



# Public Opinion Survey on Climate Change and Renewable Energy in Armenia

December 2022

#### Disclaimer

This report has been produced as part of the "Strengthening Armenia's Energy Security" project which is funded by the UK Government's Conflict, Stability and Security Fund (CSSF) and implemented by the Westminster Foundation for Democracy. This report was produced by Breavis, a research and marketing communications company in Armenia.

The opinions expressed in this paper are those of the authors and do not necessarily reflect the official position of the UK Government or the views of the other organisations mentioned.

### **Table of Contents**

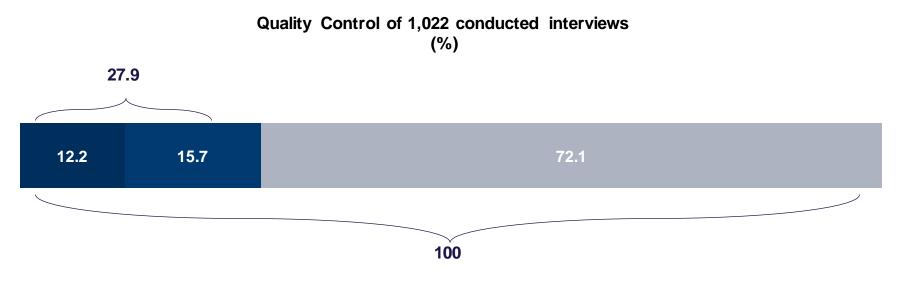
1.	Research Methodology	4
2.	Demographics	8
3.	Main questions	12

## 1. Research Methodology

#### **Research Methodology**

- To conduct a survey of public opinion among the residents of the Republic of Armenia, the method of telephone survey was used from the quantitative methods.
- The target of the research was over 18 years old people living in the Republic of Armenia.
- A random sample, which is representative for the Republic of Armenia, was used for the research. 1,022 surveys were conducted. The confidence level is 95%, and the margin of error is Δ=±3.09%.
- The survey questionnaire was developed by Breavis in collaboration with the Client's specialists.
- The survey was conducted in the period of December 6-13, within 8 days. 26 interviewers participated in the survey, who conducted 8-14 surveys per day.
- During the research conducted 4 methods of quality control The total quality control rate is 127.9%.

### Double quality control of the data



Cordinator was present during the interview (n=125) Interview was recorded and auditioned (n=160) quality control by one method (n=737)

During and after the survey, the work of the interviewers and the quality control of the interviews was carried out in the following 4 stages:

- Interviews quality control via parallel visits of quality control coordinators: 12.2%
- Interviews quality control via audio recordings of done interviews: 15.7%
- Questionnaire duration check: 100%
- Questionnaire logic check: 100%

### Number of Refusals by Reasons

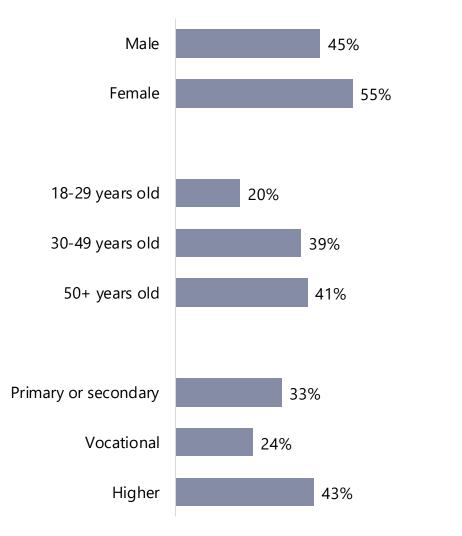
In order to conduct **1,022** interviews during the survey, **16,000** automatically generated phone numbers were dialed up. As a result, having **11,979** phone numbers that were unavailable and did not meet the quota, **4,021** prospective respondents were contacted, **75%** of them refused to take part in the survey.

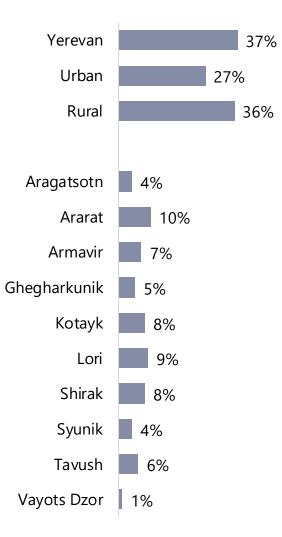
Reason for Refusal	Total	Share (%)
Refusal because of time	1,962	66%
Refusal because of the topic	96	3%
Refusal because does not take part in surveys at all	249	8%
Refusal because of other reasons	157	5%
Interrupted surveys	535	18%
Total	2,999	100%

- The interviews were conducted with subscribers of the telephone numbers who expressed a wish to participate in the research.
- Subscribers of each phone number participated in the survey once.

## 2. Demographics

## Main demographic groups

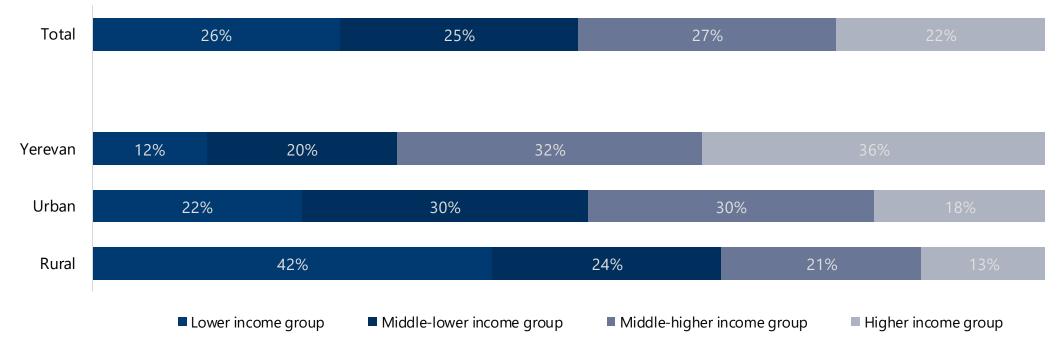




#### Income groups

#### Income groups\* in community types

Distribution based on community types

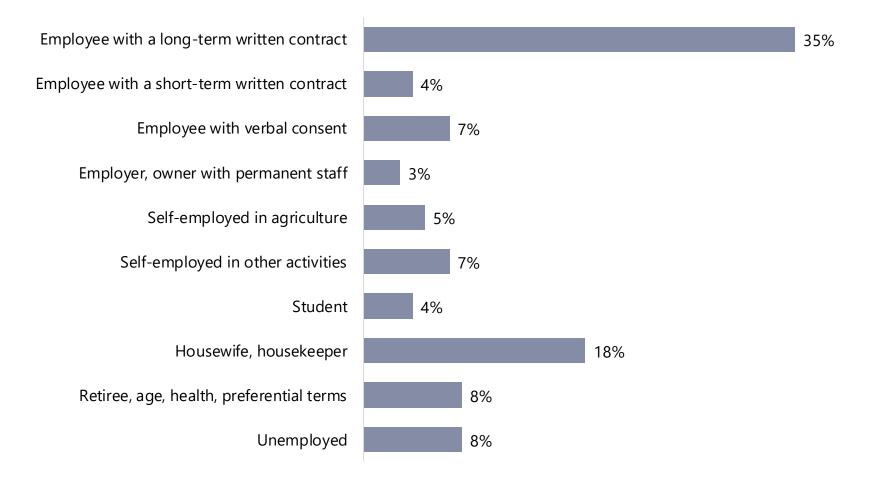


\*Groups are classified by quartiles. The whole sample was divided into 4 almost equal parts.. Division ranges are as follows:

- Lower income group up to AMD 33,500
- Middle-lower income group AMD 33,501-60,000
- *Middle-higher income group AMD 60,001-100,000*
- Higher income group AMD 100,001 and more.

#### Employment

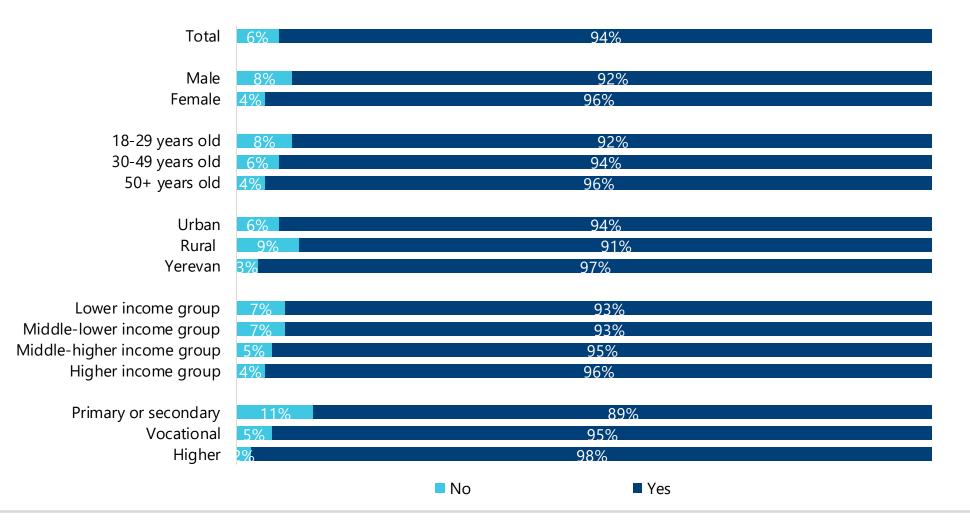
#### **Employment groups**



## 3. Main questions

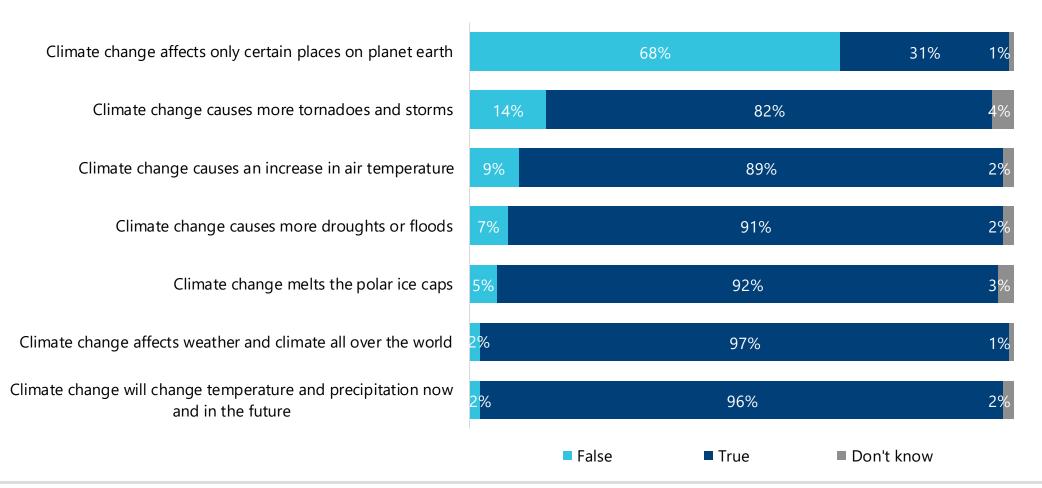
#### Climate change awareness

Have you ever heard that the Earth's climate or its weather conditions are changing?



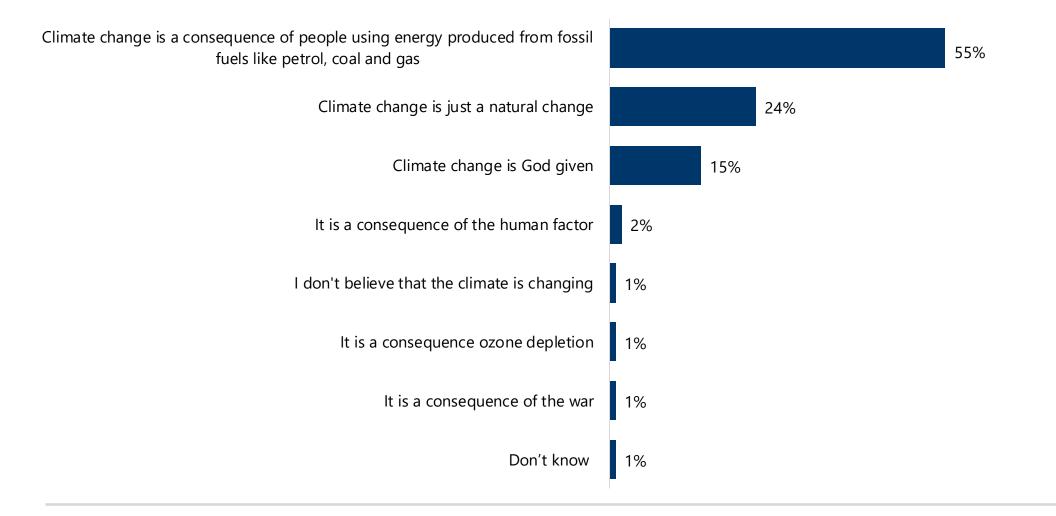
### Accuracy of judgments about climate change

## Which of the following statements about global climate change do you think are true?

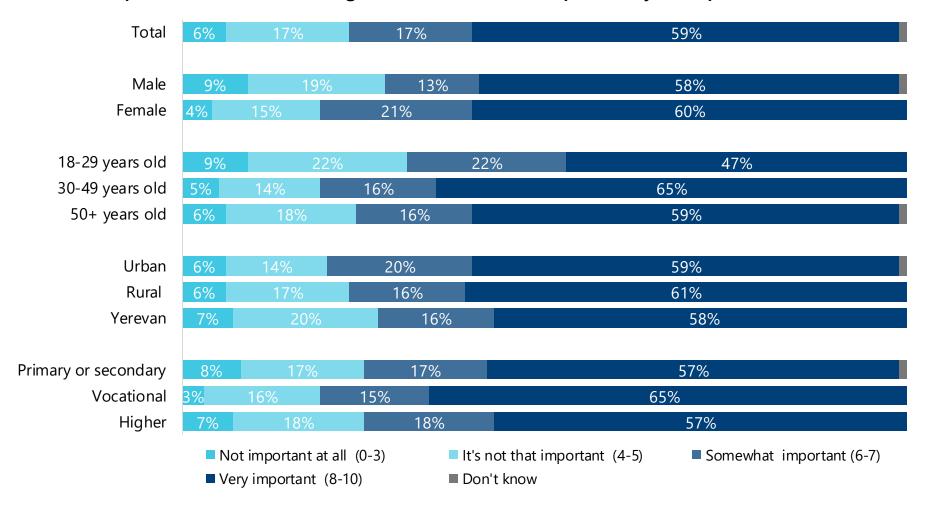


### Approaches to climate change

#### Which of the following statements is close to your approach to climate change?



### The importance of climate change

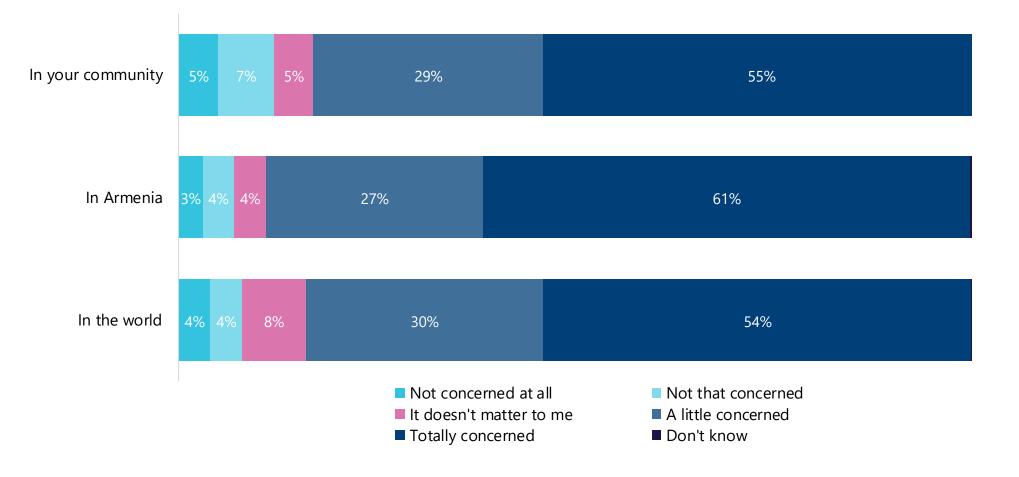


How important is climate change for Armenia at this point in your opinion? \*

\* Before hearing the question the respondents had been informed that "Climate change" refers to changes in the weather over time.

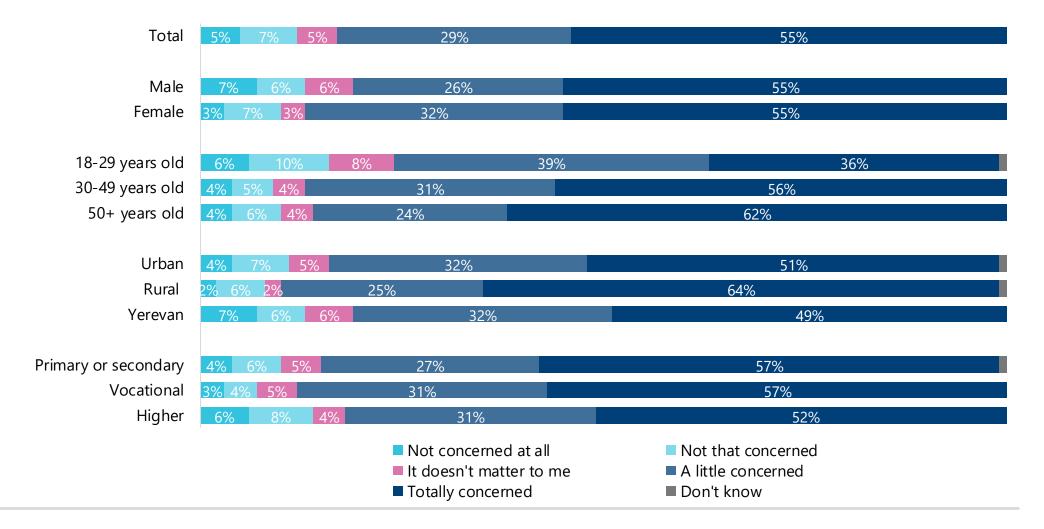
#### Concerns about climate change 1/4

#### How concerned are you about climate change...?



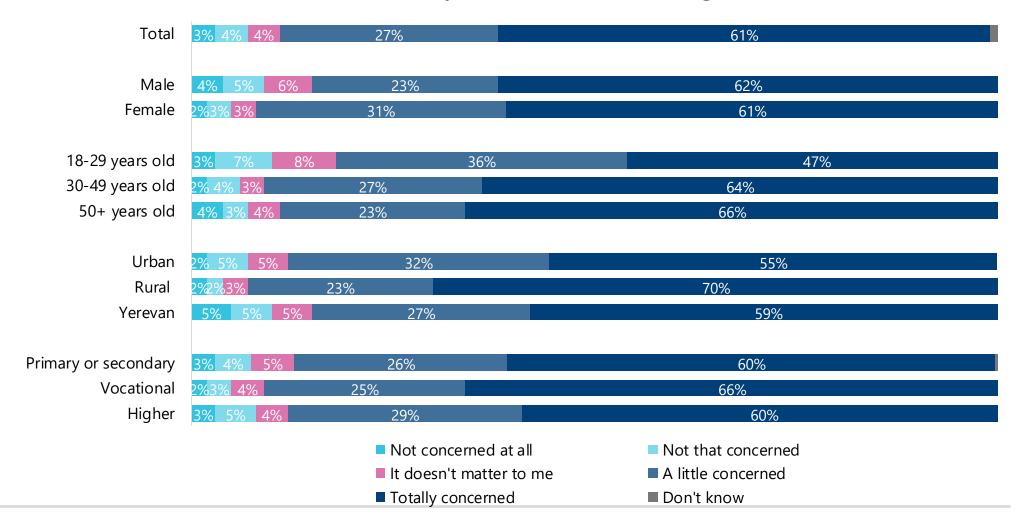
#### Concerns about climate change 2/4

#### How concerned are you about climate change in your <u>community</u>?



#### Concerns about climate change 3/4

#### How concerned are you about climate change in <u>Armenia</u>?



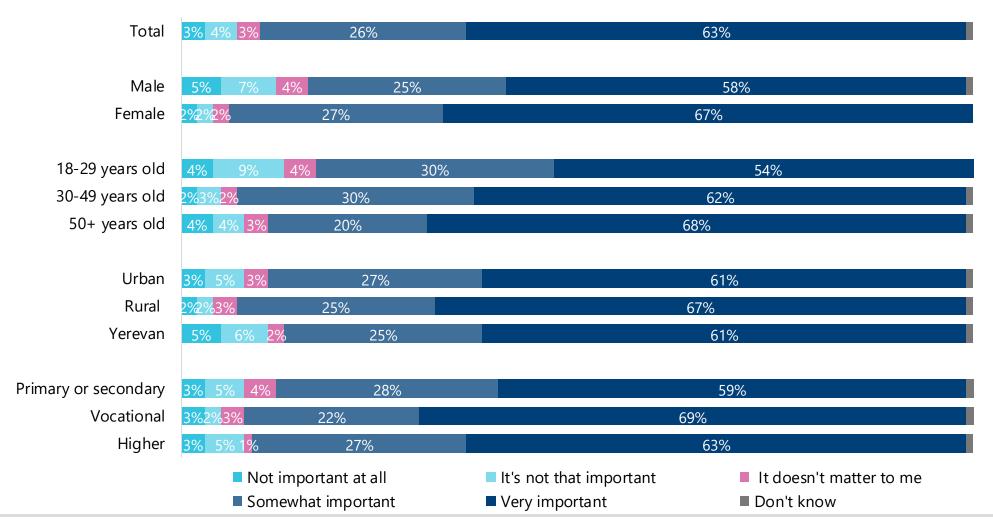
#### Concerns about climate change 4/4

#### Total 4% 4% 8% 30% 54% Male 7% 4% 11% 27% 49% Female 32% 58% 2%3% 5% 18-29 years old 11% 40% 38% 30-49 years old 3% 5% 29% 54% 50+ years old 26% **5%** 1% 6% 61% Urban 2% 6% 32% 50% 10% Rural 3% 4% 28% 56% Yerevan 6% 2% 31% 55% 6% Primary or secondary 3% 4% 14% 29% 49% Vocational 4% 3% 5% 32% 55% Higher 29% 5% 3% 5% 57% Not concerned at all Not that concerned It doesn't matter to me A little concerned Totally concerned Don't know

#### How concerned are you about climate change in the world?

#### The importance of taking steps to prevent climate change

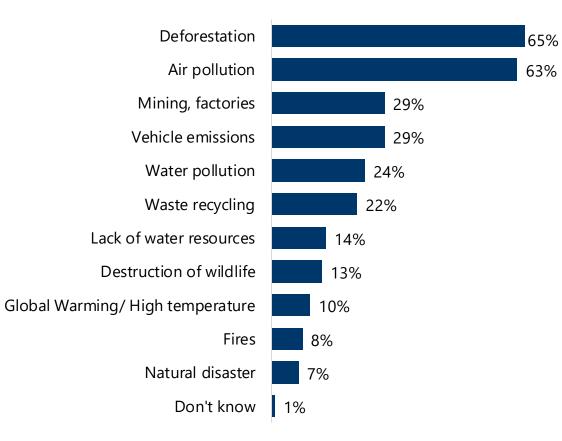
How important do you think it is to take steps to prevent climate change or reduce its impact in Armenia?



#### Most important environmental issues in Armenia

#### According to you, what are the 3 most important environmental issues in Armenia today?

Accepted up to 3 answers



### Importance of being active in protecting the environment by gender

#### Who do you think should be more active in protecting the environment?

Total	4%			95%	
Male Female	6% 3%			94% 97%	
	570			5170	
18-29 years old	4%			96%	
30-49 years old	4%			96%	
50+ years old	5%			95%	
Urban	6%			93%	
Rural	5%			95%	
Yerevan	3%			97%	
Primary or secondary	6%			94%	
Vocational	4%			96%	
Higher	3% <mark></mark>			97%	
		Men	Women	Both equally	Don't know

### Statements about climate change 1/2

#### It is normal if some species of animals or plants disappear in my area to meet the 1%8% 5% 72% needs of people There is nothing we can do to change the environmental conditions 1% 10% 13% 53% 23% The environment can be harmed if it brings economic benefit or money to the 52% 17% 10%1% country Future science and technology will be able to compensate for the damage done 21% 19% 23% 31% 3% to the environment today **5%** 5% <u>5%</u> There are ways of economic prosperity that do not harm a healthy environment 35% 47% 3% Harming the environment will lead to water shortages, which will directly affect 11% 82% the lives of all people Strongly disagree Rather disagree It's the same for me I rather agree I totally agree Don't know

To what extent do you agree with the following statements about the environment in Armenia?

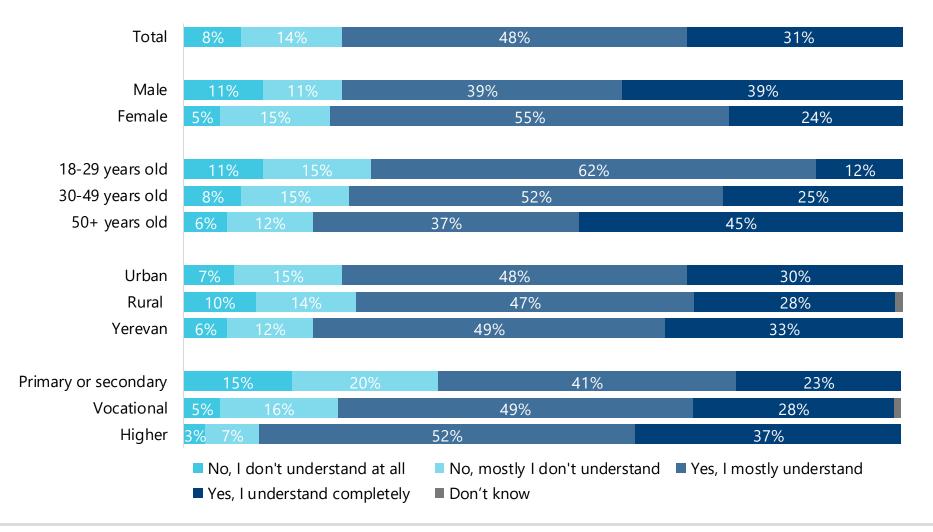
#### Statements about climate change 2/2

#### To what extent do you agree with the following statements about the environment in Armenia?

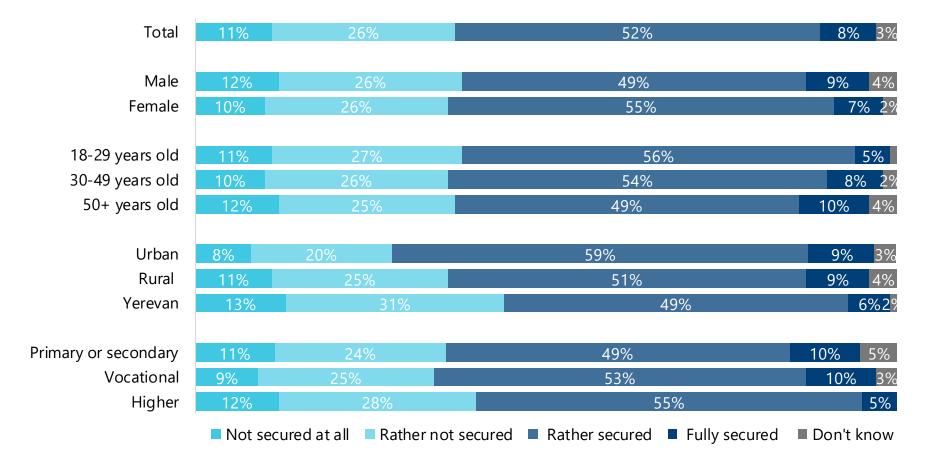
The youth and children of our community can make a difference in 21% 72% environmental protection Politicians should always discuss environmental issues in their agenda 21% 70% 5% Nature is fragile, so we must protect it 1% 9% 89% Environmental activism can make a difference in environmental protection 22% 72% 4% Those ways of economic prosperity that do not harm the healthy environment 3% 16% 78% should be prioritized 4% It is important to preserve the environment for future generations 95% Strongly disagree Rather disagree It's the same for me ■ I rather agree ■ I totally agree Don't know

### Understanding the meaning of the term "energy security"

In your opinion, do you understand what the term "energy security" means?



### **Energy security insurance of Armenia**



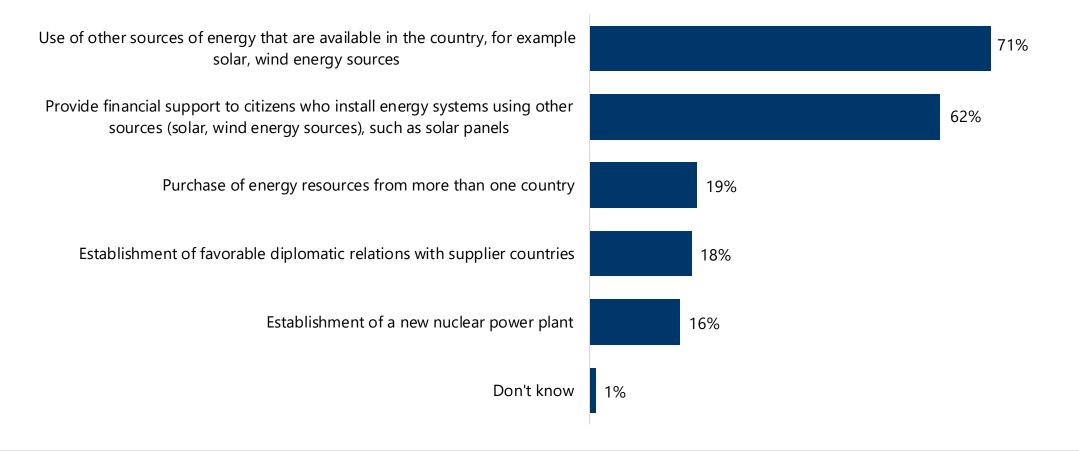
In your opinion, to what extent is Armenia's energy security ensured? \*

\*Before hearing the question the respondents had been informed that "energy security" implies conditions under which the cons umer has reliable access to the energy he/she needs. It is not only about uninterrupted energy flows, but also about stable and acceptable prices.

### Armenia's steps for full energy security

## What steps should the government take as a priority so that Armenia's energy security is fully ensured?

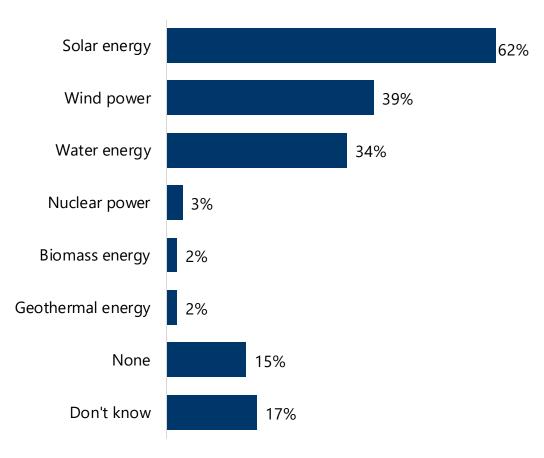
Accepted up to 2 answers



#### Renewable energy sources

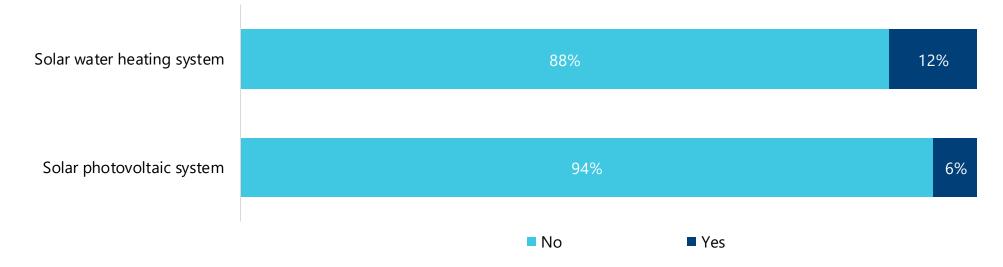
#### What renewable energy sources do you know?

Accepted several answers, options are nor defined

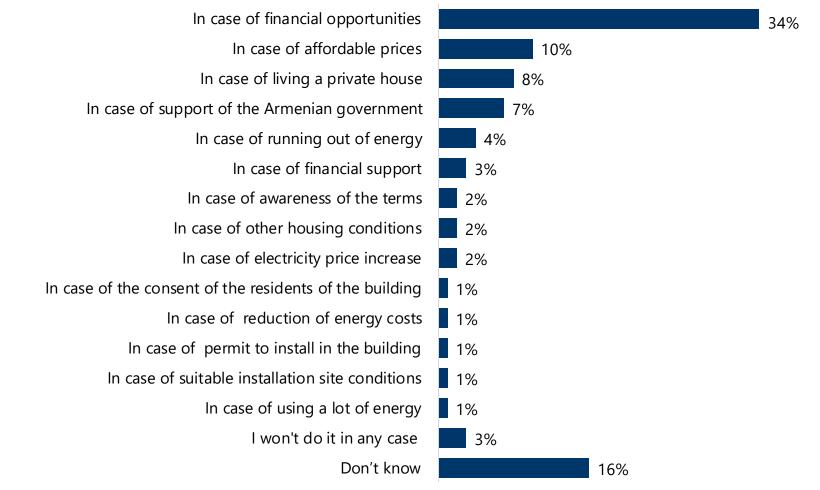


### Availability of renewable energy in the household

#### Does your household have a renewable...?



### Switching to renewable energy



#### Tell me, please, under what conditions will you switch to renewable energy?\*

\*Respondents without renewable resources working system in the household (n=849)

#### The importance of energy security for Armenia

9% 24% 27% 16% 12% 26% 31% 16% 9% 15% 15% 31% 18% 9% 4% 38% 40% 63% 28% 7% 34% 54% 24% 70% Strongly disagree Rather disagree It doesn't matter to me Rather agree ■ Totally agree Don't know

The Armenian Parliament has a clear plan for how government, business and citizens should work together to ensure energy security

The Armenian government has a clear plan for how government, business and citizens should work together to ensure energy security

Armenia's opposition parties have a clear plan for how government, business and citizens should work together to ensure energy security

Energy security is a matter of national security and sovereignty for Armenia

Ensuring energy security will contribute to the opening of new jobs

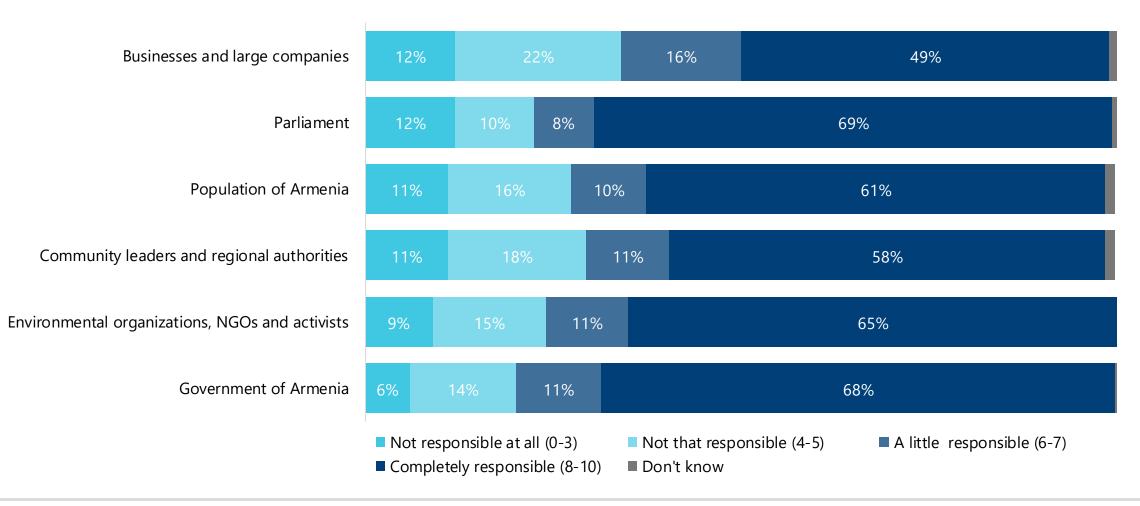
Armenia can achieve energy security by developing renewable energy production

Ensuring energy security will contribute to the development of the economy

#### To what extent do you agree with the following statements?

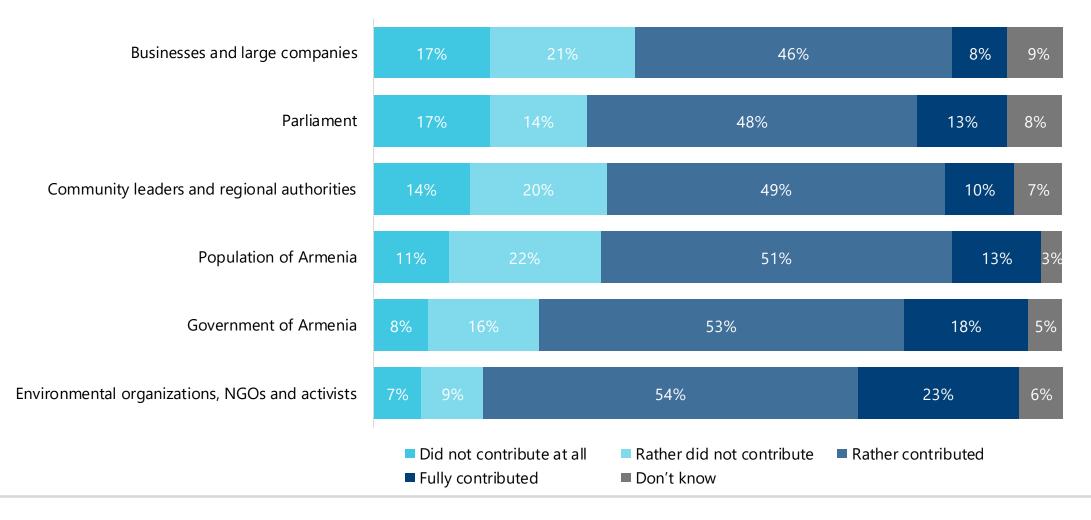
### Responsibilities for energy security in Armenia

# To what extent are each of the following responsible for improving energy security in Armenia?

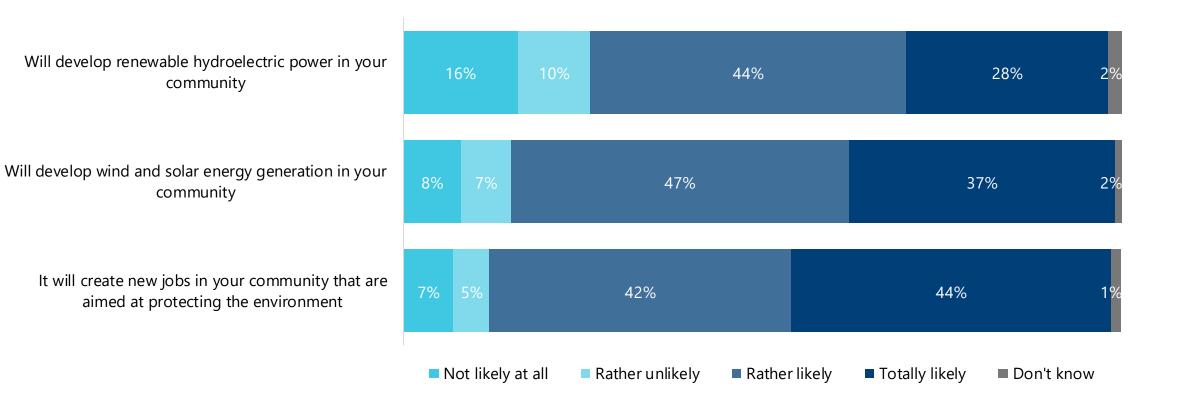


### Institutions contributing to the improvement of energy security

# According to you, to what extent have the following institutions contributed to the improvement of energy security in Armenia?



## Support for improving energy security

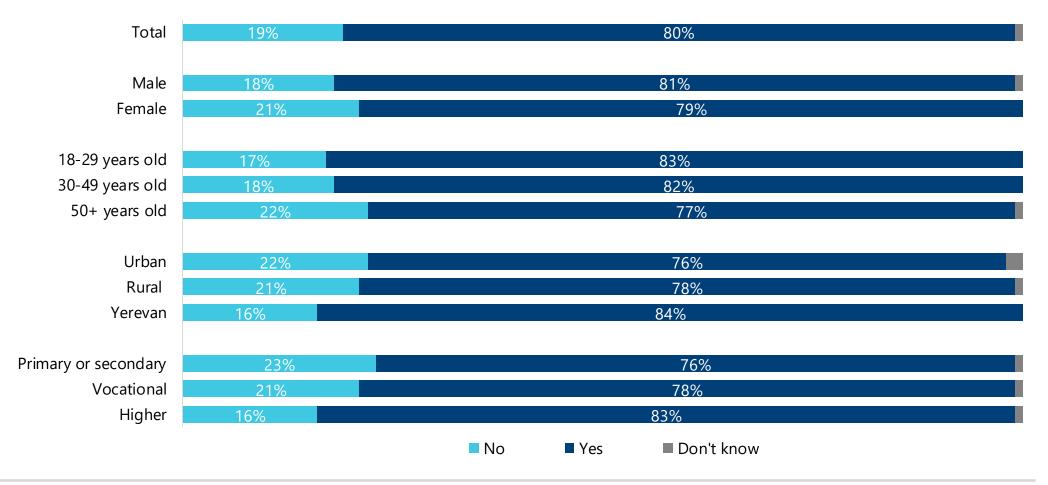


How likely are you to support a political party that...?

35

### The desire to reduce or prevent the impact of climate change

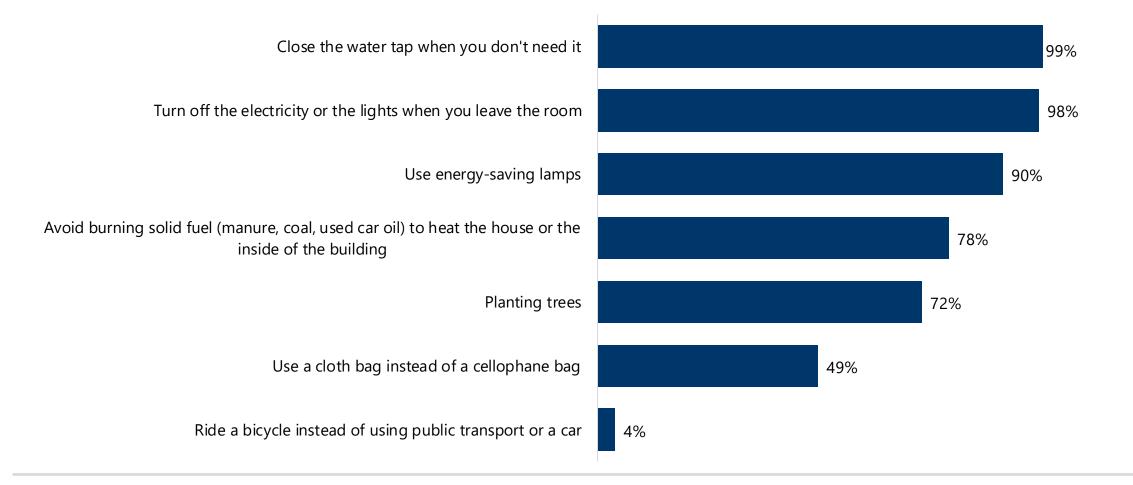
## In general are you prepared to take action to prevent or reduce the impact of climate change?



### **Energy saving actions**

#### Please tell me, do you usually perform the following actions?

Accepted several answers







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