nearby communities who depend on the underground water.

Support of the Line 3 replacement project is greater among participants familiar with the NEB report compared to those who are not familiar.

Participants with a positive view about the project also mentioned the economic benefits of the pipeline and the dangers of using an old pipeline. Those with negative views are against pipelines, and believe Canada needs to focus on green energy or are concerned about the abandonment of the existing pipeline.

It is worth mentioning that, although most comments regarding the Line 3 replacement pipeline were positive, the majority of negative comments came from participants living in areas crossed by the pipelines, which indicates a polarization among this group. Those who expressed concern over the project are part of local non-Indigenous populations, business or industry members, or the general public.

Additional comments related to potential impacts to residents or their communities were positive, and primarily addressed the creation of jobs and economic growth. All issues that were raised related to potential impacts to residents or their communities came from participants living nearby the pipeline.

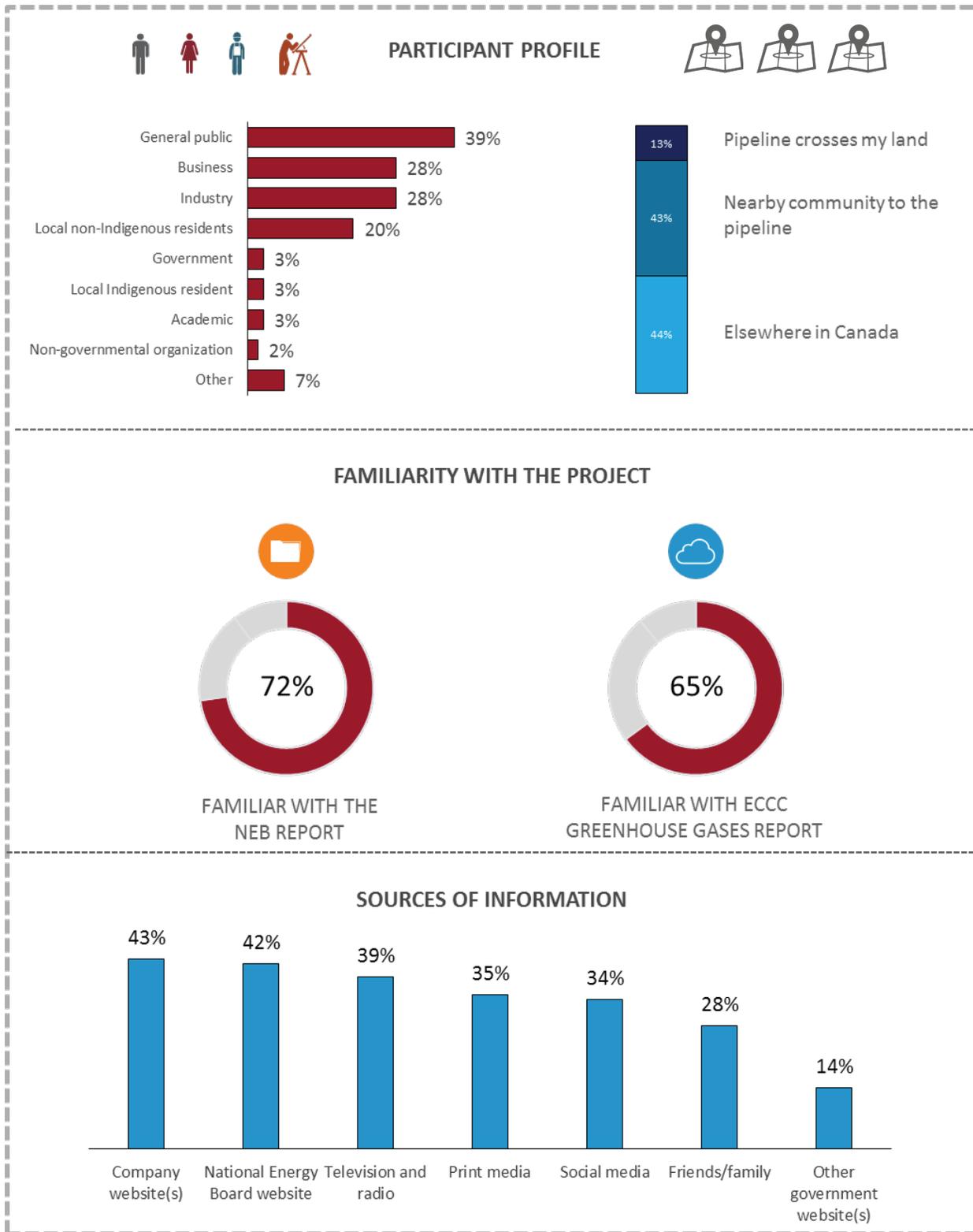
Familiarity with the NEB report is high (over seven in ten), with no differences noted among groups of interest. Familiarity with the Environment and Climate Change Canada's assessment is also high (over two thirds), although differences were found among different groups. Those living in areas crossed by the pipeline are less familiar with the assessment, compared to those living in nearby communities and elsewhere in Canada.

Participation in the public consultation was higher among participants directly affected by the project, namely those living in areas crossed by the pipeline, business and industries, and local non-Indigenous residents.

The main source of information cited by participants is the proponent's official website, closely followed by the NEB website, television and radio, print media and social media. Among participants with pipelines that cross their land, important additional sources of information include communications from Enbridge, CAEPLA or a land agent. Participants living in a nearby community to the pipeline and those living elsewhere in Canada have similar media consumption behaviours, with online sources and television and radio being the most important.

Local Indigenous residents also use other government websites as sources of information, while local non-Indigenous residents use print media. The general public and members of the academia cited television and radio as a source of information about the project.

# SNAPSHOT OF PARTICIPANTS



# GENERAL OVERVIEW

## Background

On November 5, 2014, Enbridge Pipelines Inc. submitted an application for the Line 3 Replacement Program. The proposed project would include:

- replacing the existing Line 3, 863.6 mm crude oil pipeline with a new, 914.4 mm crude oil pipeline;
- the addition of remotely operated sectionalizing valves;
- the replacement of some or all Line 3 pumps and associated infrastructure and equipment;
- the addition of tankage at the Hardisty Terminal; and
- the decommissioning of the existing Line 3 pipeline.

On April 25, 2016, the National Energy Board (NEB) issued a report recommending that Governor in Council (GIC) approve the Enbridge Line 3 Replacement Program, subject to 89 conditions.

In keeping with its commitment to restore confidence in Canada's regulatory processes, the Government is now reviewing the NEB Line 3 report, has engaged with Indigenous peoples along the pipeline route, and sought additional input from the general public to inform their decision. To fulfill this last principle, the Minister of Natural Resources launched a website for the public to comment and express their views on the overall project. This report summarizes the responses received through this consultation process with the general public.

## Methodology

### OVERVIEW

This research consisted of a national questionnaire for the Line 3 Pipeline Replacement Program Project, which was fielded from May 25 to September 15, 2016. The questionnaire was made available online to the Canadian general public during the aforementioned period. This report analyses the findings from the Line 3 Pipeline Replacement Program project (L3).

### SAMPLE DESIGN AND SELECTION

Findings are not statistically projectable to a broader population and no estimates of sampling error can be calculated. The sample of questionnaire responses included questions for classification, such as demographic questions with yes/no answers, and open-ended responses. Questionnaire participants were self-selected, inviting any Canadians with any interest to choose to take part on their own accord.

For the Line 3 Replacement Program project, 3,170 participants started the questionnaire, 1,911 of whom completed it.

In order to determine participants' location, respondents were asked to provide the first three digits of their postal code. Also, an additional question was asked to determine how close participants reside in relation to the pipeline. All this information was self-declared.

In addition to this information, the online platform provided a location identifier at a provincial level through the use of IP addresses. However, the IP address was not collected in order to respect the participant's privacy.

## QUESTIONNAIRE DESIGN

Natural Resources Canada designed and posted the questionnaire online.

## QUESTIONNAIRE ADMINISTRATION

Canadians were invited to complete the Line 3 Replacement Program questionnaire online from May 25 to September 15, 2016. Among those who completed the questionnaire, the average time to complete it was 16 minutes and 38 seconds; the median time was 3 minutes and 48 seconds.

Natural Resources Canada informed Canadians participating in the consultation of the purpose of the questionnaire and how their information would be used and protected under the *Privacy Act*.

## DATA ANALYSIS

Upon completion of data collection, Natural Resources Canada provided Nielsen with a final CSV file for the questionnaire. Nielsen cleaned and prepared the data file as necessary. Nielsen's data analysis procedures are outlined below:

**Data Validity and Integrity Checks:** Nielsen's custom system immediately identifies cases where the response length is unrealistically short, contradicts established facts or presents patterns of response deserving attention. As a result, Nielsen can determine whether a case should be excluded from the final qualitative analysis if necessary. All of these checks are performed manually and cleaned out of the data in the back end of the project. Nielsen uses a checklist to ensure all data that is delivered to the client has gone through a rigorous quality control process.

**Data Analysis:** Nielsen prepared an analysis plan that included key banner breaks, as required. Once the questionnaire data was collected and cleaned, Nielsen ran a series of data tables that provided results for all questions in the questionnaire, both overall and broken down by selected "banners." This permitted the comparison of qualitative results from various sub-group segments of interest based on demographic questions.

# DETAILED FINDINGS

## Profile of Participants

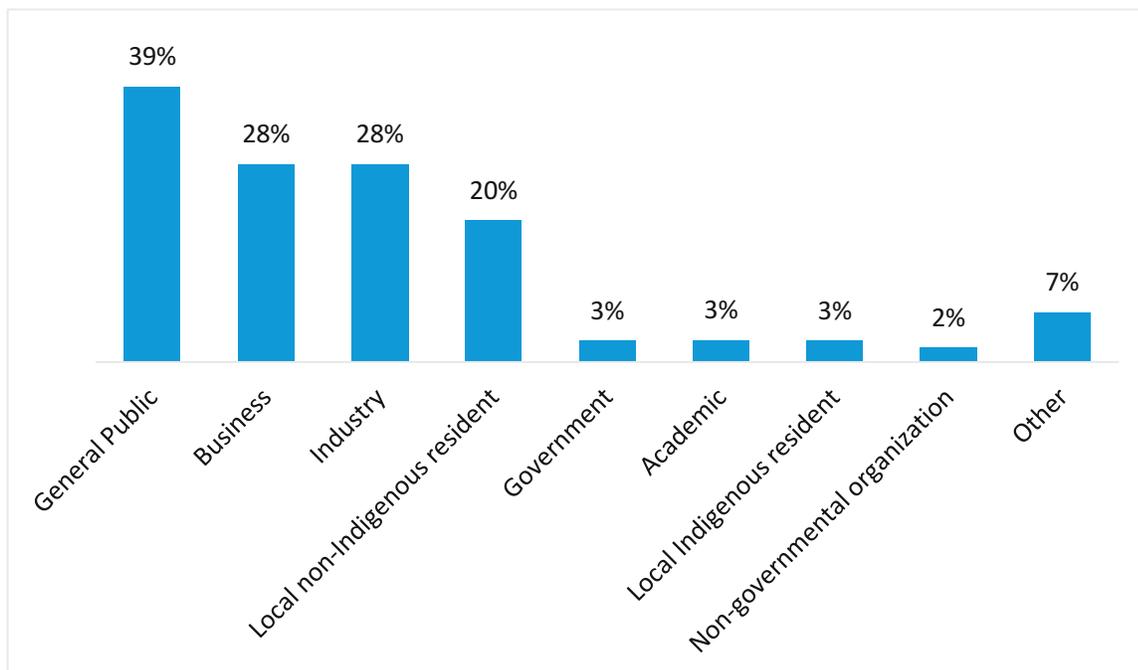
This section reports the profile composition of participants.

### PARTICIPANT CATEGORY

Participants were asked to identify themselves with the category best describing them, namely: local Indigenous resident; local non-Indigenous resident; business person; non-governmental organization; industry member; government member; general public; academic and other. Participants were allowed to choose multiple categories or none of them.

The largest group of participants is the general public (46%), followed by business persons (33%), industry members (30%) and local non-Indigenous residents (22%). Less than 10% of participants identified themselves as other types of participants (8%), government (4%), local Indigenous resident (3%), non-governmental organization (3%) or an academic (3%).

The chart below shows the distribution of the participants according to the category best describing them.



Q10. Which category describes you and why you are interested in the proposed Line 3 Oil Pipeline Replacement Program project?

Base: All Responses (n=1,937).

## PARTICIPANT RESIDENCY RELATIVE TO THE PIPELINE

Participants were asked to indicate where they live relative to the pipeline. Approximately one half of the participants live in areas directly affected by the pipeline, including 13% living on land crossed by the pipeline and 43% in nearby communities. The remaining 44% of the participants live elsewhere in Canada.

Q2. Please identify where you live in relation to the proposed project?

Base: All Responses (n=2,526).

## REGION OF PARTICIPANT

Primarily, participants derive from Alberta, with others located in Saskatchewan, Manitoba, Ontario, British Columbia, Quebec, the Atlantic Provinces and the Yukon<sup>1</sup>.



In addition, participants provided their feedback from the United States of America, as well as Africa, South America, Asia and Europe.

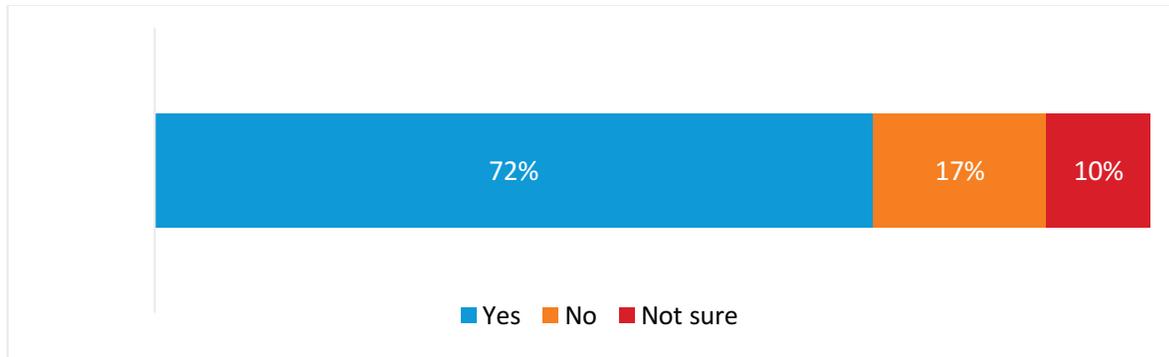
<sup>1</sup> The participants' location presented in this graph is based on IP addresses. In the case where an IP address was not available, the postal code provided was used. If neither were available, the location was not included in this description.

## Familiarity with the National Energy Board Report

This section summarizes the levels of familiarity and engagement with the project.

### FAMILIARITY WITH THE REPORT BY THE NATIONAL ENERGY BOARD

The majority of participants (72%) are familiar with the report by the National Energy Board related to the pipeline. Approximately one third of participants are not familiar with the report (17%) or are unsure (10%).

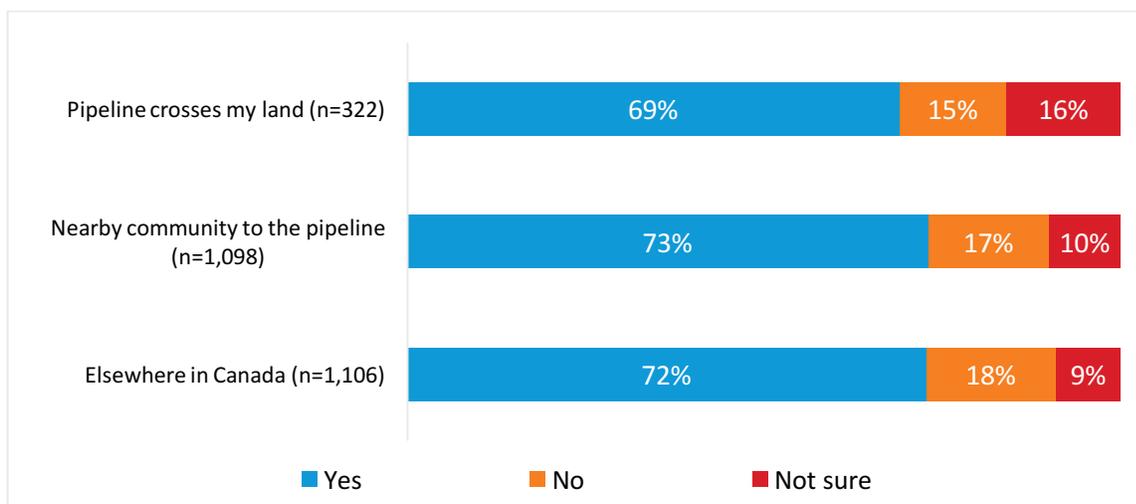


Q3. Are you familiar with the report by the National Energy Board related to this project?

Base: All Responses (n=2,498).

### FAMILIARITY BY RESIDENCY RELATIVE TO THE PIPELINE

Participants are familiar with the report by the National Energy Board regardless of the proximity of their residence to the pipeline. While 69% of participants who live in an area where the pipeline crosses their land are familiar, participants living in nearby communities or elsewhere in Canada have a slightly higher familiarity (73% and 72% respectively).

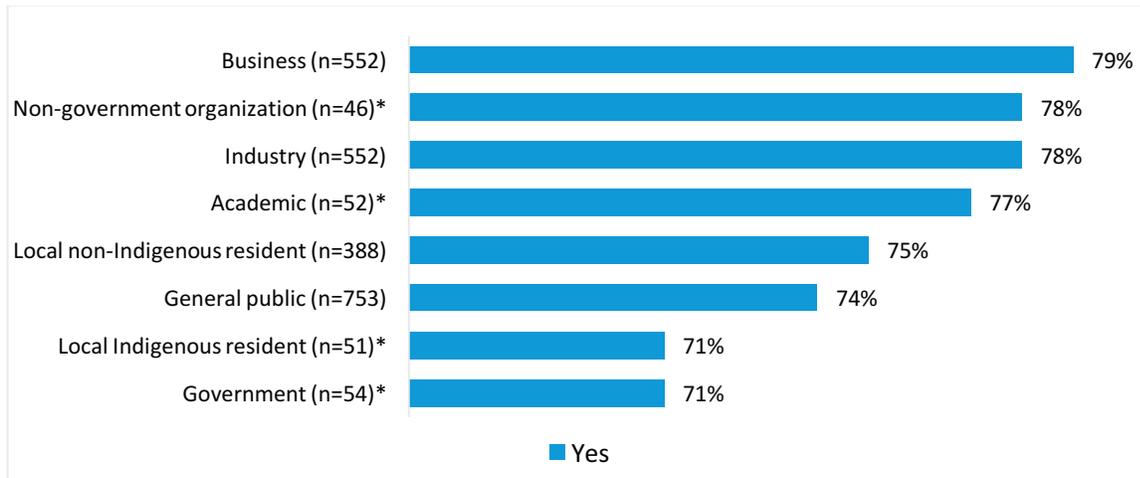


Q3. Are you familiar with the report by the National Energy Board related to this project? Base: All Responses (n=2,498).

Q2. Please identify where you live in relation to the proposed project? Base sizes vary.

## FAMILIARITY BY CATEGORY

Most categories of participants had high familiarity with the National Energy Report. Familiarity was highest among business persons (79%), non-government organizations and industry members (78% each), closely followed by academics (77%), local non-Indigenous residents (75%), the general public (74%), local Indigenous residents and government (71% each).



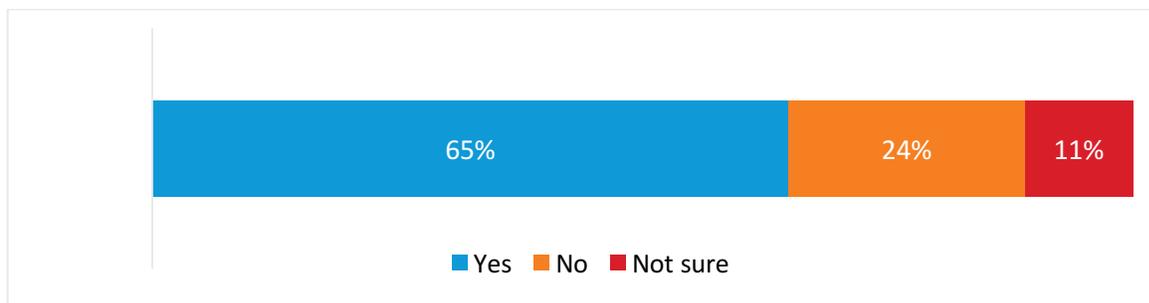
\*Caution, small base size

Q3. Are you familiar with the report by the National Energy Board related to this project? Base: All Responses (n=2,498).

Q10. Which category describes you and why are you interested in the Line 3 Replacement Program? Base sizes vary.

## FAMILIARITY WITH ENVIRONMENT AND CLIMATE CHANGE CANADA'S ASSESSMENT

Two thirds (65%) of participants are familiar with Environment and Climate Change Canada's assessment of upstream greenhouse gases related to the pipeline project, while one quarter are not familiar (24%) and 11% are unsure. Familiarity with this report is slightly lower compared to familiarity with the report by the National Energy board.

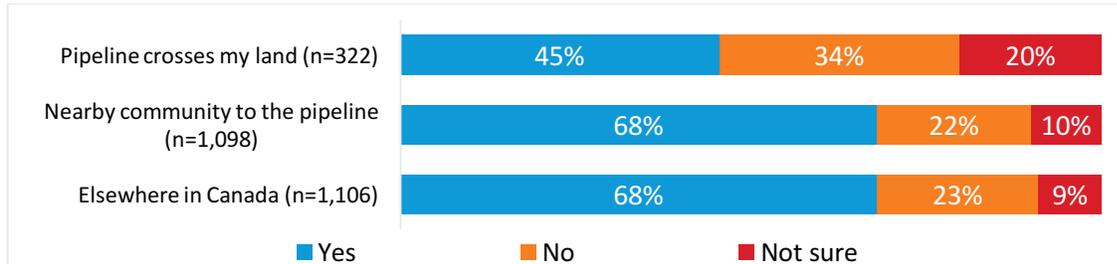


Q4. Are you familiar with Environment and Climate Change Canada's assessment of upstream greenhouse gases related to this project?

Base All Responses (n=2,501).

## FAMILIARITY WITH ENVIRONMENT AND CLIMATE CHANGE CANADA'S ASSESSMENT BY RESIDENCY RELATIVE TO THE PIPELINE

Participants who live in nearby communities to the pipeline and elsewhere in Canada have a higher level of familiarity with the Environment and Climate Change Canada's assessment of upstream greenhouse gases (68% each) compared to participants who live in areas where the pipeline crosses their land (45%).

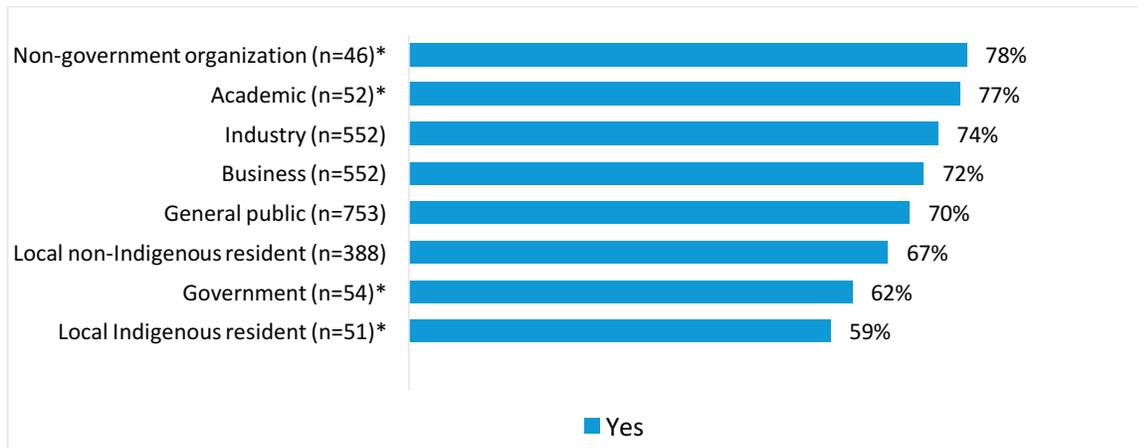


Q4. Are you familiar with Environment and Climate Change Canada's assessment of upstream greenhouse gases related to this project? Base: All Responses (n=2,046).

Q2. Please identify where you live in relation to the proposed project? Base sizes vary.

## FAMILIARITY WITH ENVIRONMENT AND CLIMATE CHANGE CANADA'S ASSESSMENT BY PARTICIPANT CATEGORY

Participants are familiar with the Environment and Climate Change Canada's assessment of upstream greenhouse gases with small differences between categories. Non-government organizations (78%), academics (77%), industry members (74%), business persons (72%) and the general public (70%) are the most familiar, while local non-Indigenous (67%), government (62%) and local Indigenous residents (59%) have lower familiarity.



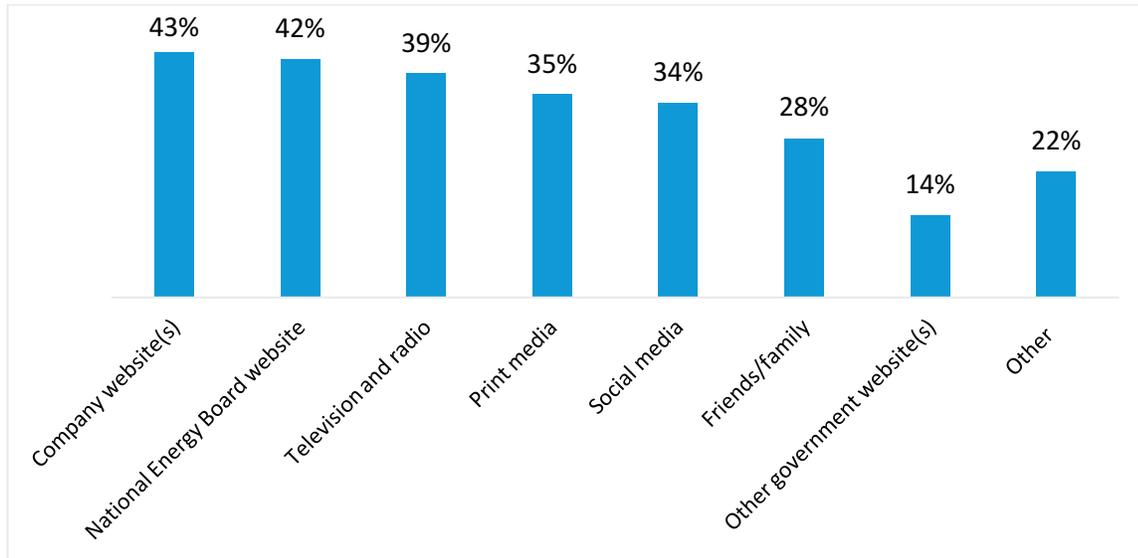
\*Caution, small base size

Q4. Are you familiar with Environment and Climate Change Canada's assessment of upstream greenhouse gases related to this project? Base: All Responses (n=2,501).

Q10. Which category describes you and why are you interested in the Line 3 Replacement Program? Base sizes vary.

## SOURCES OF INFORMATION

Participants were asked for their primary source of information about the project. Multiple selections were permitted. Company website(s) was identified as the primary source of information about the project (43%), followed by the National Energy Board website (42%), television and radio (39%), print media (35%), social media (34%), friends and family (28%), other sources (22%) and other government website(s) (14%).



Q9. What is your primary source of information about the project?

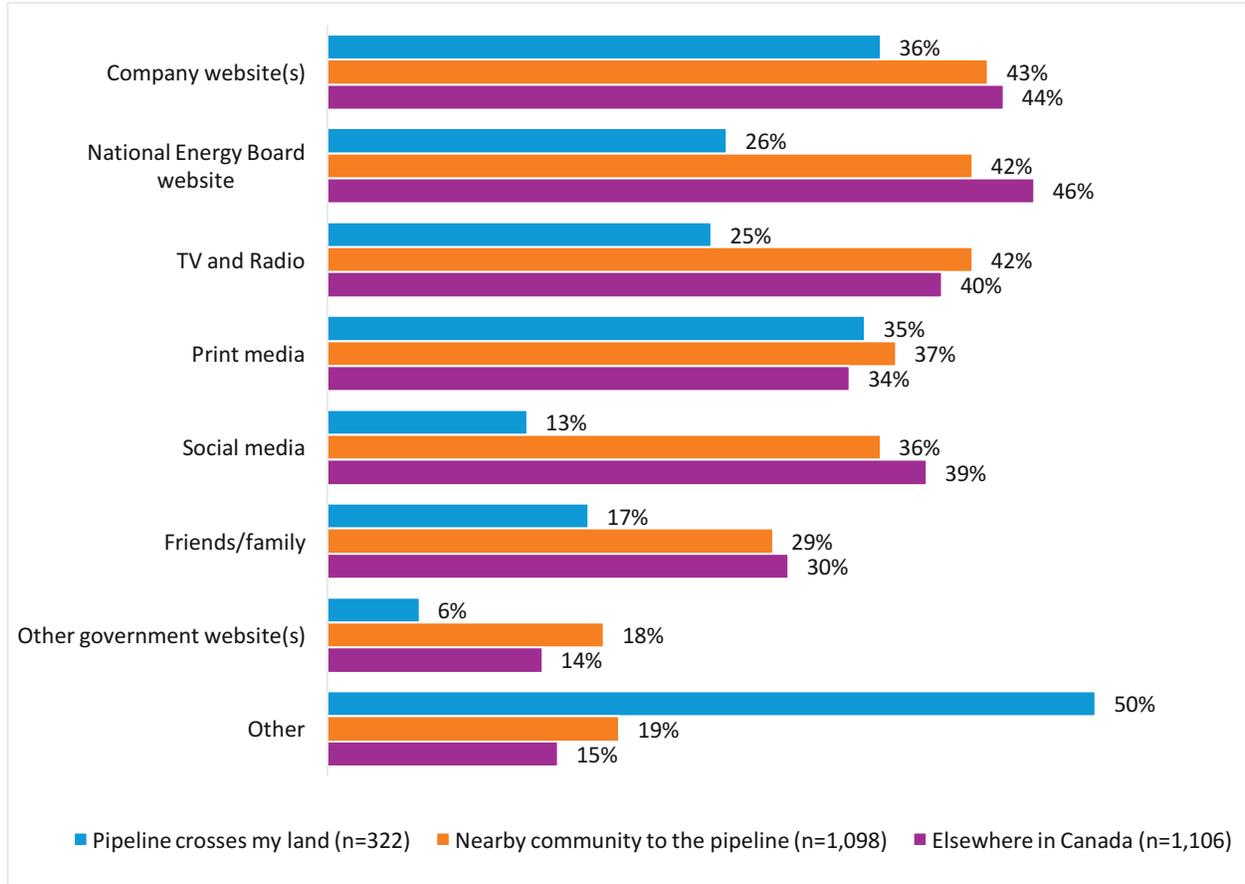
Base: All Responses (n=2,036).

## SOURCES OF INFORMATION BY RESIDENCY RELATIVE TO THE PIPELINE

Among participants living in areas crossed by the pipeline, a broad range of sources were mentioned. Participants with pipelines which cross their land indicated their primary source of information came from company website(s) (36%), print media (35%), the National Energy Board website (26%) and TV and radio (25%), while less indicated sources included friends/family (17%), social media (13%) and other government website(s) (6%). The majority of sources indicated as *other* among participants living in areas crossed by the pipeline (50%) included communications from Enbridge, CAEPLA or a land agent.

Participants who live in a nearby community to the pipeline indicated similar primary sources of information, most commonly digital, which included company website(s) (43%), the National Energy Board website as well as TV and radio (42% each), social media (36%), followed by friends/family (29%) and other government website(s) (18%).

Similarly, participants who reside elsewhere in Canada indicated their primary sources were comprised of mainly online sources, which included the National Energy Board website (46%), company website(s) (44%), TV and radio (40%) and social media (39%), followed by print media (34%), friends/family (30%) and other government website(s) (14%).



Q9. What is your primary source of information about the project? Base: All Responses (n=2,036).

Q2. Please identify where you live in relation to the proposed project? Base sizes vary.

## SOURCES OF INFORMATION BY CATEGORY

A wide variety of sources were cited as sources of information regarding the Line 3 Replacement Program by category. The majority of categories ranked the National Energy Board website and company website(s) as the top two sources of information on this project, including local Indigenous residents (53% and 48%), business persons (45% and 54%), non-government organizations (54% and 49%), industry members (51% and 53%) and government (48% and 59%). Academics and the general public indicated their top two sources as the National Energy Board website (61% and 46%) as well as TV and Radio (49% and 45%). Local non-Indigenous residents instead look to TV and radio (44%), company website(s) (43%) and print media (43%). While interpretation must factor into the small base size, sources identified as *other* mentioned by non-government organizations (46%) included the Chambers of Commerce, business association/organization and industry.

	Local Indigenous resident (n=40)*	Local non Indigenous resident (n=304)	Business (n=462)	Non government organization (n=39)*	Industry (n=410)	Government (n=46)*	General public (n=628)	Academic (n=41)*
National Energy Board website	53%	41%	45%	54%	51%	48%	46%	61%
Other government website(s)	35%	18%	15%	21%	17%	24%	15%	29%
Company website(s)	48%	43%	54%	49%	53%	59%	41%	44%
Print media	18%	43%	42%	31%	37%	28%	38%	46%
TV and Radio	30%	44%	44%	38%	44%	17%	45%	49%
Social media	28%	31%	33%	33%	36%	9%	42%	37%
Friends/family	30%	28%	31%	21%	33%	13%	31%	34%
Other	28%	27%	20%	46%	20%	43%	14%	15%

\*Caution, small base size

Q9. What is your primary source of information about the project? Base: All Responses (n=2,036).

Q10. Which category describes you and why are you interested in the Line 3 Replacement Program? Base sizes vary.

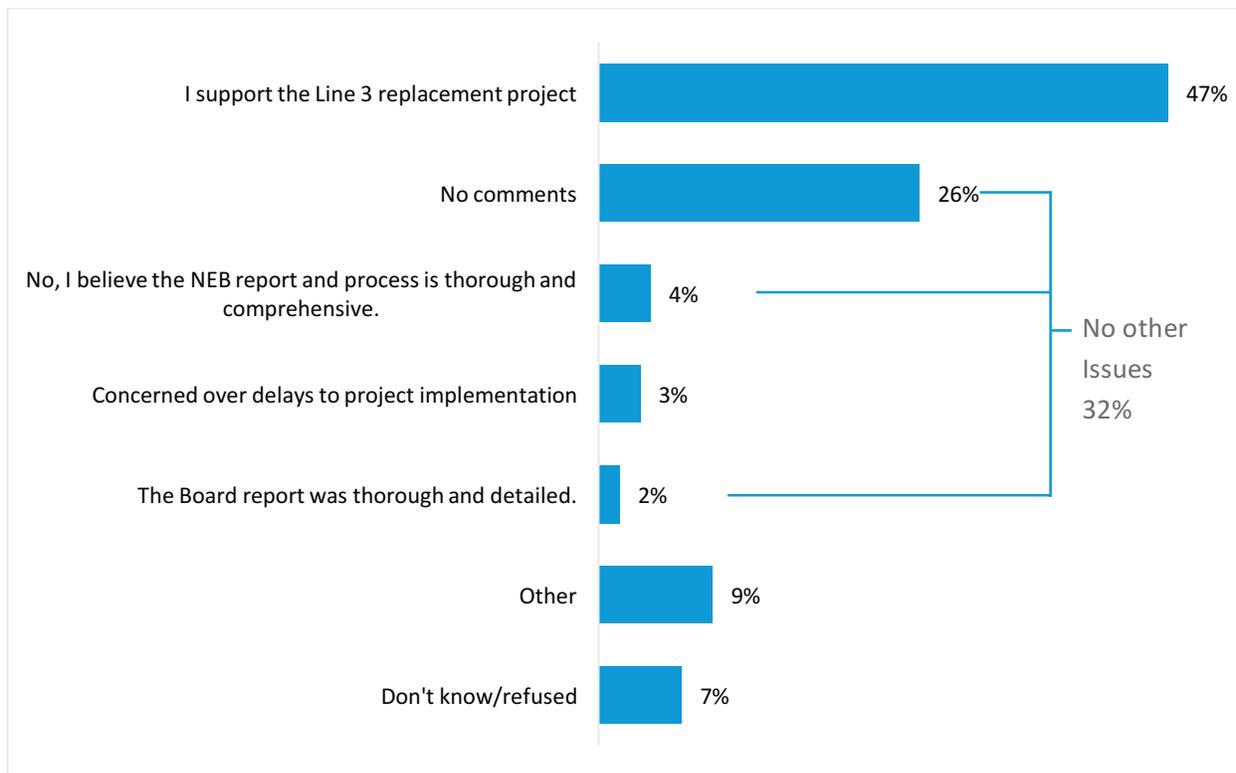
## Views about the National Energy Board Report

This section reports the common themes regarding the views about the National Energy Board report.

### ISSUES RELATED TO POTENTIAL IMPACTS NOT CONTAINED IN THE NATIONAL ENERGY BOARD REPORT

When asked if there were other specific issues related to potential impacts that were not contained in the NEB report, one third of the participants could not think of any issues, with a small proportion saying the report was thorough and comprehensive. Nearly half of those responding expressed support to the Line 3 replacement project without being prompted and a few were concerned over delays to project implementation.

Participants who felt that specific issues were missing from the report mentioned potential soil contamination and other issues faced by landowners; the effect on the wildlife; the impact of leaving the existing line in the ground to the water, farming land and the cost of removing them to landowners; the reduction on the amount of top soil; and the possibility of accidents happening while working in areas with above ground structures. Although most of these were mentioned by one or two participants, most of the concerns were expressed by landowners living near the pipeline.



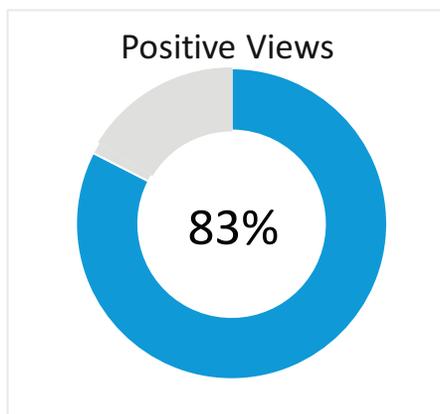
Q6. Are there other specific issues related to potential impacts that you feel were not contained in the NEB report?  
Base: Those who responded the question (n=117).

## ISSUES RELATED TO POTENTIAL IMPACTS NOT CONTAINED IN THE NATIONAL ENERGY BOARD REPORT BY KEY POPULATIONS

Of those living in nearby communities to the pipelines or elsewhere in Canada, the majority felt the report was thorough and comprehensive or had nothing to add. All participants who expressed concern over delays to the project implementation were part of these two groups. The majority of participants living in areas crossed by the pipeline stated they support the Line 3 replacement project. This was also the main group expressing concern, suggesting there is a clear division among those most affected by the pipeline.

The majority of local non-Indigenous residents, business persons, industry members, members of non-governmental organizations and the general public support the Line 3 replacement project, or, had nothing to add to the report. Those who expressed concern over the project are part of local non-Indigenous populations, business persons, industry members or the general public. One local Indigenous resident also expressed concern over the project.

## VIEWS ABOUT THE PROJECT THAT ARE NOT ADDRESSED IN THE NATIONAL ENERGY BOARD REPORT OR IN THE UPSTREAM GREENHOUSE GAS ASSESSMENT



Q7. Please elaborate on any views you may have about the project that are not addressed in the National Energy Board report or in the upstream greenhouse gas assessment. Base: All Responses (n=960).

Participants were asked about any views they may have about the project that were not addressed in the NEB report or in the upstream greenhouse gas assessment. Responses varied, but the overwhelming majority of participants have positive views regarding the Line 3 replacement project.

Four in ten participants (43%) either support or have no concerns with the project. Other participants believe it will boost the economy and create jobs (14%), that newer pipelines are safer and will minimize the risk of oil leaks (12%), and that pipelines are the safest, least disruptive, and most environmentally friendly mode of transporting oil (8%).

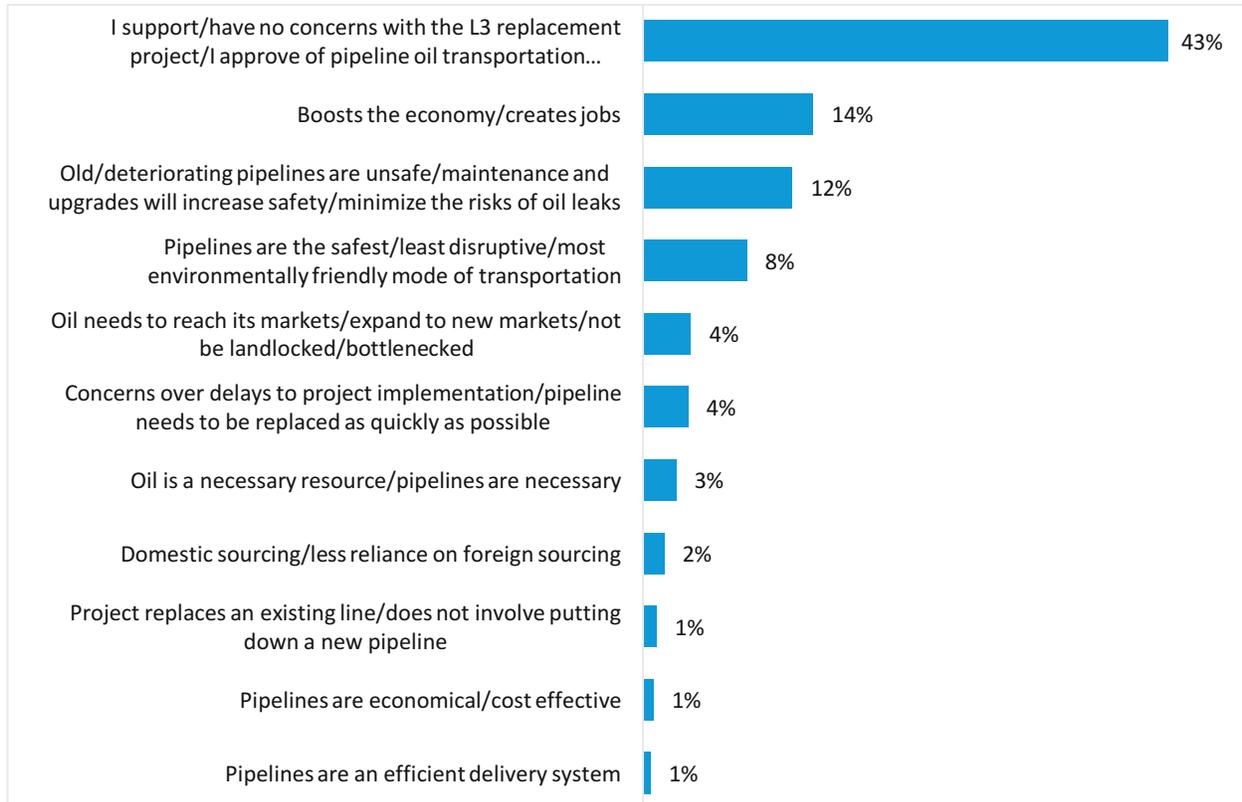
Other positive views included the need to expand to new markets (4%), the pipelines being necessary, cost effective and efficient (5%), decreasing the reliance on foreign oil (2%), and that the project is only replacing an existing pipeline and not

creating a new one (1%).

Some participants expressed negative views about the project that were not addressed in the reports; mentions included concerns over delays to project implementation, being against pipelines, the need to focus on renewable, green energy, and the lack of discussion on downstream greenhouse gas.

Also mentioned by a few participants was the abandonment of the previous pipelines and potential consequences to the ground, cropping area, and water, including the long term liability to landowners.

Other mentions included the need for regular inspections, replacement of pipe and valves, and the inclusion of safety features such as leak detection and isolation valves; the protection of underground water; restoration of the land and protection of landowners; and the impact on greenhouse gas emissions.



Q7. Please elaborate on any views you may have about the project that are not addressed in the National Energy Board report or in the upstream greenhouse gas assessment. Base: All Responses (n=960).

### IEWS ABOUT THE PROJECT THAT ARE NOT ADDRESSED IN THE NATIONAL ENERGY BOARD REPORT OR IN THE UPSTREAM GREENHOUSE GAS ASSESSMENT BY RESIDENCY RELATIVE TO THE PIPELINE

Among participants living in areas crossed by the pipeline, views are polarized. Half (54%) either support or have no concerns about the project, or have nothing to add to the report. Among this 54%, roughly one-third (30%) of them believe old pipelines are unsafe and increase the risk of leaks. And therefore believe that new pipelines are the safest, most environmentally friendly way to transport oil. Despite the majority of this group having positive views about the new pipeline, a number of participants have strong negative views in regards to the possibility that the existing pipeline will be left in the ground and the lack of participation during the decommissioning settlement hearings.

For those living in communities near the pipeline, the majority also supports the Line 3 project. They believe that the new pipeline boosts the economy and creates jobs. For those living elsewhere in Canada, half (52%) support the pipeline or have no concerns with the project. Among these supporters, one-fifth (19%) also believes that the pipeline will boost the economy and create jobs (19%).

	Pipeline crosses my land (n=110)	Nearby community to the pipeline (n=317)	Elsewhere in Canada (n=389)
I support/have no concerns with the L3 replacement project/I approve of pipeline oil transportation (unspecified)	34%	41%	52%
Nothing/no views/report is comprehensive	20%	11%	4%
Old/deteriorating pipelines are unsafe/maintenance and upgrades will increase safety/minimize the oil leaks	18%	13%	11%
Pipelines are the safest/least disruptive/most environmentally friendly mode of transportation/compared to road	12%	10%	7%
Boosts the economy/creates jobs	1%	14%	19%
Other	4%	6%	5%
Don't know/refused	8%	1%	4%

Q7. Please elaborate on any views you may have about the project that are not addressed in the National Energy Board report or in the upstream greenhouse gas assessment. Base: All Responses (n=960).

Q2. Please identify where you live in relation to the proposed project? Base sizes vary.

### **VIEWS ABOUT THE PROJECT THAT ARE NOT ADDRESSED IN THE NATIONAL ENERGY BOARD REPORT OR IN THE UPSTREAM GREENHOUSE GAS ASSESSMENT BY PARTICIPANT CATEGORY**

Between one third and half of all participant demographic groups either support the pipeline or have no concerns about the Line 3 replacement project and the majority of participants have positive views about it. A few have concerns about the pipeline, particularly among local Indigenous residents, non-governmental organizations, government members and academics. Some local Indigenous residents feel that oil is a necessary resource and that the pipeline should be replaced as soon as possible (12% each). Boosting the economy and creating jobs is a larger concern among business persons, industry members as well as academics and the general public. Local, non-Indigenous residents and the government members believe pipelines are the safest and least disruptive mode of transportation.

### **VIEWS ABOUT THE PROJECT THAT ARE NOT ADDRESSED IN THE NATIONAL ENERGY BOARD REPORT OR IN THE UPSTREAM GREENHOUSE GAS ASSESSMENT BY FAMILIARITY WITH THE NEB REPORT AND THE ENVIRONMENT AND CLIMATE CHANGE CANADA'S ASSESSMENT**

Support for the Line 3 replacement project is higher among participants familiar with the NEB report compared to those who are not familiar or are not sure. Apart from that, views are generally fairly similar among participants, regardless of familiarity with the report. The same trends are seen when comparing views about the project against familiarity with ECCC's assessment.

	Yes (n=678)	No (n=185)	Not sure (n=97)
I support/have no concerns with the L3 replacement project/I approve of pipeline oil transportation (unspecified)	40%	28%	27%
Old/deteriorating pipelines are unsafe/maintenance and upgrades will increase safety/minimize the risks of oil leaks	11%	8%	11%
Pipelines are the safest/least disruptive/most environmentally friendly mode of transportation/compared to road	7%	10%	5%
Boosts the economy/creates jobs	11%	15%	18%
Other	5%	6%	1%
Nothing/no views/report is comprehensive	8%	9%	4%

Q7. Please elaborate on any views you may have about the project that are not addressed in the National Energy Board report or in the upstream greenhouse gas assessment. Base: All Responses (n=960).

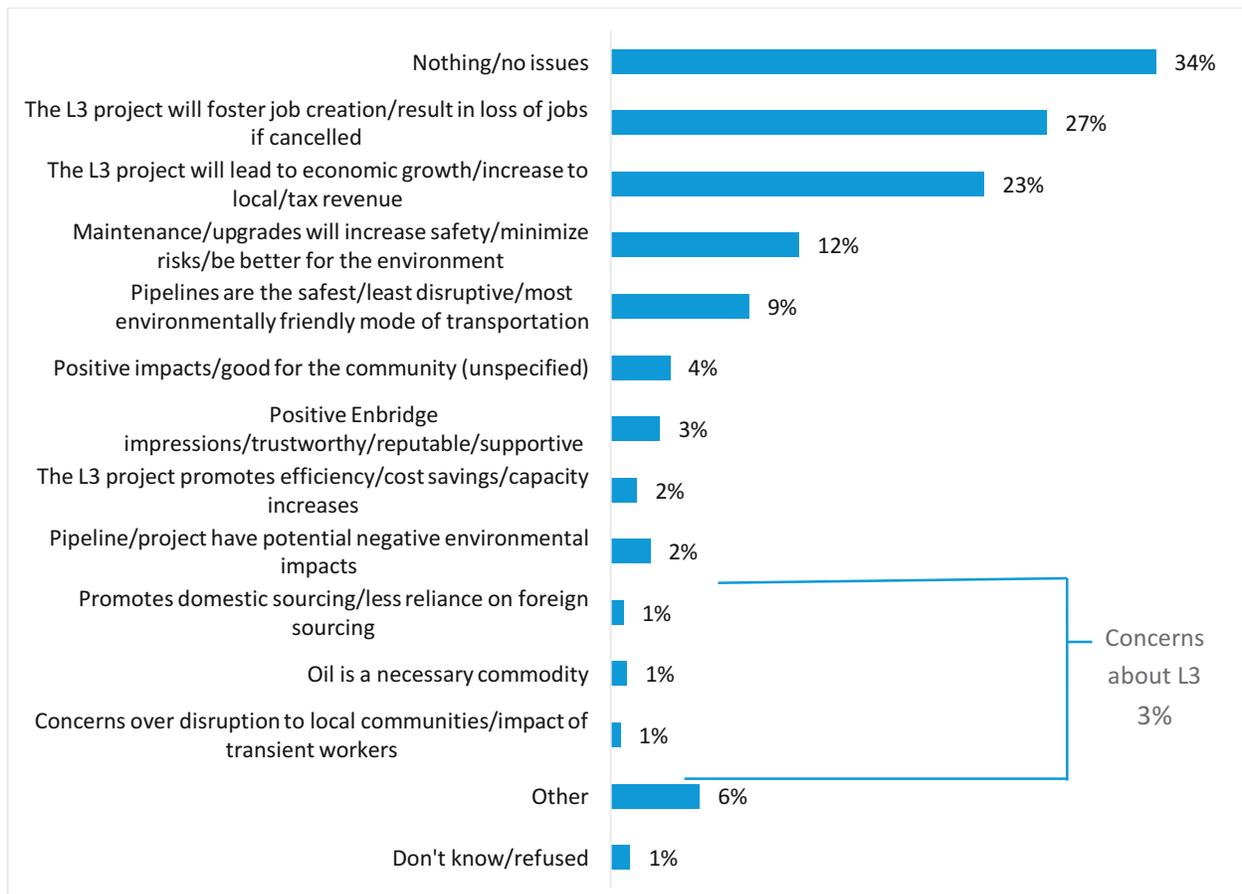
Q3. Are you familiar with the report by the National Energy Board related to this project?  
Base: All Responses (n=960).

## ISSUES RELATING TO POTENTIAL IMPACTS TO RESIDENTS OR THEIR COMMUNITIES

Finally, participants were asked if they had any issues relating to potential impacts to themselves or their community. The majority of participants had a positive mindset about the Line 3 project. Among the most common positive views is the belief that the project will create jobs and lead to economic growth, and that the project will increase safety and/or minimize risks to the environment.

Among concerns, the most common issues raised are regarding the potential for negative environmental impacts and concerns surrounding local disruption of communities and transient workers.

Some more specific issues raised by a few participants are: concerns surrounding Canadian environmental standards and regulations; climate change strategies; the pipeline location proximity to the Great Lakes and pollution concerns; concerns regarding Industry standing; responsibility over project costs; evaluating the needs of Canadians equally; the lack of local tradesperson contribution; responsibility of pipeline maintenance and repair; consistently informing the public on industry work; land owner concerns surrounding participation levels in NEB hearings; national unification; the pipeline resulting in Canada's economic long term growth as an energy leader; and the potential to build refineries.



Q8. Are there specific issues relating to potential impacts to you or your community?

Base: All Responses (n=611)

## **ISSUES RELATING TO POTENTIAL IMPACTS TO RESIDENTS OR THEIR COMMUNITIES BY RESIDENCY RELATIVE TO THE PIPELINE**

Issues concerning potential impacts to residents or their communities were only vocalized by participants who live on land crossed by the pipeline, and participants who live in nearby communities. Among these participants, some recognize that the Line 3 pipeline project will lead to economic growth and that upgrades will increase safety and foster job creation. However, a few indicated a strong concern on negative environmental impacts. Few also advocated for impacts of a pipeline on farmland and communities, the concerns over old pipe maintenance and potential contamination, concerns over abandonment of the existing pipeline, the efficiency of pipelines, installation, risk liability of pipelines, long-term effects of pipeline deterioration on land and the effects of pipeline construction on prime farm land.

Participants living in nearby communities had very similar opinions as those who live on land crossed by the pipeline.

## **ISSUES RELATING TO POTENTIAL IMPACTS TO RESIDENTS OR THEIR COMMUNITIES BY CATEGORY**

The majority of participants, regardless of category, presented a positive outlook regarding issues relating to potential impacts to residents or their communities. The top two mentions for almost all categories included the Line 3 project fostering job creation and increasing economic growth. No issues or concerns related to potential impacts were given by half of non-government organizations, nearly one third of the general public, one quarter of business persons, industry members and local non-Indigenous residents and academics, and less than one quarter of government and local Indigenous residents.

