FOSSIL FUEL WORKERS CARE
ABOUT CLIMATE AND
SUPPORT A TRANSITION TO
NET ZERO BY 2050

A MAJORITY OF FOSSIL FUEL INDUSTRY WORKERS ARE INTERESTED IN WORKING IN THE CLEAN ECONOMY TRAINING KEY TO ENSURING WORKERS ARE NOT LEFT BEHIND

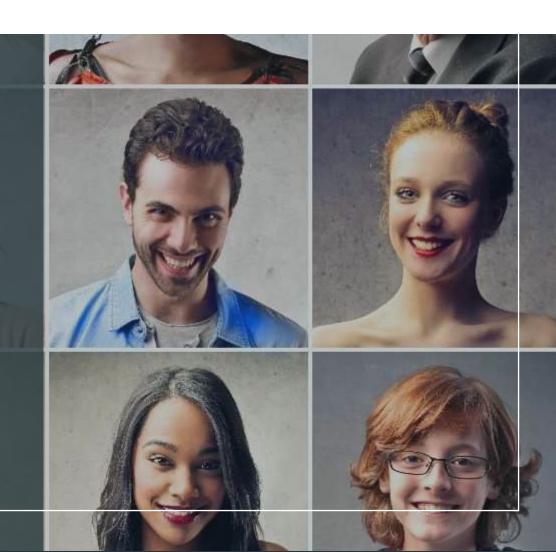


DETAILED RESULTS

CLIMATE EMERGENCY POLLING & TRANSITION TO RENEWABLE SOURCES WITH OIL & GAS SECTOR WORKERS

MAY 2021 CONDUCTED FOR IRON + EARTH

RESEARCH AND ANALYSIS FROM CANADA'S LEADING PUBLIC AFFAIRS AND MARKET RESEARCH EXPERTS



METHODOLOGY

This online survey was conducted with 300 Canadian residents working in the oil, gas, or coal sectors from May 24 to June 11, 2021. A random sample of panelists were invited to complete the survey from a set of partner panels. These partners are typically double opt-in survey panels, blended to manage out potential skews in the data from a single source.

The margin of error for a comparable probability-based random sample of the same size is +/- 5.66%, 19 times out of 20. Totals may not add up to 100 due to rounding.

The survey was commissioned by Iron & Earth.

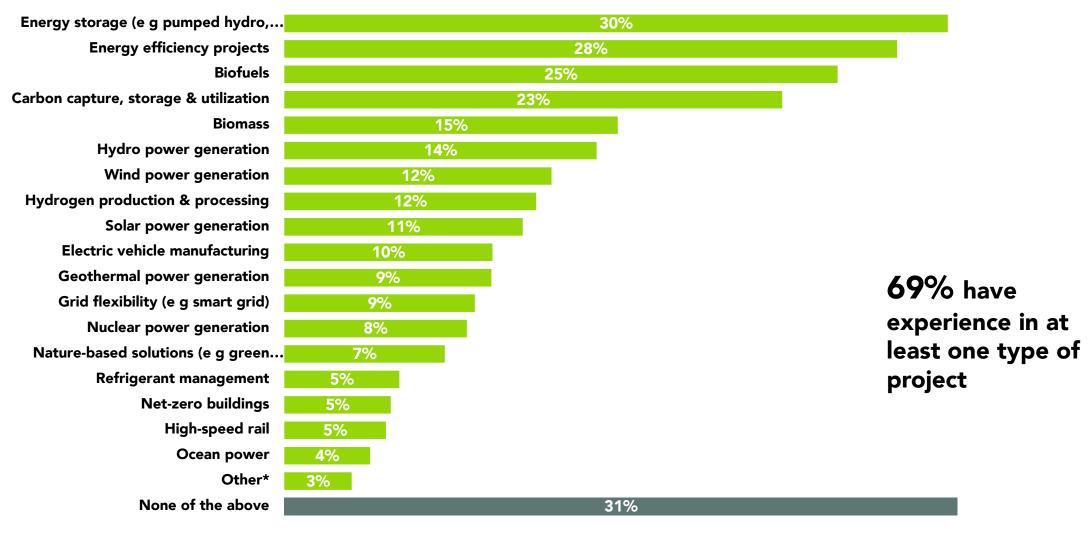
METHODOLOGY

Key Demographic Groups		Sample Size	% of Sample	Margin of Error
Gender	Male	218	73%	6.6%
	Female	80	27%	10.9%
Age	18-29	35	12%	16.5%
	30-44	162	54%	7.7%
	45-59	68	23%	11.8%
	60+	33	11%	17.0%
Type of work	Trades and industrial work	165	55%	7.6%
	Office/Remove/Desk Job	160	53%	7.7%
	STEM	122	41%	8.9%
	On-site supervision	87	29%	10.5%

METHODOLOGY

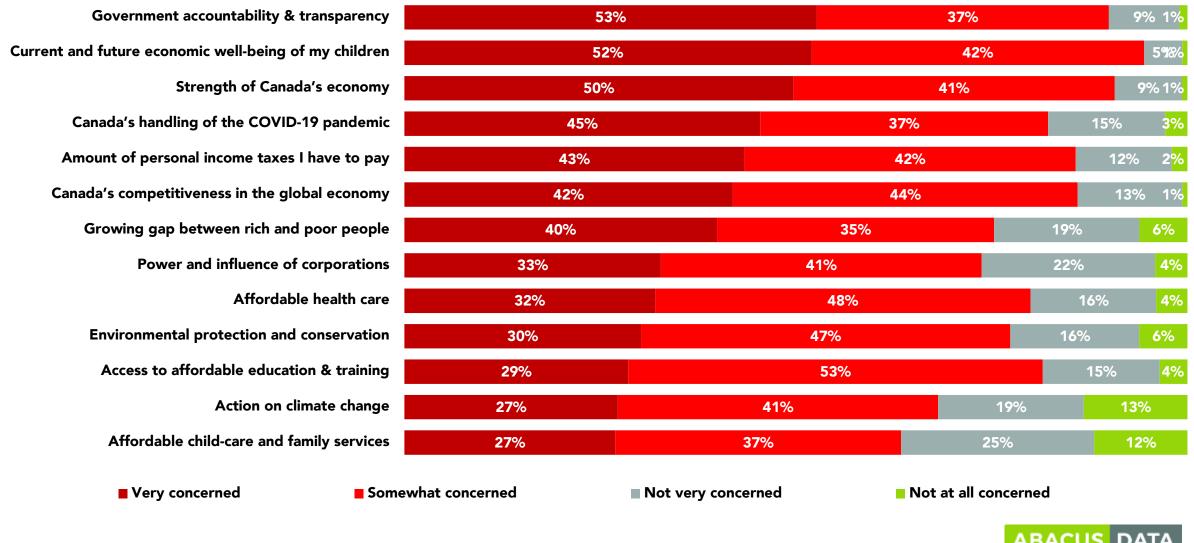
Key Demographic Groups		Sample Size	% of Sample	Margin of Error
	AB	137	46%	8.4%
Province	ON	83	28%	10.8%
	Others	78	27%	11.1%
Indigenous Person	991 4	56	19%	13.1%
Visible Minority		110	37%	9.3%

EXPERIENCE IN DIFFERENT PROJECT TYPES





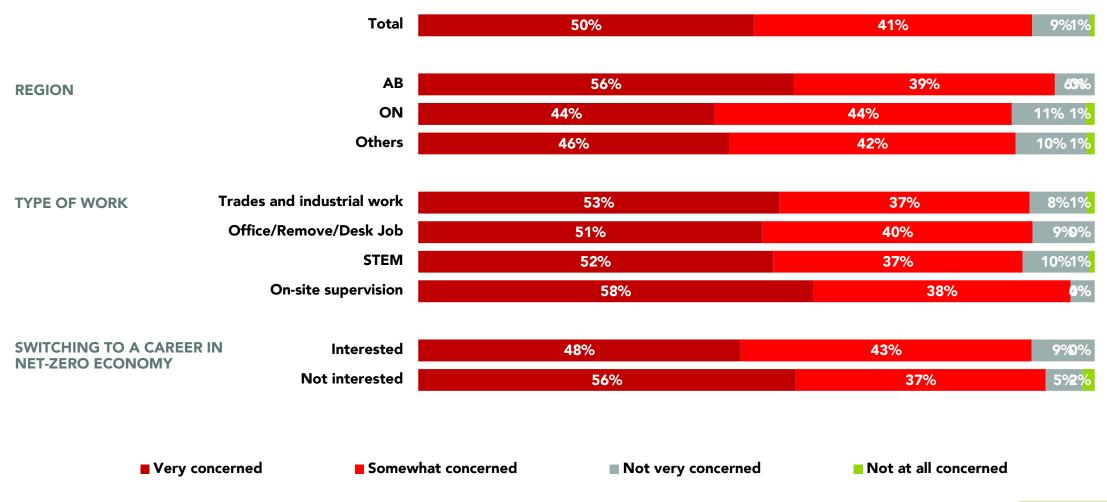
CONCERN FOR NATIONAL ISSUES





CONCERN FOR NATIONAL ISSUES

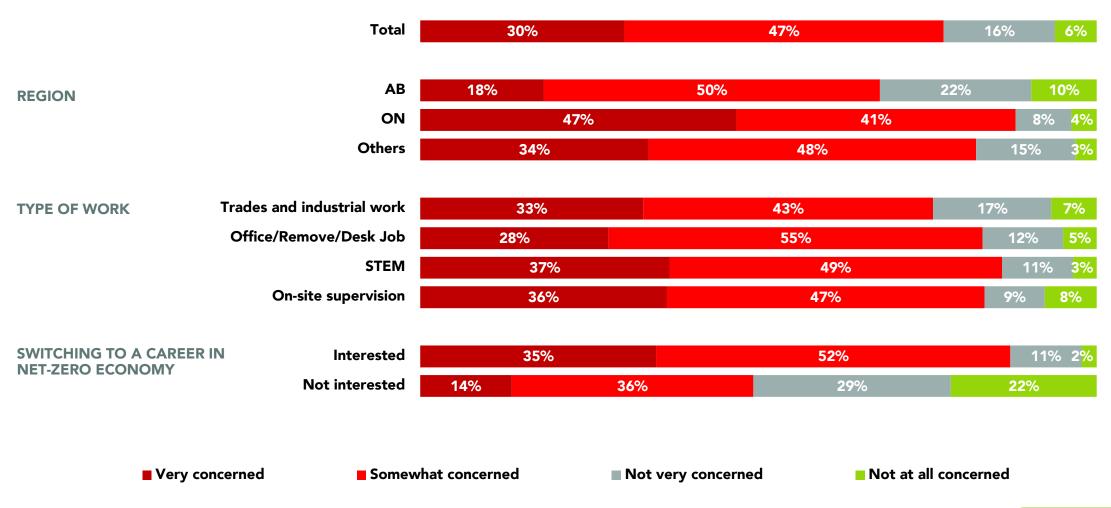
STRENGTH OF CANADA'S ECONOMY





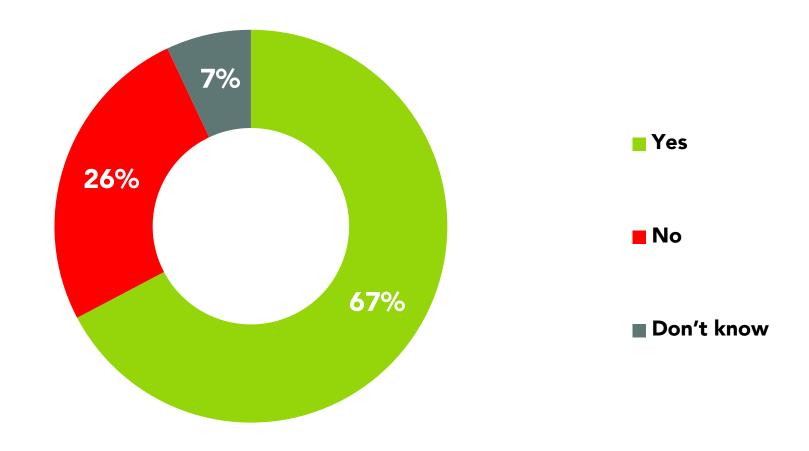
CONCERN FOR NATIONAL ISSUES

ENVIRONMENTAL PROTECTION AND CONSERVATION



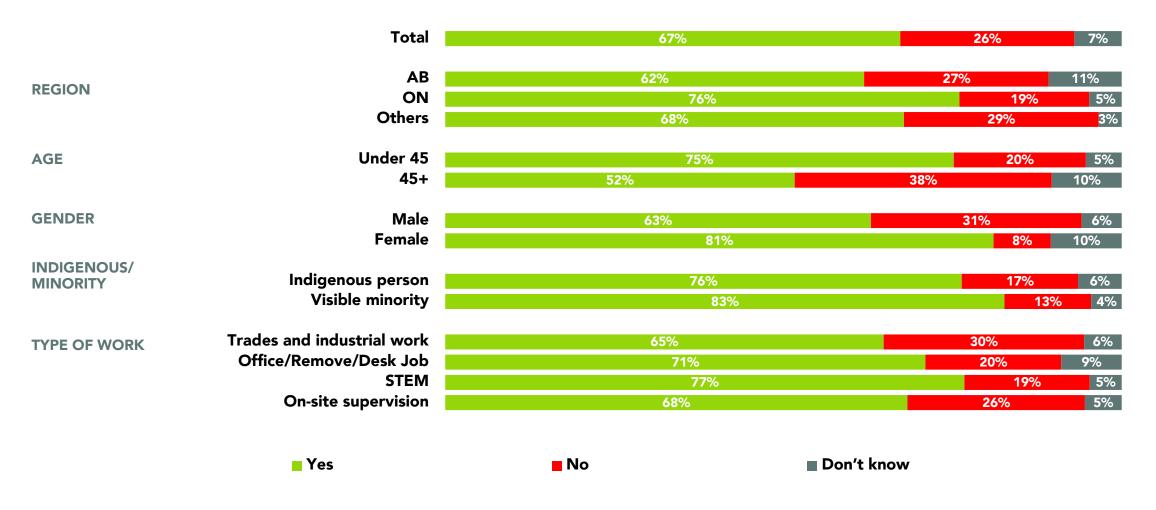


NEED TO ADDRESS CLIMATE CHANGE



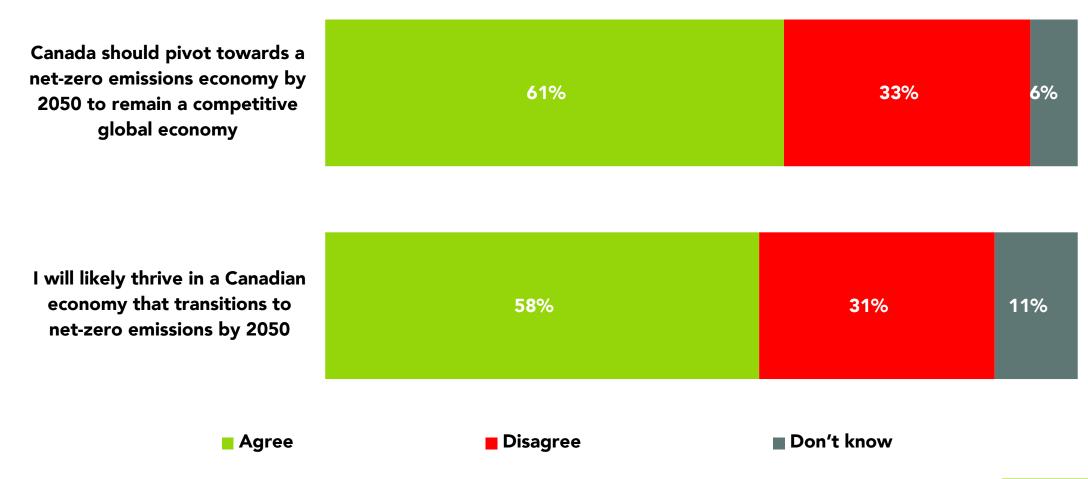


NEED TO ADDRESS CLIMATE CHANGE





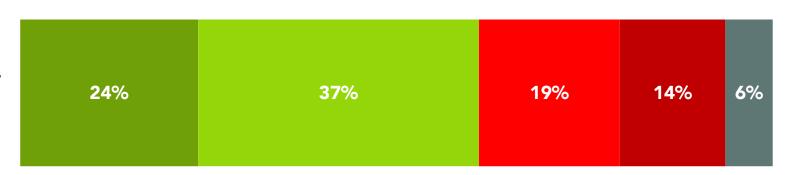
61% OF WORKERS BELIEVE THAT CANADA SHOULD PIVOT TOWARDS A NET-ZERO ECONOMY AND 58% BELIEVE THEY WILL THRIVE IN A NET-ZERO ECONOMY





61% OF WORKERS BELIEVE THAT CANADA SHOULD PIVOT TOWARDS A NET-ZERO ECONOMY AND 58% BELIEVE THEY WILL THRIVE IN A NET-ZERO ECONOMY

Canada should pivot towards a net-zero emissions economy by 2050 to remain a competitive global economy



I will likely thrive in a Canadian economy that transitions to net-zero emissions by 2050



Strongly agree

Agree

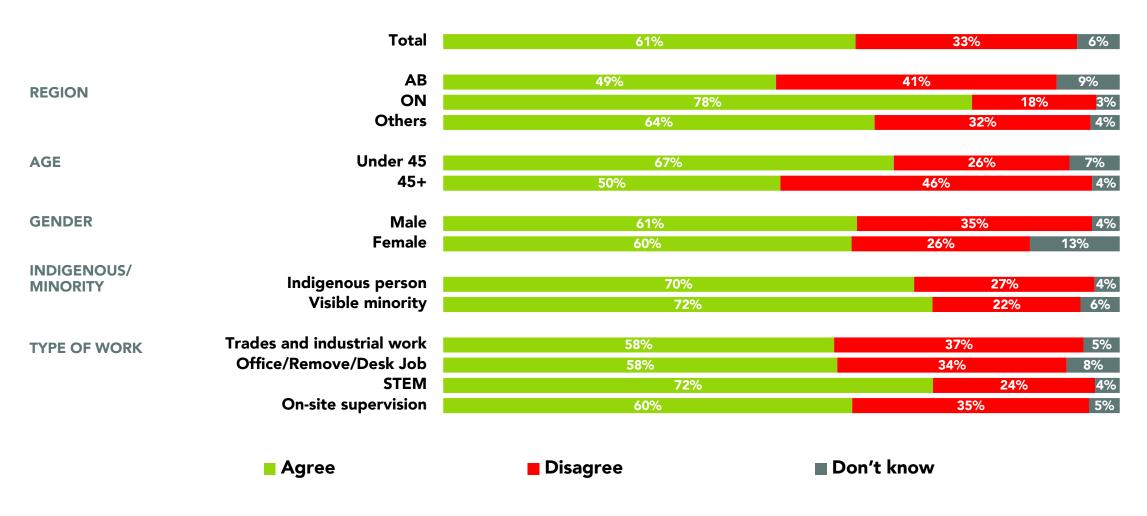
Disagree

■ Strongly disagree

■ Don't know

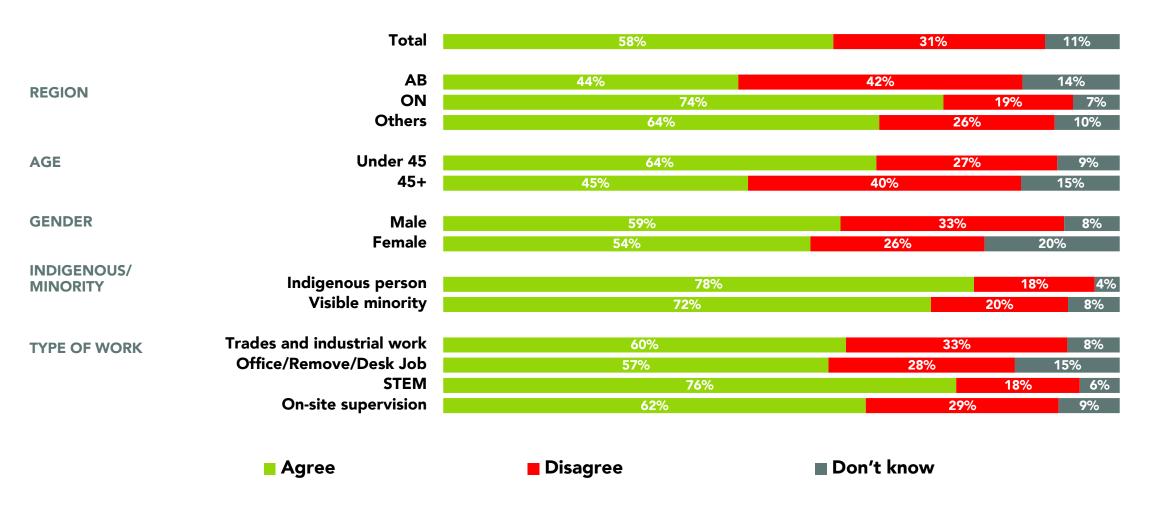


61% OF WORKERS BELIEVE THAT CANADA SHOULD PIVOT TOWARDS A NET-ZERO ECONOMY



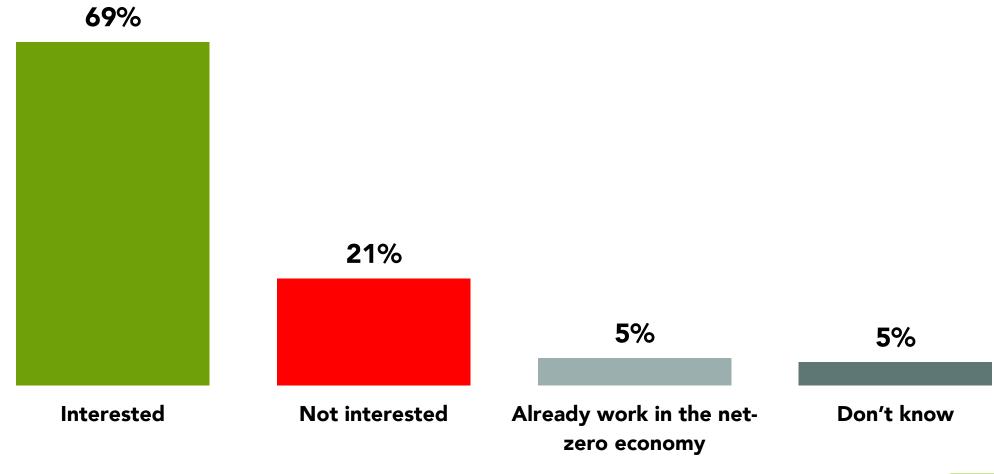


58% OF WORKERS BELIEVE THAT THEY WILL THRIVE IF CANADA TRANSITIONS TO A NET-ZERO ECONOMY



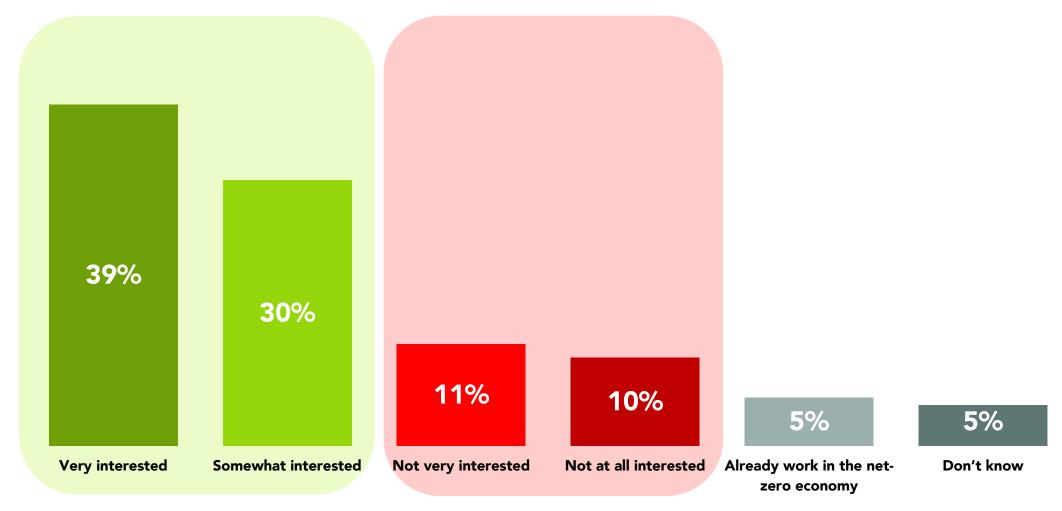


69% OF WORKERS ARE INTERESTED IN SWITCHING TO THE CLEAN ECONOMY



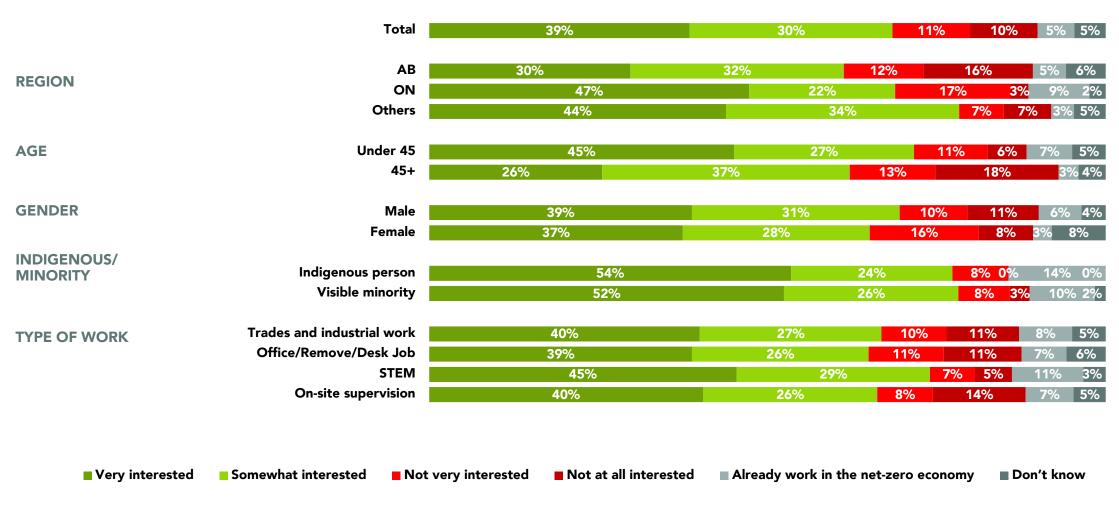


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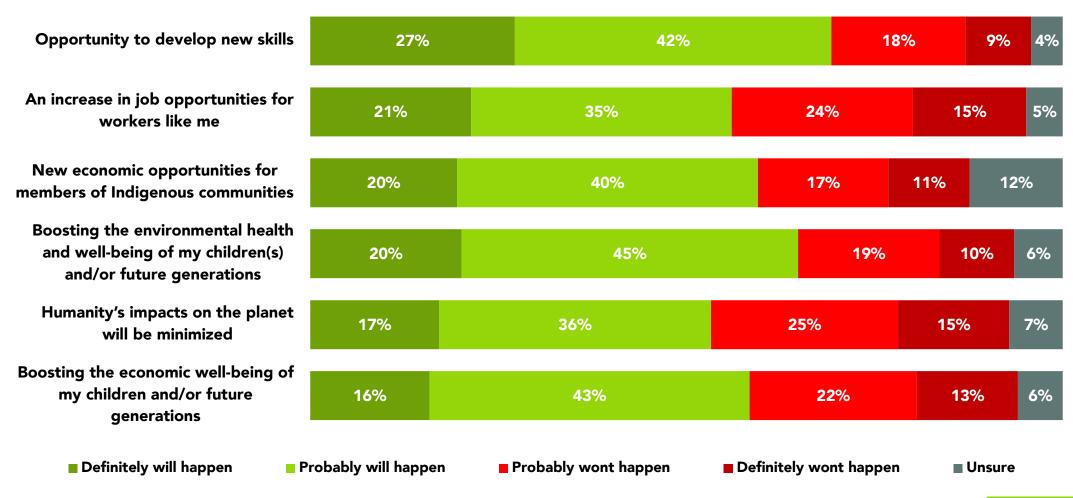


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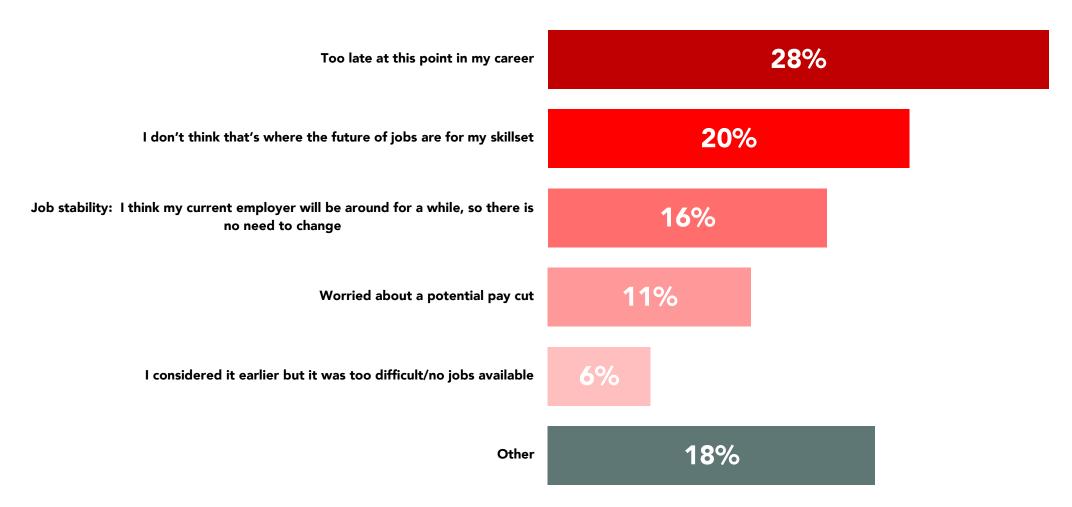


WORKERS SEE OPPORTUNITIES IN THE NET-ZERO ECONOMY





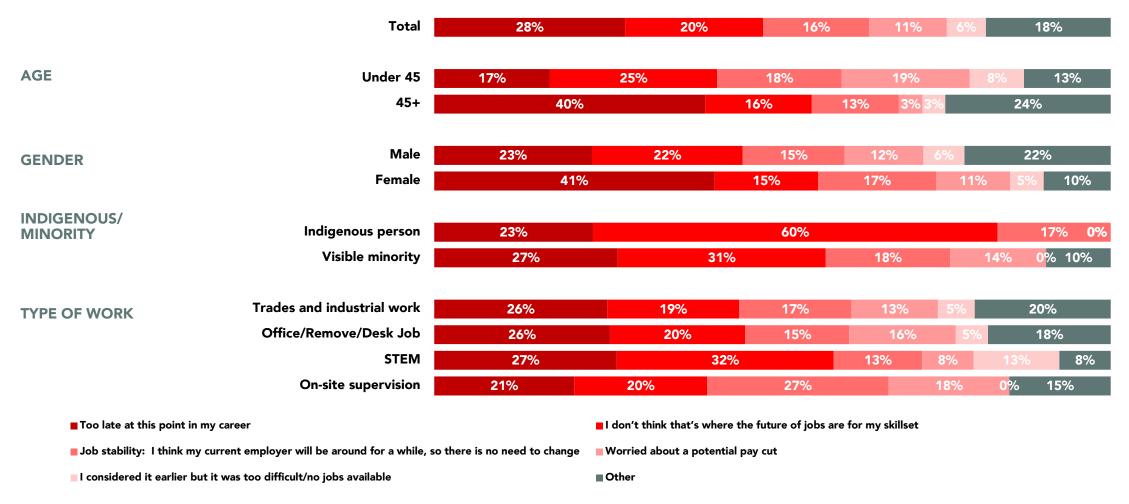
REASONS FOR NOT SWITCHING TO NEW-ZERO ECONOMY

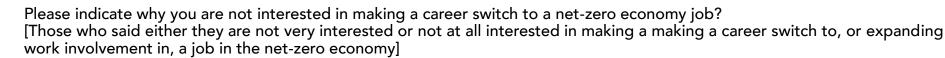




Please indicate why you are not interested in making a career switch to a net-zero economy job? [Those who said either they are not very interested or not at all interested in making a making a career switch to, or expanding work involvement in, a job in the net-zero economy]

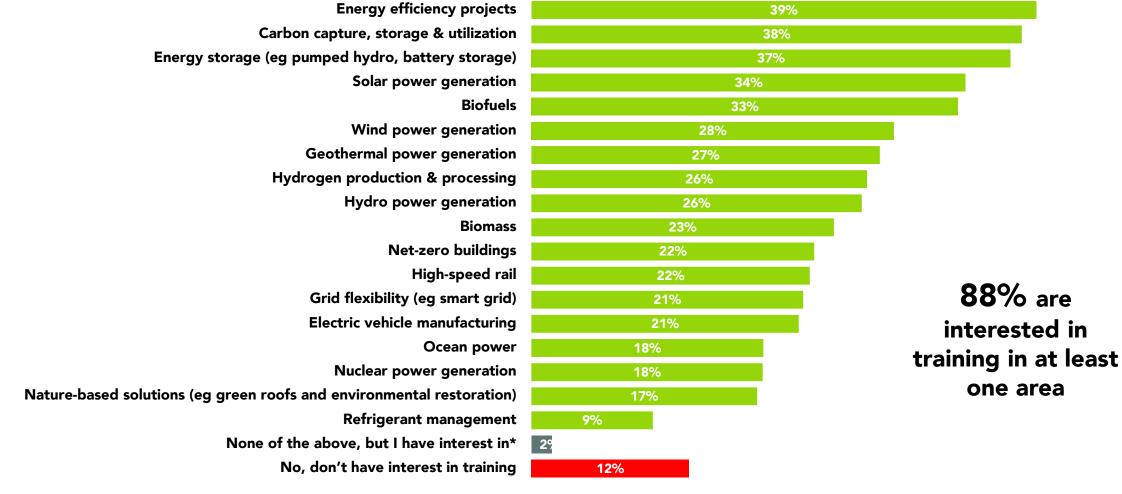
REASONS FOR NOT SWITCHING TO NEW-ZERO ECONOMY





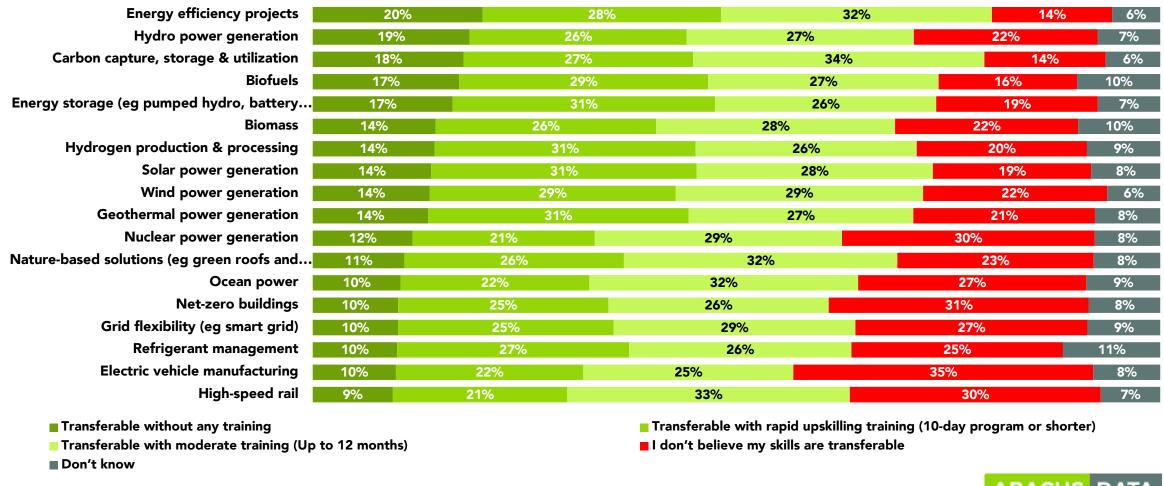


INTEREST IN SKILLS TRAINING AND DEVELOPMENT IN FOLLOWING AREAS





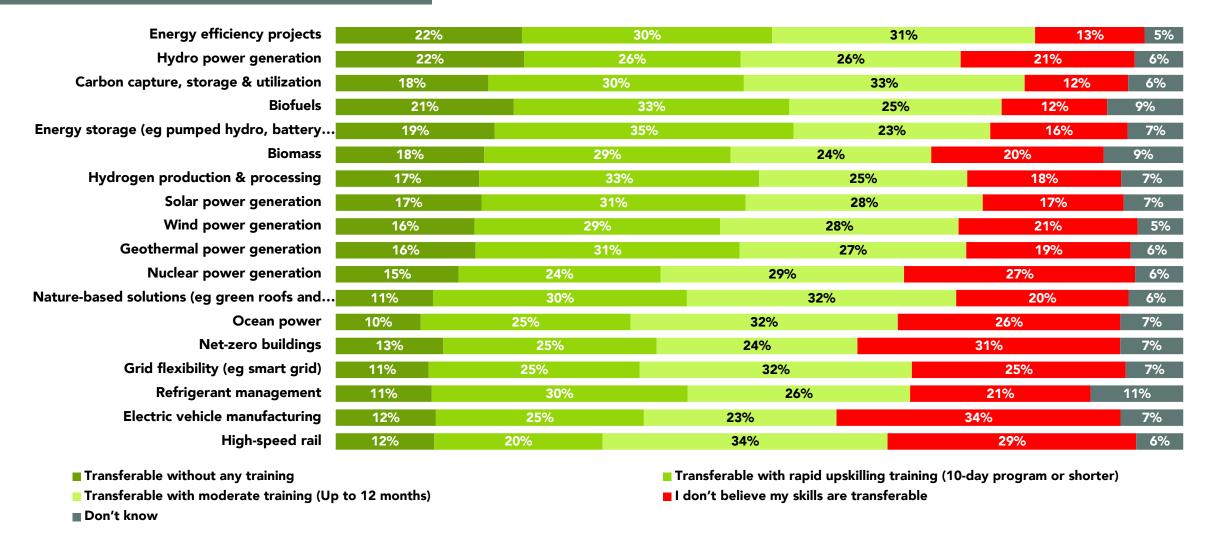
90% of workers believe their skills transfer to at least one of the projects with moderate training or less. 79% of workers believe their skills transfer to at least one of the projects with rapid training or less



Based on what you know about the following technologies, how well might your current skills transfer to the development, construction, operations or maintenance of the following types of projects?

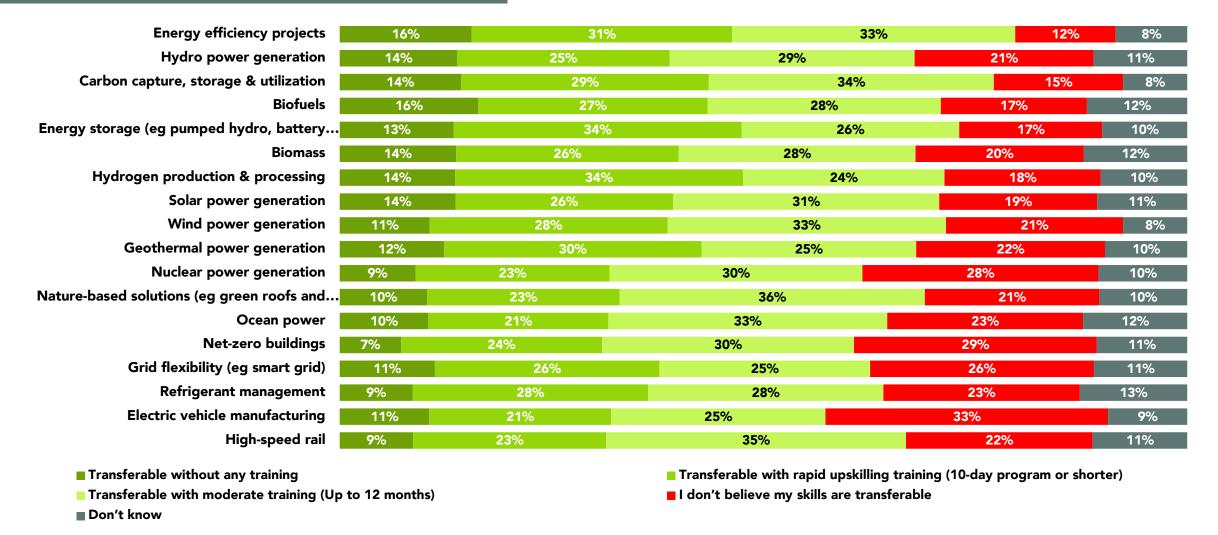


TRADES AND INDUSTRIAL JOB WORKERS



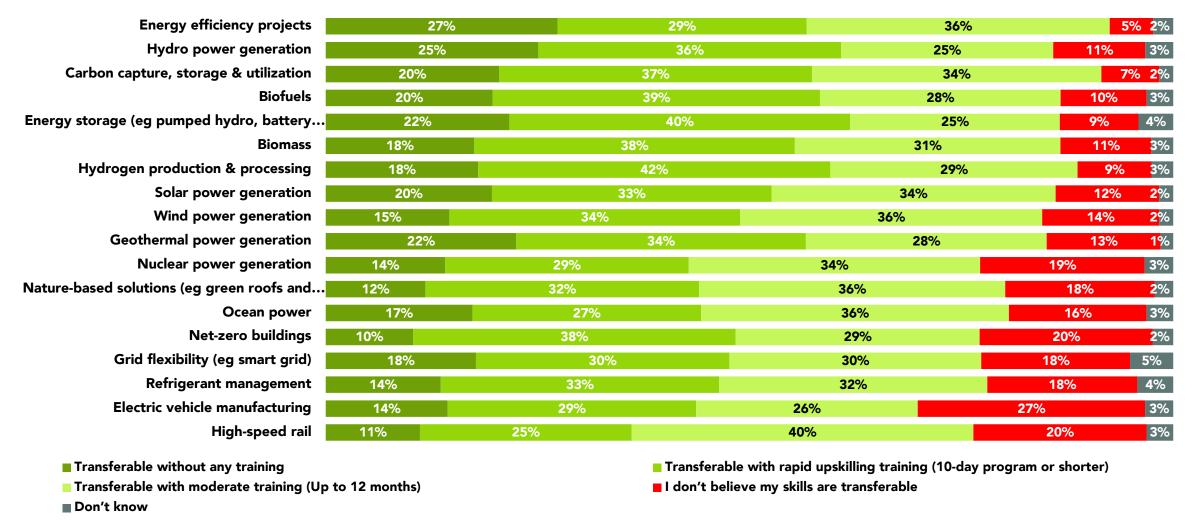


OFFICE/REMOTE/ AND/OR DESK JOB WORKERS



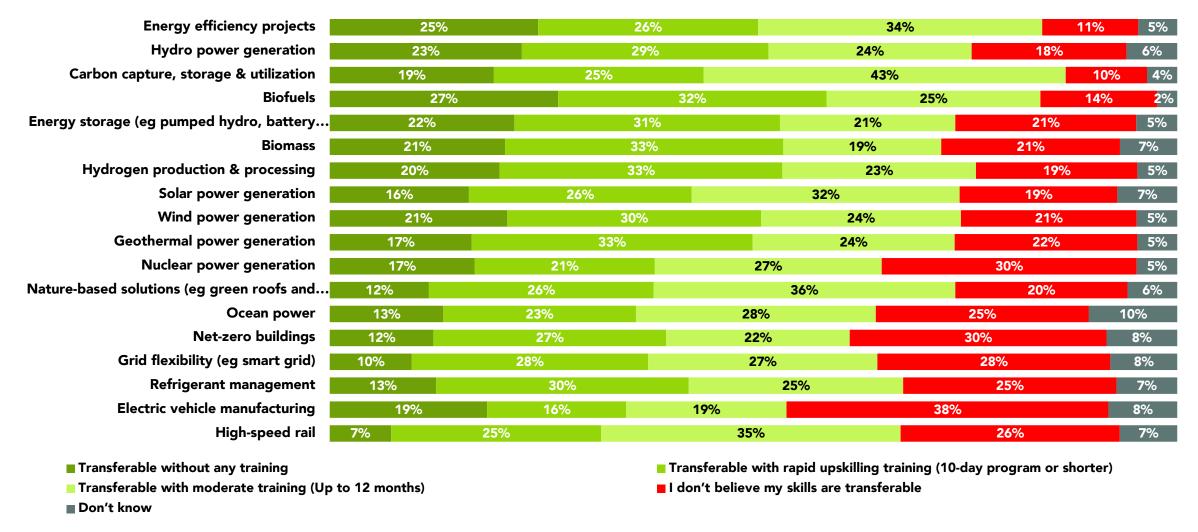


OUTLOOK ON TRANSFERABILITY OF CURRENT SKILLS STEM JOB WORKERS



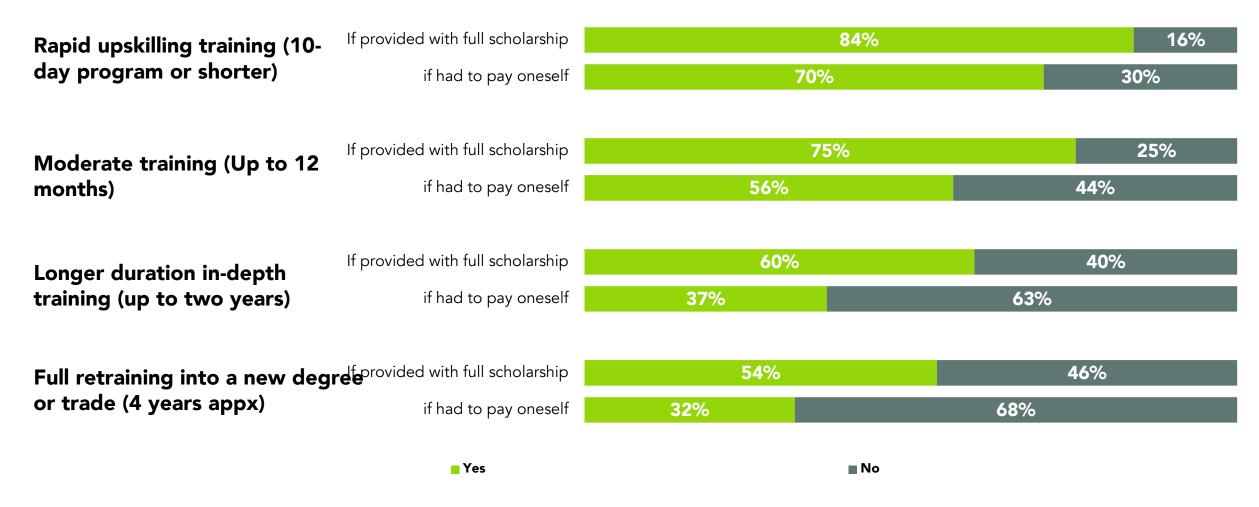


ON-SITE SUPERVISION JOB WORKERS

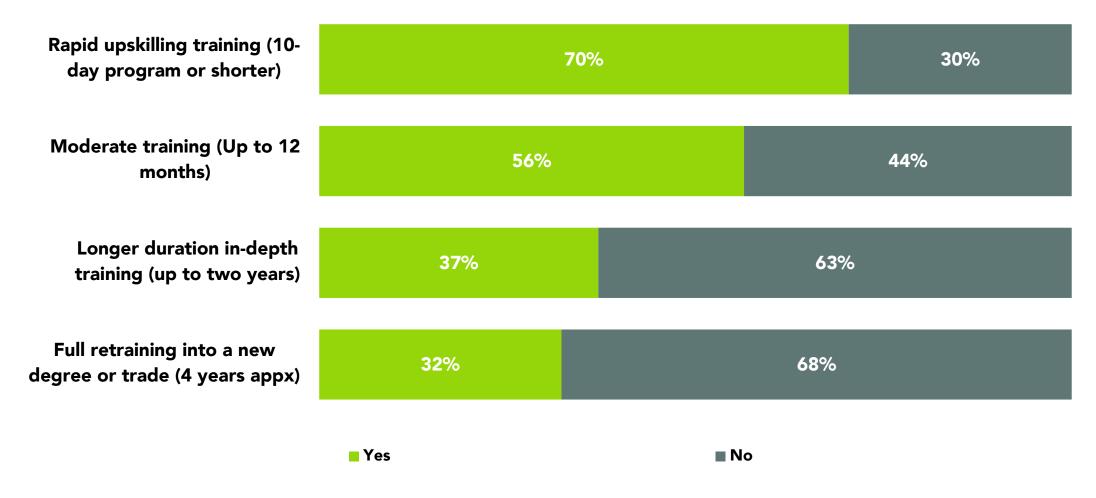




INCLINATION TOWARDS TRAINING FOR UPSKILLING/ RETRAINING FOR A JOB IS HIGHER WITH SCHOLARSHIP

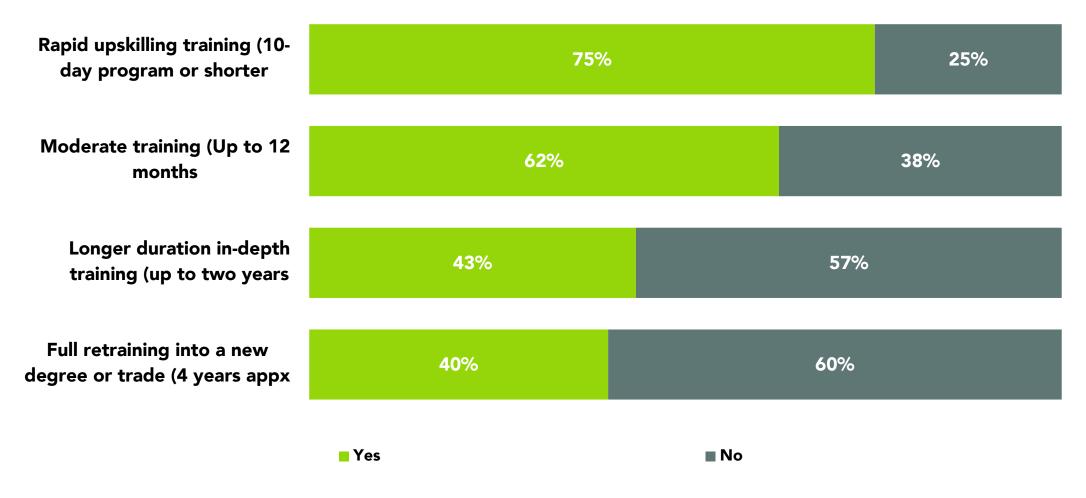






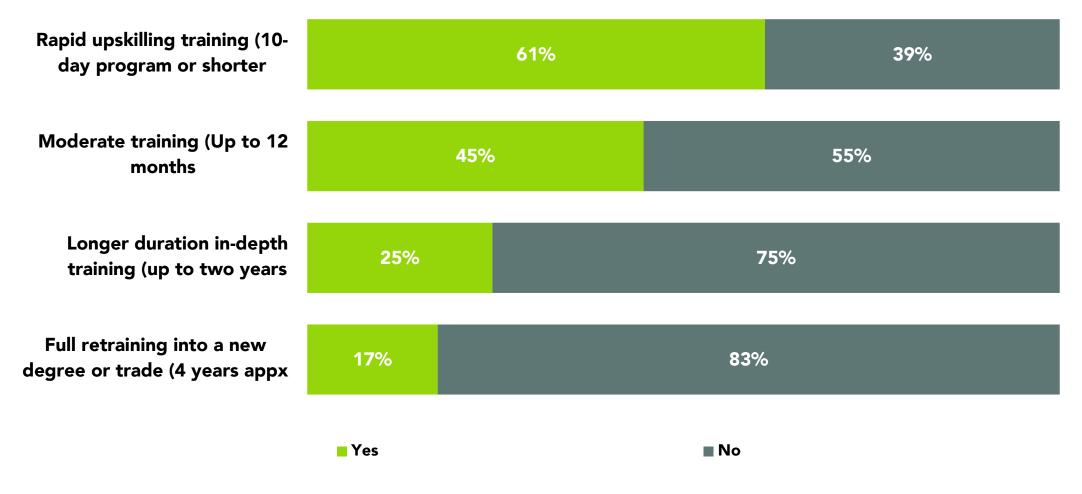


UNDER 45 AGE GROUP



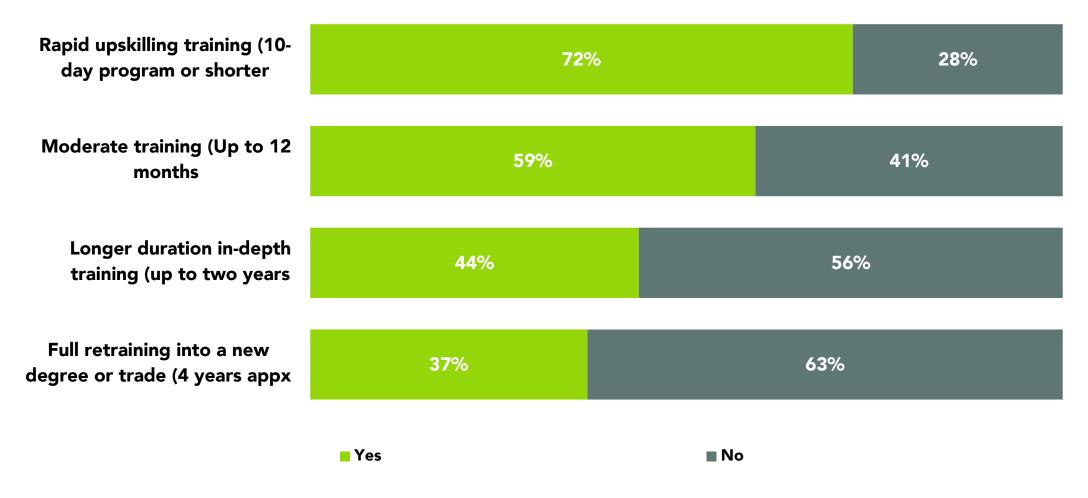


OVER 45 AGE GROUP



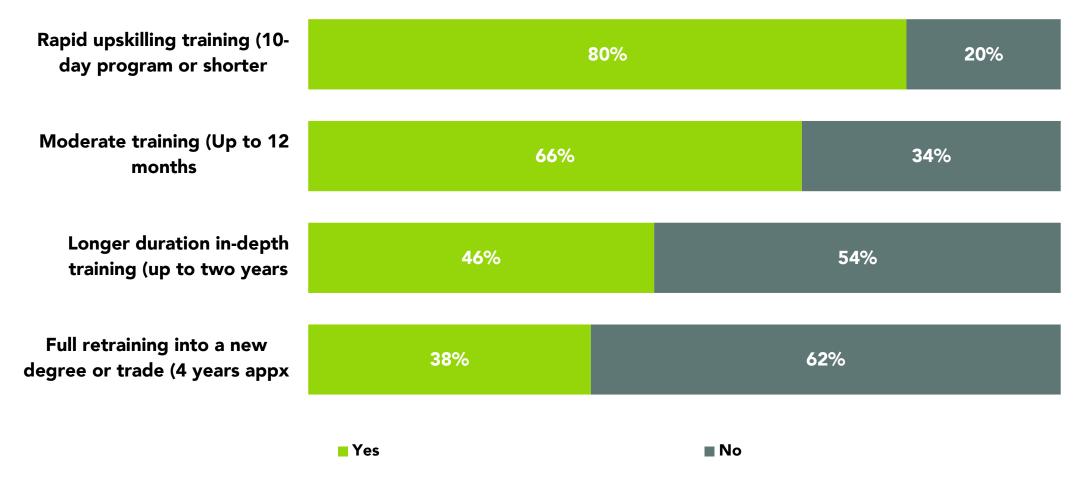


TRADES AND INDUSTRIAL JOB WORKERS



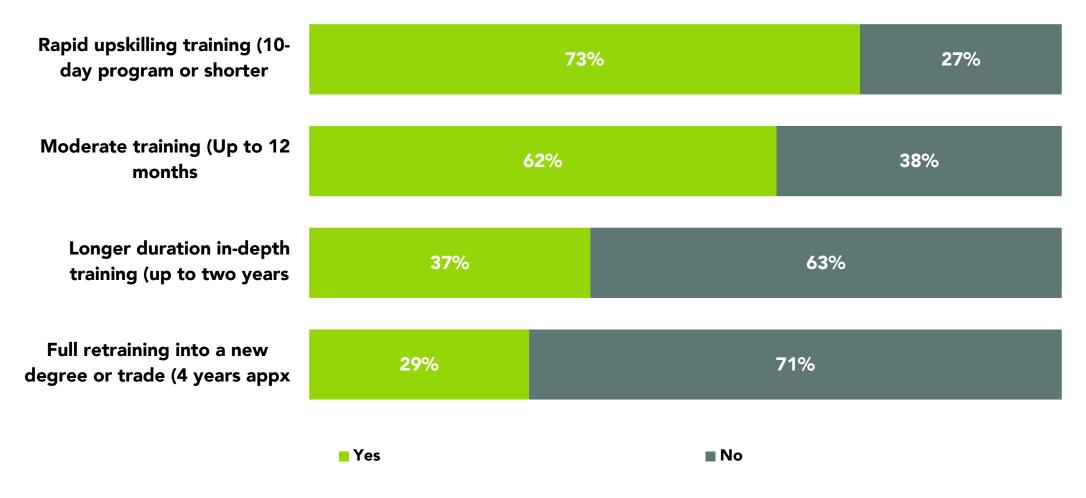


STEM JOB WORKERS



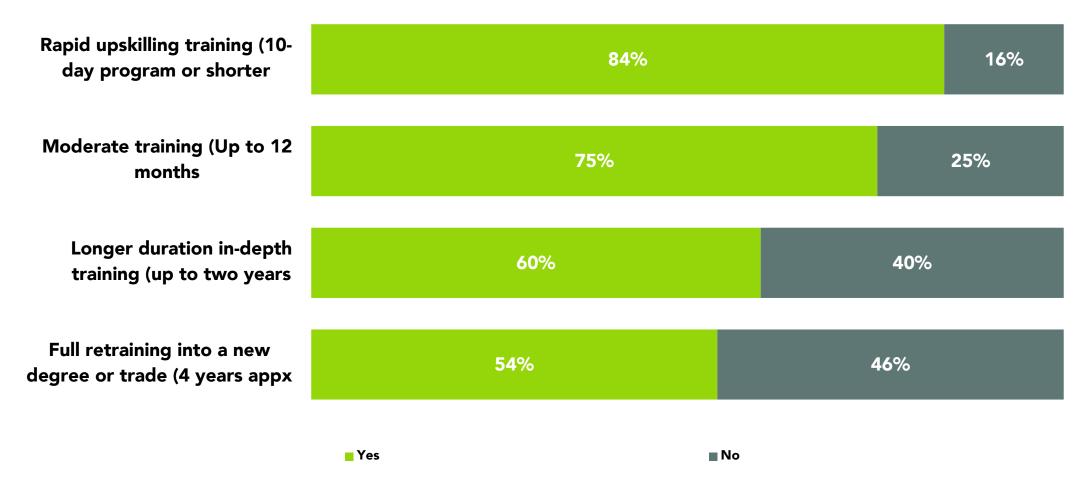


ON-SITE SUPERVISION JOB WORKERS





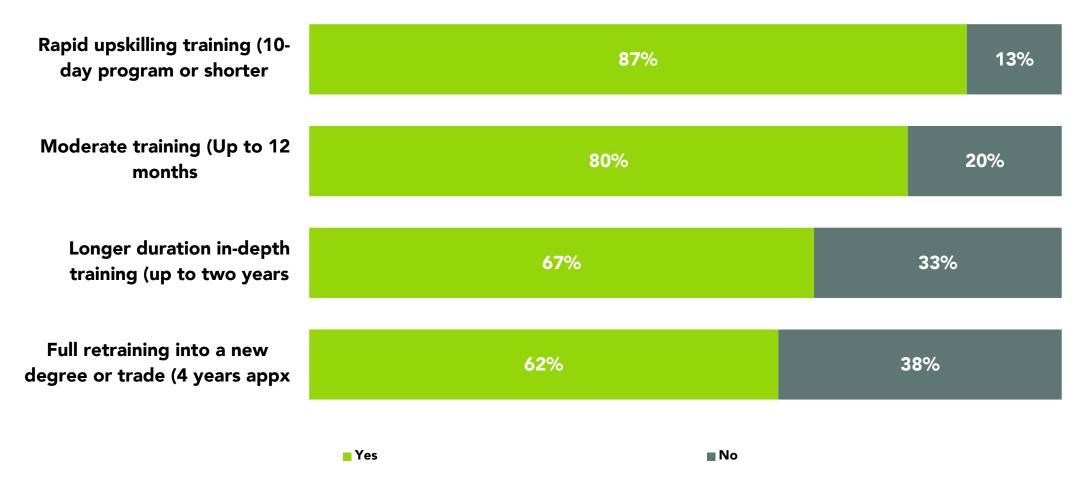
INCLINATION TOWARDS TRAINING FOR UPSKILLING/ RETRAINING FOR A JOB IF PROVIDED WITH SCHOLARSHIP





INCLINATION TOWARDS TRAINING FOR UPSKILLING/ RETRAINING FOR A JOB IF PROVIDED WITH SCHOLARSHIP

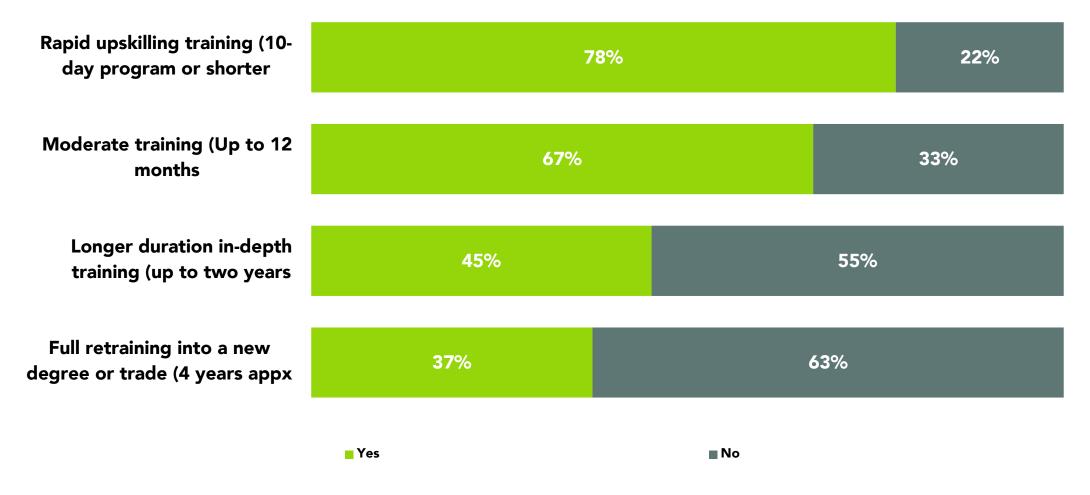
UNDER 45 AGE GROUP





INCLINATION TOWARDS TRAINING FOR UPSKILLING/ RETRAINING FOR A JOB IF PROVIDED WITH SCHOLARSHIP

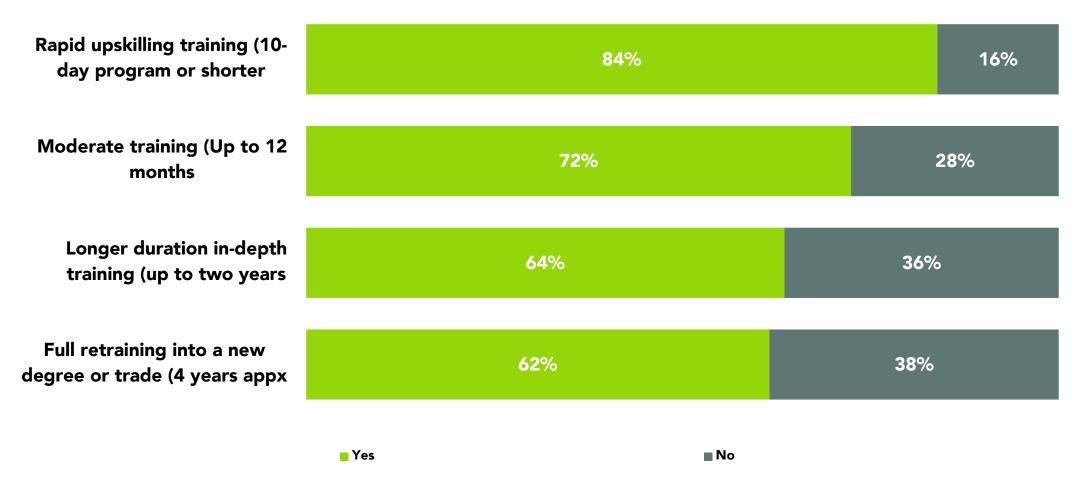
OVER 45 AGE GROUP





INCLINATION TOWARDS TRAINING FOR UPSKILLING/ RETRAINING FOR A JOB IF PROVIDED WITH SCHOLARSHIP

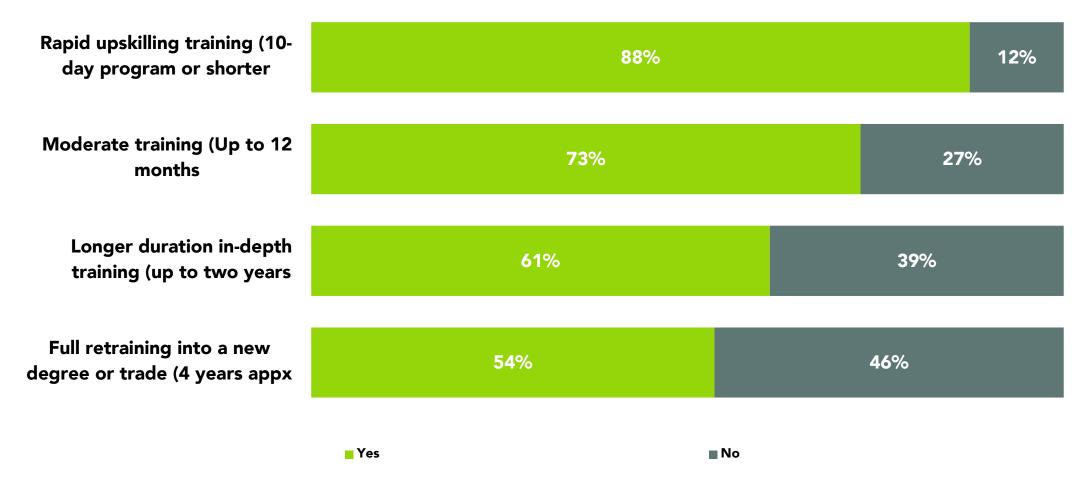
TRADES AND INDUSTRIAL JOB WORKERS





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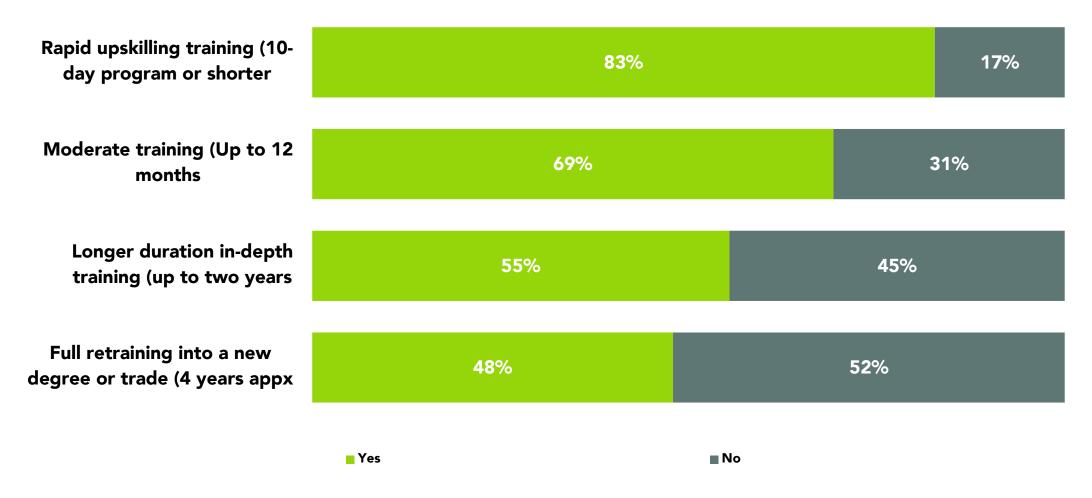
STEM JOB WORKERS





INCLINATION TOWARDS TRAINING FOR UPSKILLING/ RETRAINING FOR A JOB IF PROVIDED WITH SCHOLARSHIP

ON-SITE SUPERVISION JOB WORKERS





UNDER 45 VS OVER 45 AGE GROUP

	Under 45 Age Group	Over 45 Age Group
Opportunity to develop new skills	74%	59%
An increase in job opportunities for workers like me	64%	40%
New economic opportunities for members of Indigenous communities	66%	47%
Boosting the environmental health and well-being of my children(s) and/or future generations	74%	46%
Humanity's impacts on the planet will be minimized	64%	32%
Boosting the economic well-being of my children and/or future generations	65%	45%



DIFFERENT WORK TYPE

	TRADES AND INDUSTRIAL JOB WORKERS	OFFICE/REMOTE/ AND/OR DESK JOB WORKERS	STEM JOB WORKERS	ON-SITE SUPERVISION JOB WORKERS
Opportunity to develop new skills	69%	71%	77%	75%
An increase in job opportunities for workers like me	60%	56%	69 %	53%
New economic opportunities for members of Indigenous communities	64%	58%	68%	58%
Boosting the environmental health and well-being of my children(s) and/or future generations	62%	64%	75%	62 %
Humanity's impacts on the planet will be minimized	55%	52%	71%	56%
Boosting the economic well-being of my children and/or future generations	61%	59 %	70%	60%



INDIGENOUS VS NON- INDIGENOUS

	INDIGENOUS	NON- INDIGENOUS
Opportunity to develop new skills	84%	66%
An increase in job opportunities for workers like me	82%	50%
New economic opportunities for members of Indigenous communities	77%	55%
Boosting the environmental health and well-being of my children(s) and/or future generations	72%	63%
Humanity's impacts on the planet will be minimized	73%	48%
Boosting the economic well-being of my children and/or future generations	76 %	54%

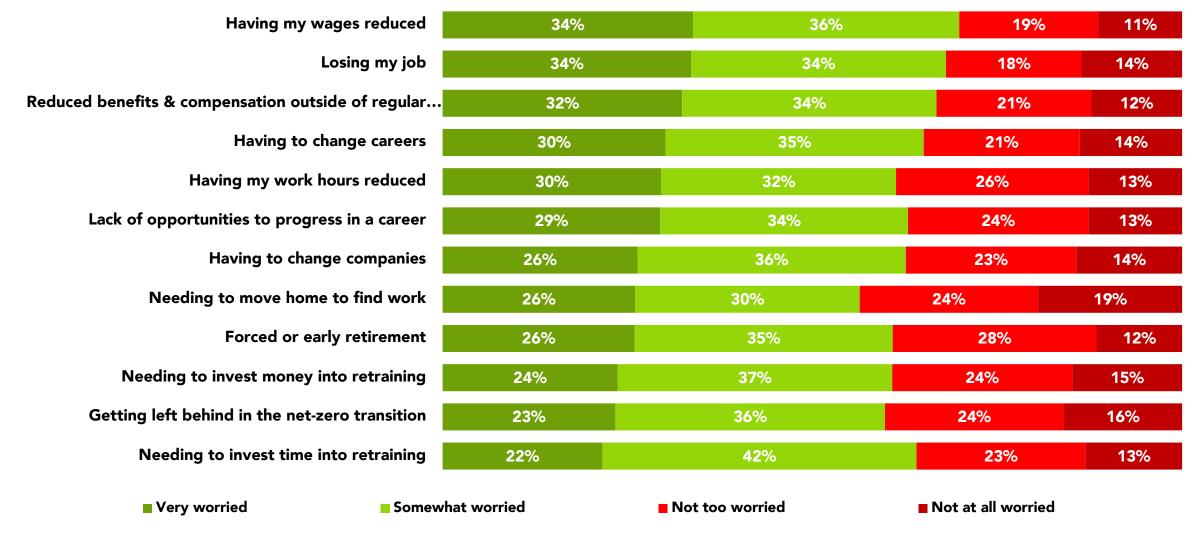


INTEREST IN SWITCHING TO A CAREER IN NET-ZERO ECONOMY

	VERY INTERESTED	SOMEWHAT INTERESTED	NOT INTERESTED
Opportunity to develop new skills	87%	65%	38%
An increase in job opportunities for workers like me	76 %	50%	27%
New economic opportunities for members of Indigenous communities	73%	61%	32%
Boosting the environmental health and well-being of my children(s) and/or future generations	82%	61%	42%
Humanity's impacts on the planet will be minimized	73%	48%	28%
Boosting the economic well-being of my children and/or future generations	78%	48%	35%



WORRIES ABOUT BEING LEFT BEHIND IN THE TRANSITION TO NET-ZERO ECONOMY





UNDER 45 VS OVER 45 AGE GROUP

	Under 45 Age Group	Over 45 Age Group
Having my wages reduced	79%	51%
Losing my job	77%	51%
Reduced benefits & compensation outside of regular pay	75%	50%
Having to change careers	76%	44%
Having my work hours reduced	71%	42%
Lack of opportunities to progress in a career	73%	43%
Having to change companies	70%	47%
Needing to move home to find work	64%	41%
Forced or early retirement	65%	52 %
Needing to invest money into retraining	71%	41%
Getting left behind in the net-zero transition	71%	38%
Needing to invest time into retraining	74%	45%



DIFFERENT WORK TYPE

	TRADES AND INDUSTRIAL JOB WORKERS	OFFICE/REMOTE/ AND/OR DESK JOB WORKERS	STEM JOB WORKERS	ON-SITE SUPERVISION JOB WORKERS
Having my wages reduced	72 %	69%	70%	64%
Losing my job	70 %	67 %	71%	62 %
Reduced benefits & compensation outside of regular pay	68%	68%	65%	64%
Having to change careers	70 %	68%	70%	64%
Having my work hours reduced	67%	61%	59 %	51%
Lack of opportunities to progress in a career	65%	62 %	68%	59%
Having to change companies	63%	62 %	62 %	52 %
Needing to move home to find work	58%	54%	66%	57%
Forced or early retirement	63%	59 %	67%	54%
Needing to invest money into retraining	64%	60%	60%	53%
Getting left behind in the net-zero transition	60%	60%	70%	51%
Needing to invest time into retraining	64%	60%	67%	59%



INDIGENOUS VS NON- INDIGENOUS

	INDIGENOUS	NON- INDIGENOUS
Having my wages reduced	80%	67%
Losing my job	88%	63%
Reduced benefits & compensation outside of regular pay	85%	62%
Having to change careers	85%	60%
Having my work hours reduced	69%	59%
Lack of opportunities to progress in a career	78%	59 %
Having to change companies	77%	59%
Needing to move home to find work	76%	52%
Forced or early retirement	74%	58%
Needing to invest money into retraining	75 %	57%
Getting left behind in the net-zero transition	75%	56%
Needing to invest time into retraining	80%	60%



INTEREST IN SWITCHING TO A CAREER IN NET-ZERO ECONOMY

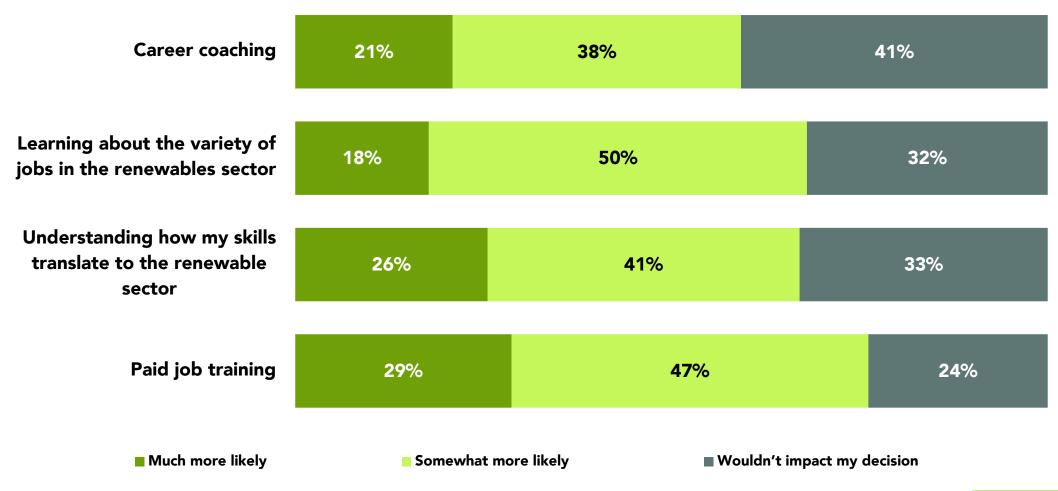
	VERY INTERESTED	SOMEWHAT INTERESTED	NOT INTERESTED
Having my wages reduced	80%	74%	52%
Losing my job	84%	63%	45%
Reduced benefits & compensation outside of regular pay	74%	70%	51%
Having to change careers	79 %	66 %	43%
Having my work hours reduced	76 %	58%	41%
Lack of opportunities to progress in a career	76 %	62%	44%
Having to change companies	78%	56%	45%
Needing to move home to find work	73%	54%	29%
Forced or early retirement	67%	65%	43%
Needing to invest money into retraining	76 %	57%	41%
Getting left behind in the net-zero transition	74%	60%	36%
Needing to invest time into retraining	81%	61%	38%



ALBERTA VS ONTARIO

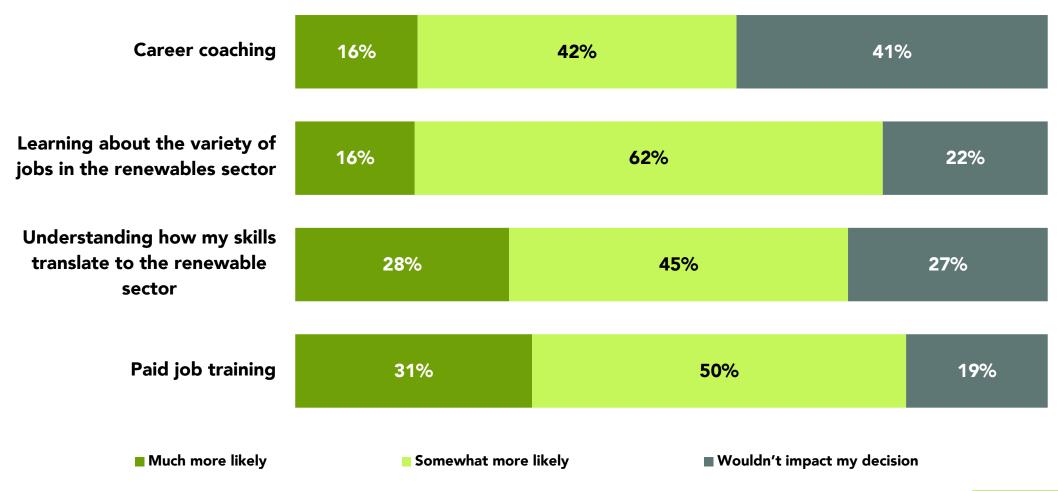
	ALBERTA	ONTARIO
Having my wages reduced	64%	74%
Losing my job	62%	77%
Reduced benefits & compensation outside of regular pay	62%	72 %
Having to change careers	62%	71%
Having my work hours reduced	57%	65%
Lack of opportunities to progress in a career	58%	70%
Having to change companies	58%	69%
Needing to move home to find work	51%	67%
Forced or early retirement	55%	74%
Needing to invest money into retraining	55%	69%
Getting left behind in the net-zero transition	52%	69%
Needing to invest time into retraining	58%	71%





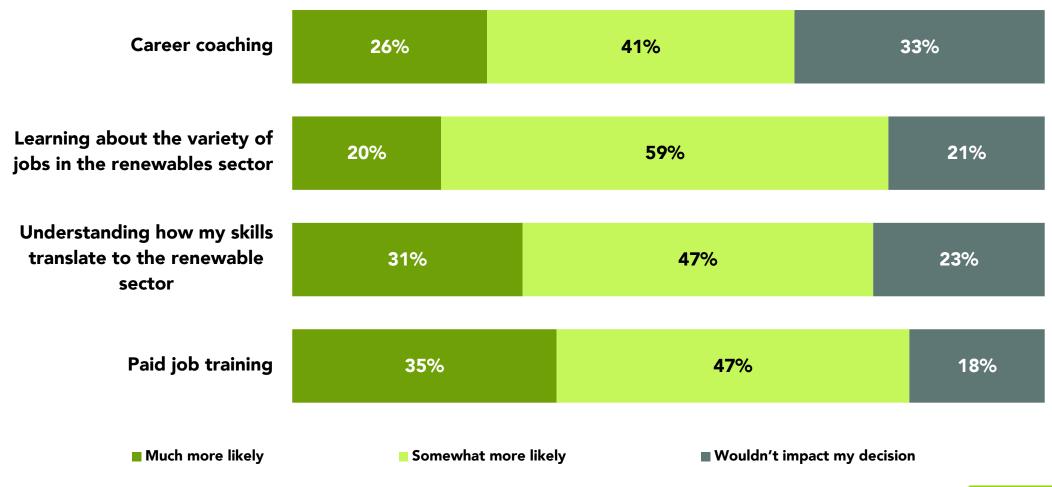


SOMEWHAT INTERESTED IN SWITCHING TO NET-ZERO ECONOMY JOB



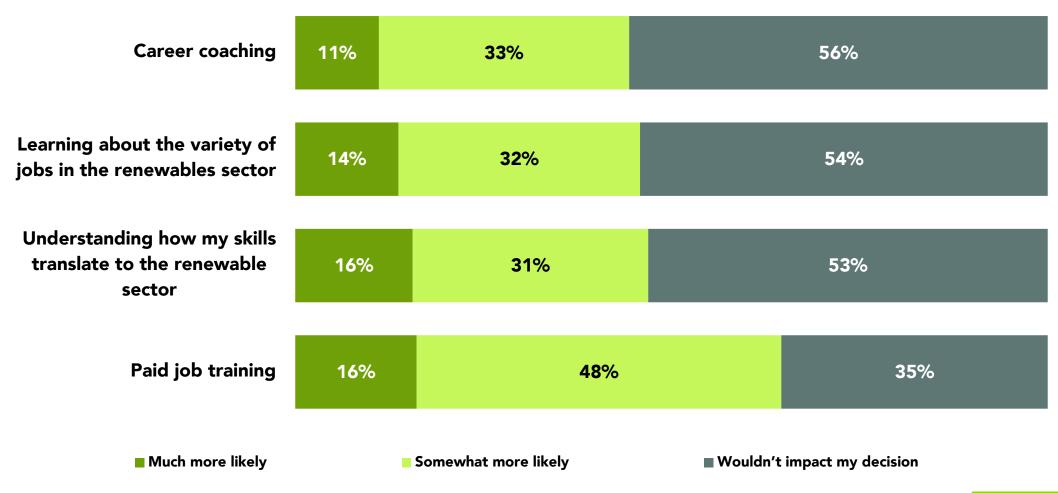


UNDER 45 AGE GROUP





OVER 45 AGE GROUP

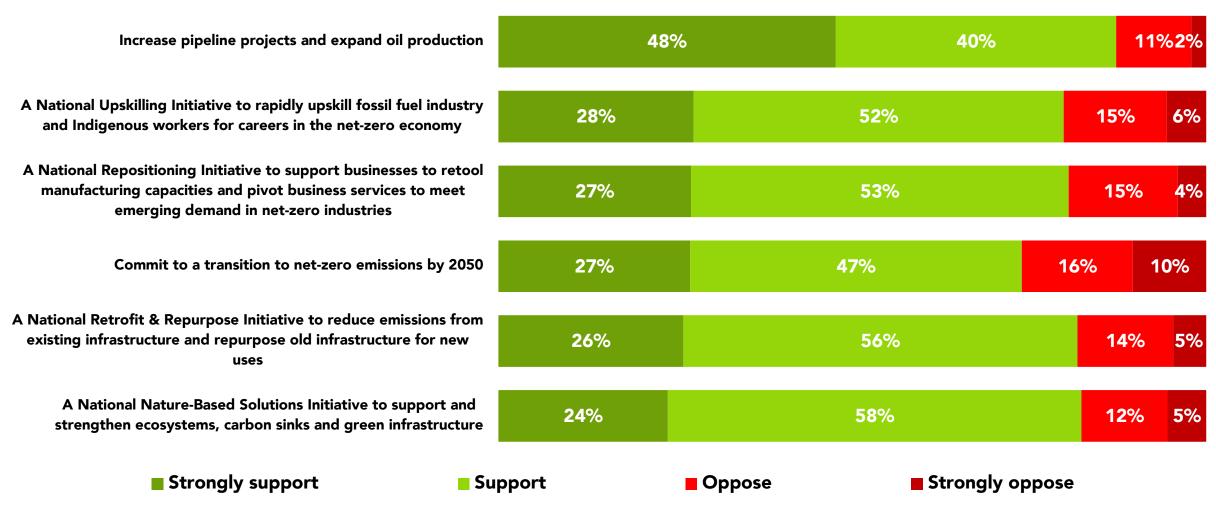




5/10 WORKERS WILLING TO TAKE PAY CUT FOR A JOB IN NET-ZERO ECONOMY

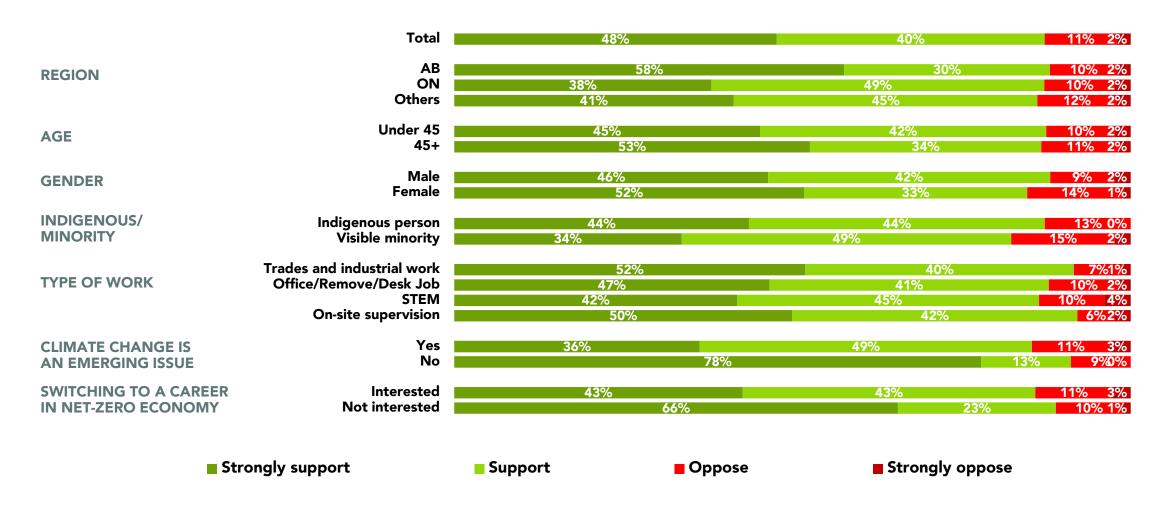






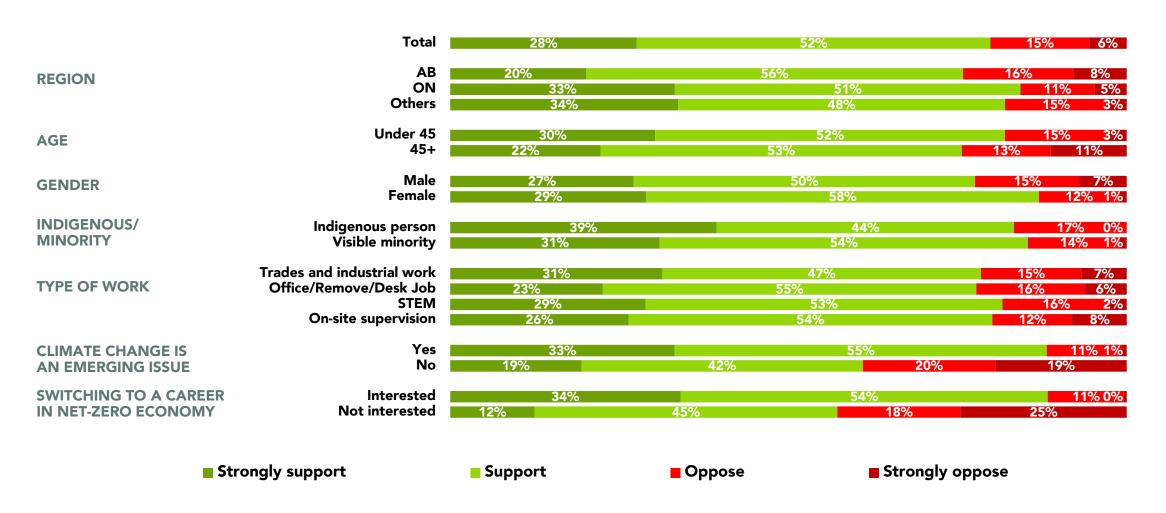


INCREASE PIPELINE PROJECTS AND EXPAND OIL PRODUCTION



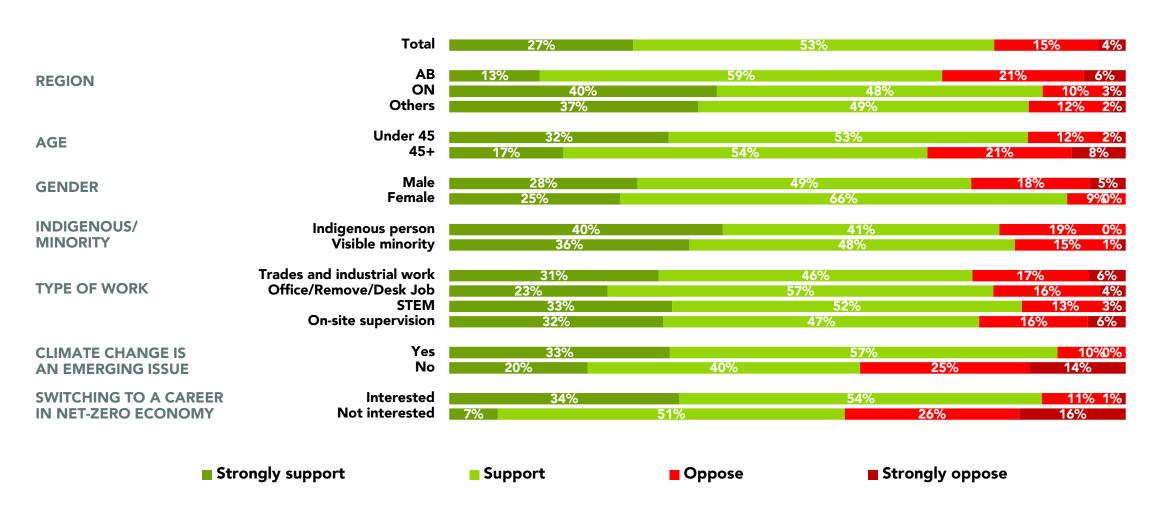


A NATIONAL UPSKILLING INITIATIVE TO RAPIDLY UPSKILL FOSSIL FUEL INDUSTRY AND INDIGENOUS WORKERS FOR CAREERS IN THE NET-ZERO ECONOMY



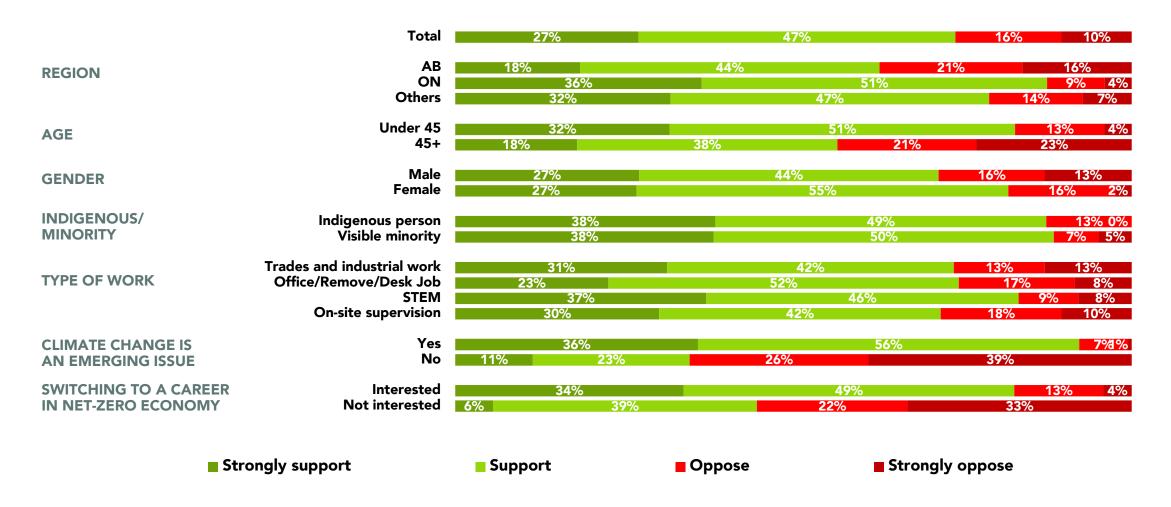


A NATIONAL REPOSITIONING INITIATIVE TO SUPPORT BUSINESSES TO RETOOL MANUFACTURING CAPACITIES AND PIVOT BUSINESS SERVICES TO MEET EMERGING DEMAND IN NET-ZERO INDUSTRIES



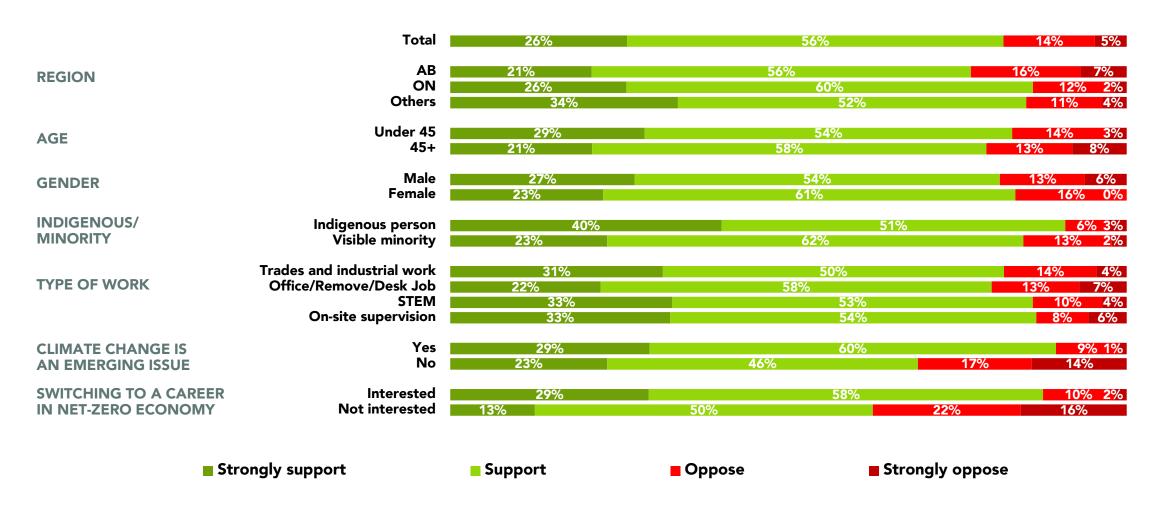


COMMIT TO A TRANSITION TO NET-ZERO EMISSIONS BY 2050





A NATIONAL RETROFIT & REPURPOSE INITIATIVE TO REDUCE EMISSIONS FROM EXISTING INFRASTRUCTURE AND REPURPOSE OLD INFRASTRUCTURE FOR NEW USES





A NATIONAL NATURE-BASED SOLUTIONS INITIATIVE TO SUPPORT AND STRENGTHEN ECOSYSTEMS, CARBON SINKS AND GREEN INFRASTRUCTURE

