

Fifth edition — 2022-2023

THE EIB CLIMATE SURVEY

**AFRICA AND
THE MIDDLE EAST**



**European
Investment Bank**

EUROPEAN INVESTMENT BANK

Fifth edition — 2022-2023

THE EIB CLIMATE SURVEY

**AFRICA AND
THE MIDDLE EAST**



**European
Investment Bank**

The EIB Climate Survey
Africa and the Middle East

© European Investment Bank, 2023.

98-100, boulevard Konrad Adenauer — L-2950 Luxembourg

+352 4379-1

info@eib.org

www.eib.org

twitter.com/eib

facebook.com/europeaninvestmentbank

youtube.com/eibtheeubank

All rights reserved.

All questions on rights and licensing should be addressed to publications@eib.org.

Photo credits: EIB, Gettyimages. All rights reserved.

Authorisation to reproduce or use these photos must be requested directly from the copyright holder.

For further information on the EIB's activities, please consult our website, www.eib.org.

You can also contact info@eib.org. Get our e-newsletter at www.eib.org/sign-up.

Published by the European Investment Bank.

Printed on FSC® paper.

CONTENTS

IV FOREWORD FROM AMBROISE FAYOLLE, VICE-PRESIDENT

VII METHODOLOGY

1 AFRICA AND THE MIDDLE EAST - THE SURVEY

- A. DO YOU FEEL THAT CLIMATE CHANGE HAS AN IMPACT ON YOUR EVERYDAY LIFE?
- B. DO CLIMATE CHANGE AND ENVIRONMENTAL DEGRADATION AFFECT YOUR INCOME, SOURCE OF LIVELIHOOD OR THE AMOUNT OF TIME YOU SPEND GETTING WATER AND WOOD?
- C. HAVE YOU OR YOUR FAMILY ALREADY INCURRED LOSSES DUE TO CLIMATE CHANGE (FOR EXAMPLE, BECAUSE OF DROUGHTS, SEA RISE/COASTAL EROSION, EXTREME WEATHER EVENTS SUCH AS FLOODS, HURRICANES, ETC.)?
- D. HAVE YOU OR ANYONE YOU KNOW TAKEN ANY ACTION TO ADAPT TO THE IMPACTS OF CLIMATE CHANGE? IF SO, WHAT?
- E. WHO DO YOU THINK IS RESPONSIBLE FOR CLIMATE CHANGE?
- F. IN WHICH SOURCE OF ENERGY SHOULD YOUR COUNTRY INVEST AS A PRIORITY MOVING FORWARD?

FOREWORD

Ready to do more about climate change

By Vice-President Ambroise Fayolle



Of all the regions in the world, Africa and the Middle East are among the most at risk of suffering from the devastating effects of climate change. The European Investment Bank's 2022 Climate Survey shows that for many people in these countries, these effects are already being felt today.

The results of the survey unambiguously show that for millions of people, climate change is already making everyday aspects of life, such as accessing water or collecting wood for fire, more difficult. A significant majority of the people interviewed in the survey also feel that climate change is already having an impact on their incomes and livelihoods.

It is obvious that we need to act now and there is a clear consensus on at least part of the way forward: more than three-quarters of respondents see renewable energy as a priority. At the European Investment Bank, we couldn't agree more. As one of the world's largest multilateral development banks and the EU climate bank, we have been supporting clean energy investments in Africa and the Middle East, such as wind, solar and hydropower, and off-grid solutions, for many years.

“ The results of the survey unambiguously show that for millions of people, climate change is already making everyday aspects of life, such as accessing water or collecting wood for fire, more difficult. ”

With the restructuring of our international operations under EIB Global, we are deepening our commitment to our partners in Africa and the Middle East and around the world. Our new regional hub for East Africa in Nairobi, which opened in November 2021, is part of our strategy to better deliver our full range of advisory and financial instruments to mitigate climate change, adapt to its already tangible negative effects, and ensure a just transition.

The European Investment Bank 2022 Climate Survey is the fifth edition of the survey. An annual project, we see it as an important way to hear from people around the world and understand how climate change is impacting their lives. This year’s survey tells us that many people in Africa and the Middle East are taking action themselves to adapt to climate change — an average of 57% overall but more than 70% in some countries. The message we hear is that people in these countries are ready to do more about climate change. Our message is that the European Investment Bank is here to help.

Ambroise Fayolle is the European Investment Bank vice-president responsible for climate action and environmental sustainability

How we conducted the survey



Survey conducted online (computer, tablet or mobile) by the BVA Group consulting firm between **1 and 25 August 2022** in ten African and Middle Eastern countries:



Angola



Cameroon



Côte d'Ivoire



Egypt



Jordan



Kenya



Morocco



Senegal



South Africa



Tunisia



Respondents were randomly selected from nationally representative panels and participated via self-administered online surveys.

Total sample of **6 105** people composed of **ten representative samples of the population aged 15 and over in each country**.



The **quota method** was used to ensure the accuracy of the survey results. Samples in each country were weighted according to gender, age and location.

Samples

Size of the representative panel per country

COUNTRY	SAMPLE SIZE	LANGUAGE USED
Angola	503	Portuguese
Cameroon	200	English, French
Côte d'Ivoire	500	French
Egypt	1 000	Arabic
Jordan	200	Arabic
Kenya	1 000	English
Morocco	1 000	Arabic, French
Senegal	202	French
South Africa	1 000	English
Tunisia	500	Arabic, French



Margin of error

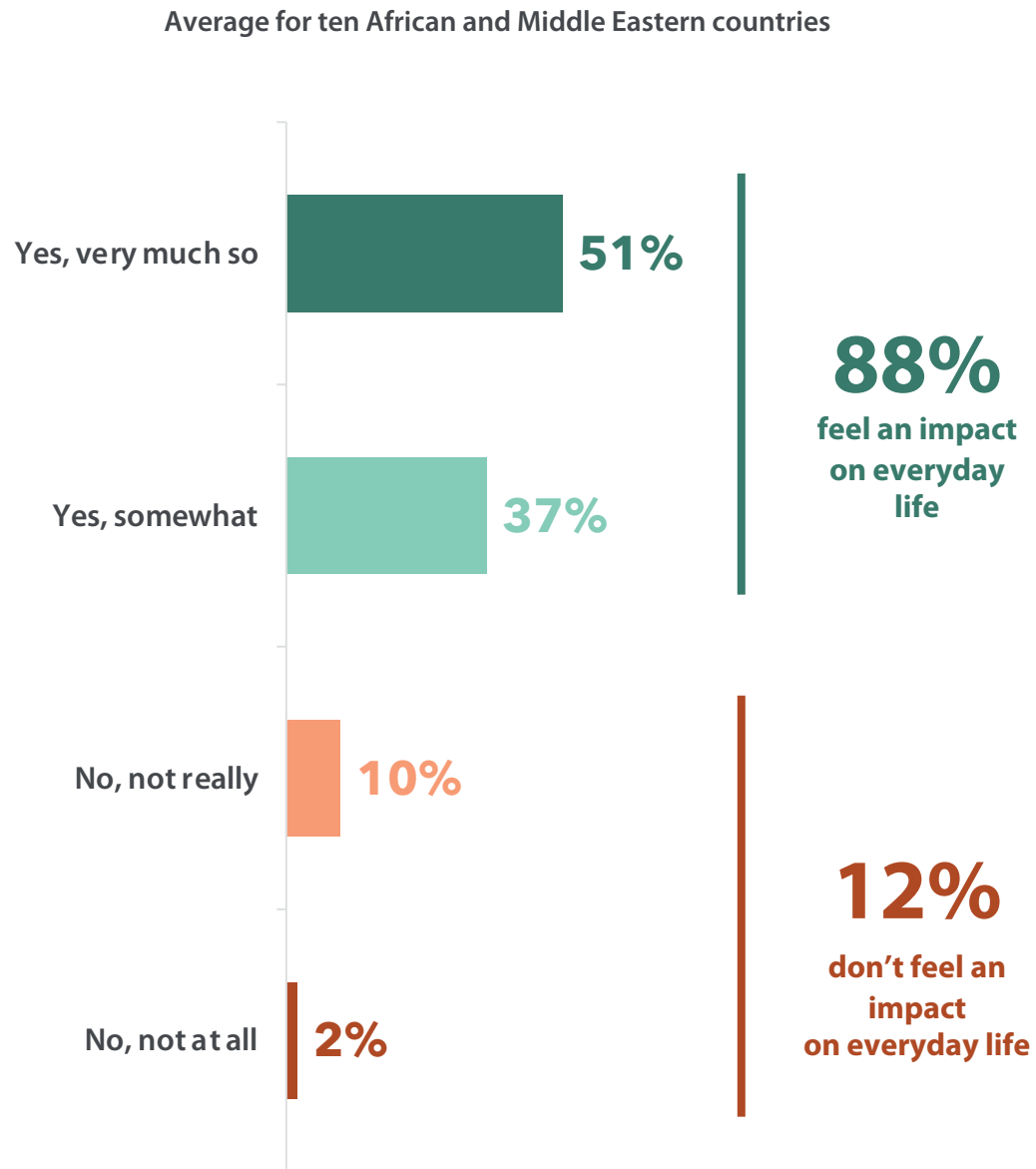
The table below shows the survey's margin of error (at the 95% confidence level) according to the result obtained and the size of the sample.

SAMPLE SIZE	95% CONFIDENCE INTERVAL BY SCORE					
	5% or 95%	10% or 90%	20% or 80%	30% or 70%	40% or 60%	50%
100	4.4	6.0	8.0	9.2	9.8	10.0
200	3.1	4.2	5.7	6.5	6.9	7.1
300	2.5	3.5	4.6	5.3	5.7	5.8
400	2.2	3.0	4.0	4.6	4.9	5.0
500	1.9	2.7	3.6	4.1	4.4	4.5
600	1.8	2.4	3.3	3.7	4.0	4.1
700	1.6	2.3	3.0	3.5	3.7	3.8
800	1.5	2.1	2.8	3.2	3.5	3.5
900	1.4	2.0	2.6	3.0	3.2	3.3
1 000	1.4	1.8	2.5	2.8	3.0	3.1
2 000	1.0	1.3	1.8	2.1	2.2	2.2
3 000	0.8	1.1	1.4	1.6	1.8	1.8
6 000	0.6	0.8	1.1	1.3	1.4	1.4
10 000	0.4	0.6	0.8	0.9	0.9	1.0

Example: For a sample of 1 000 respondents, for a survey percentage of 20%, the margin of error is 2.5. The percentage therefore has a 95% chance of being between 17.5% and 22.5%.

For the vast majority of African and Middle Eastern respondents, climate change is already having an impact on their everyday lives

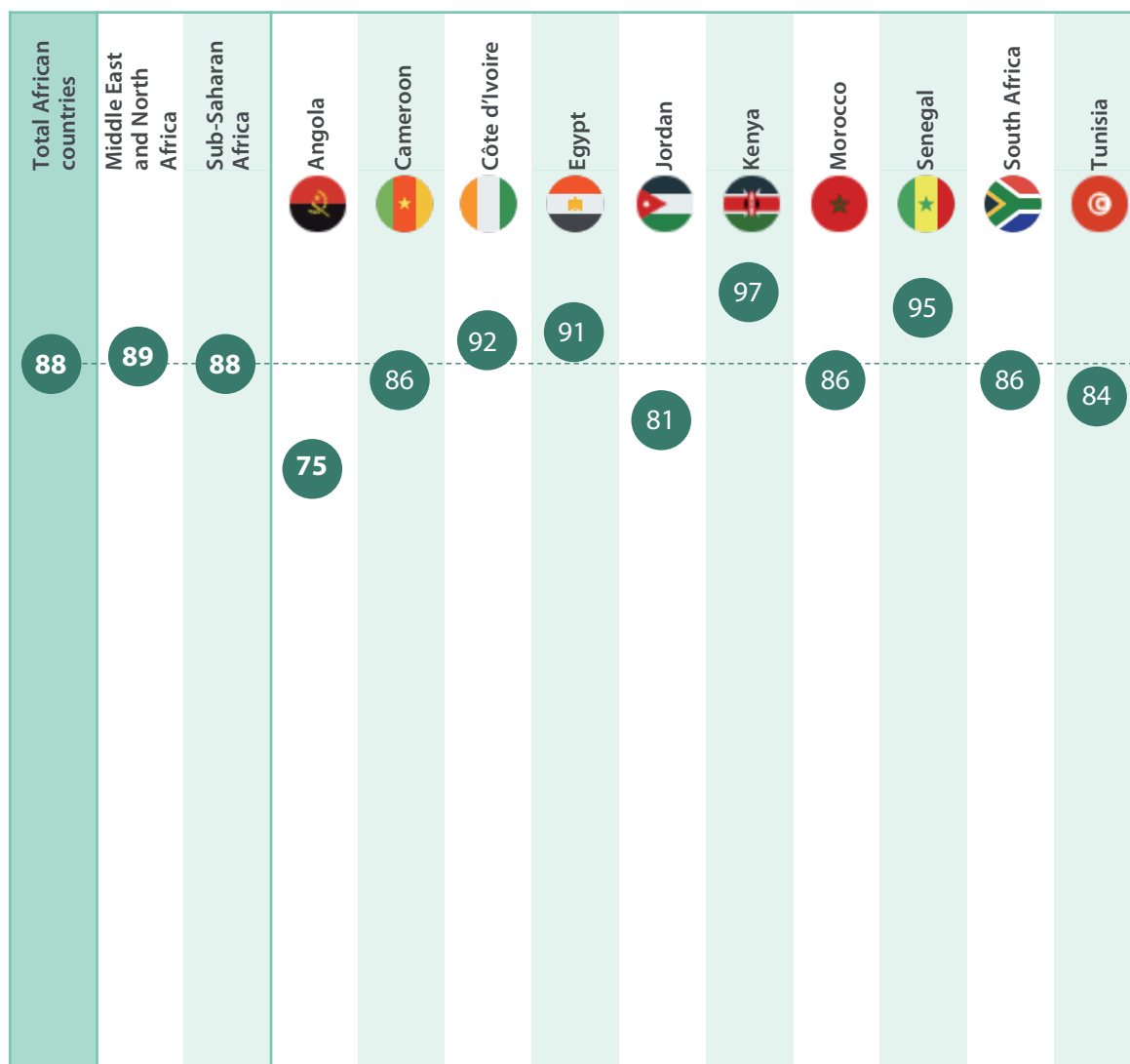
Do you feel that climate change has an impact on your everyday life?



At least three-quarters of respondents in all ten countries agree that climate change is affecting their daily lives

Do you feel that climate change has an impact on your everyday life?

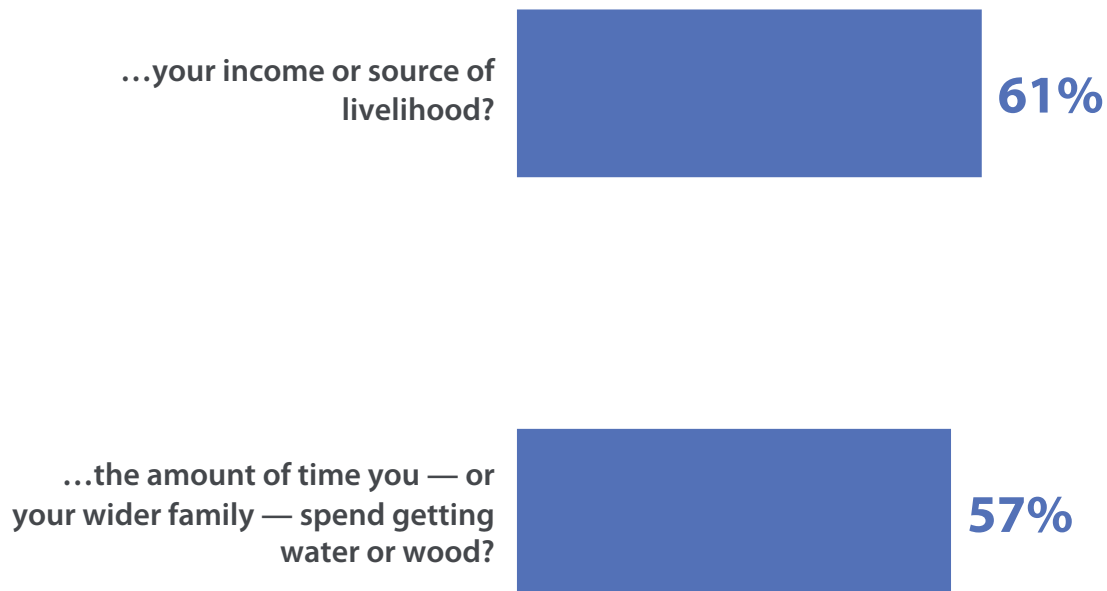
% of respondents who feel that climate change has an impact on their everyday lives



The majority of African and Middle Eastern respondents say that climate change has affected their income, or their access to water and wood

Do climate change and environmental degradation affect...

Average for ten African and Middle Eastern countries

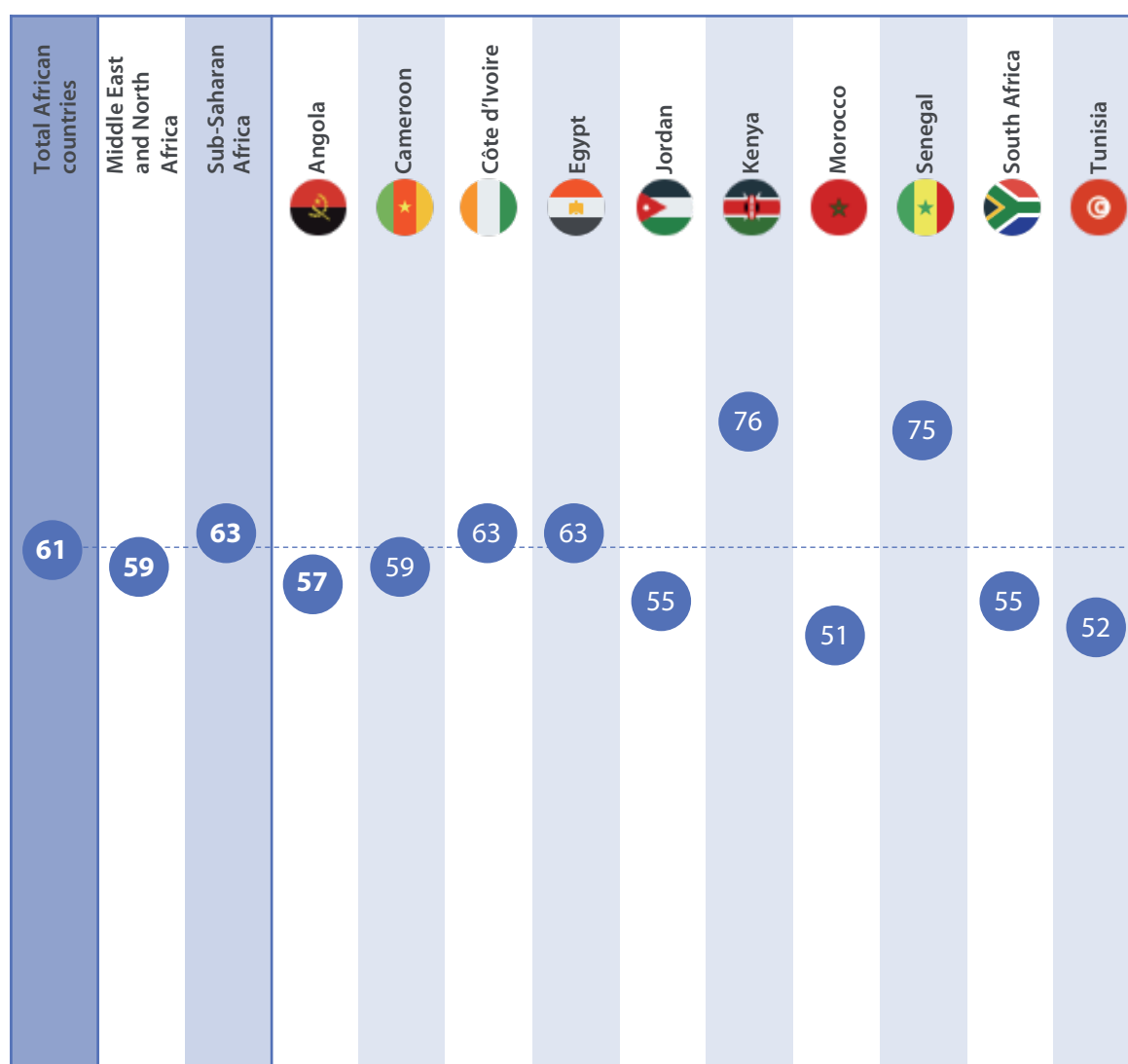


More than half of those surveyed in each country feel the impact of climate change on their income or source of livelihood

Do climate change and environmental degradation affect your income or source of livelihood?



% who say that climate change and environmental degradation affect their income and source of livelihood

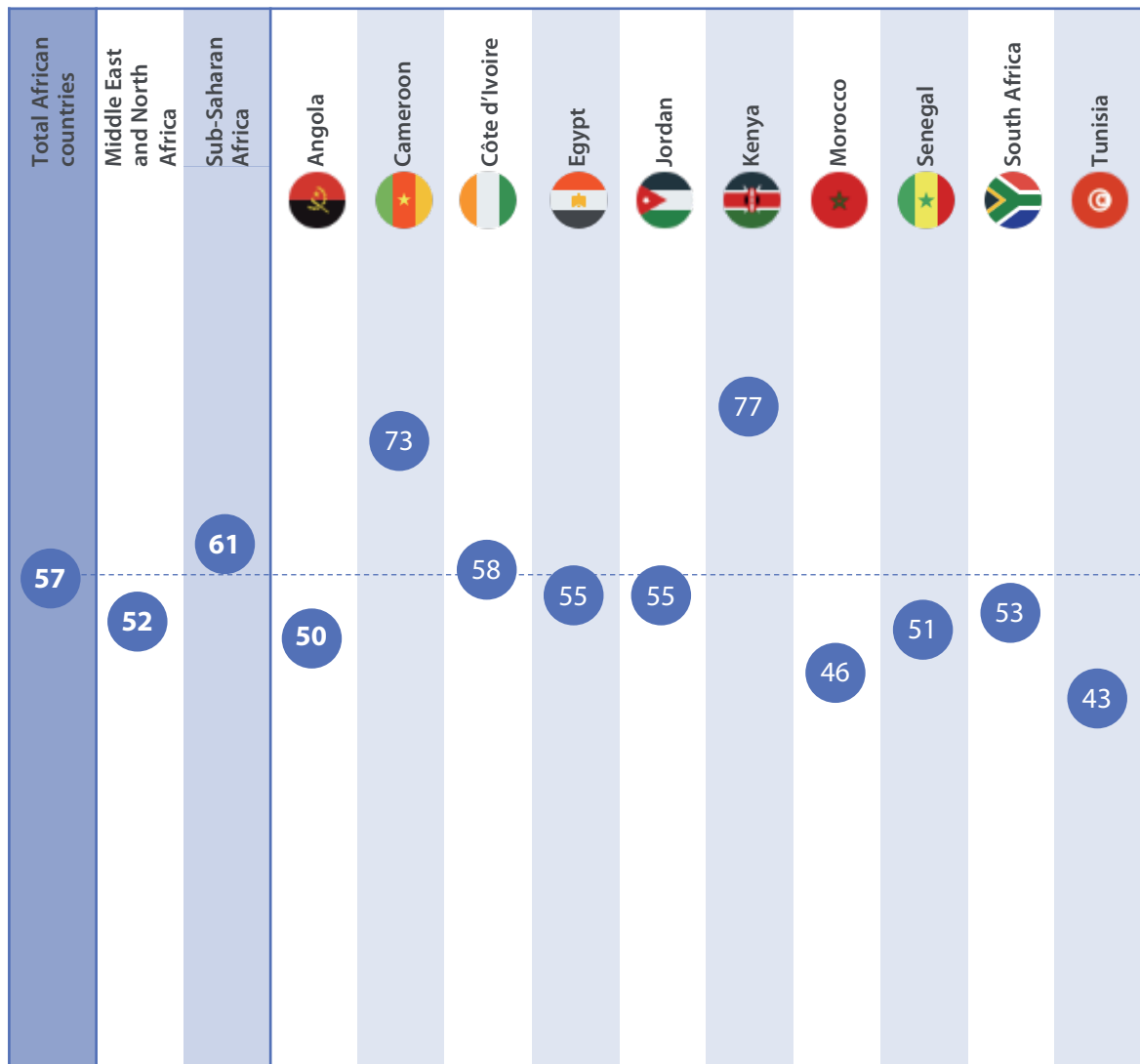


Access to wood and water appears to be severely impacted by climate change in Kenya and Cameroon

Do climate change and environmental degradation affect the amount of time you or your family spend getting water or wood?



% who say that climate change and environmental degradation affect the amount of time they spend getting water or wood



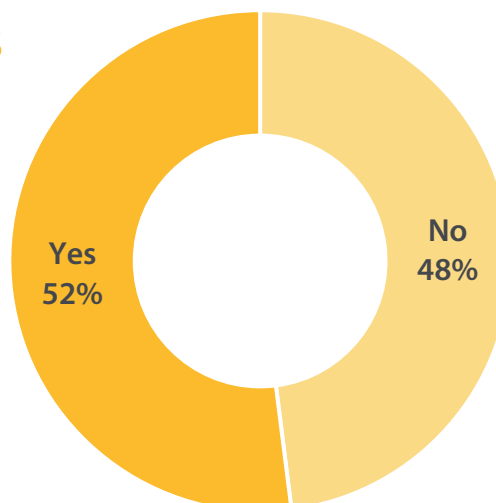
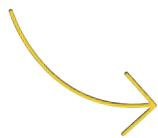
Climate change has caused losses for over half of respondents in Africa and the Middle East

Have you or your family already incurred losses due to climate change (for example, because of droughts, sea rise/coastal erosion, extreme weather events such as floods, hurricanes, etc.)?

Average for ten African and Middle Eastern countries

52%

Have already
incurred losses
due to climate
change

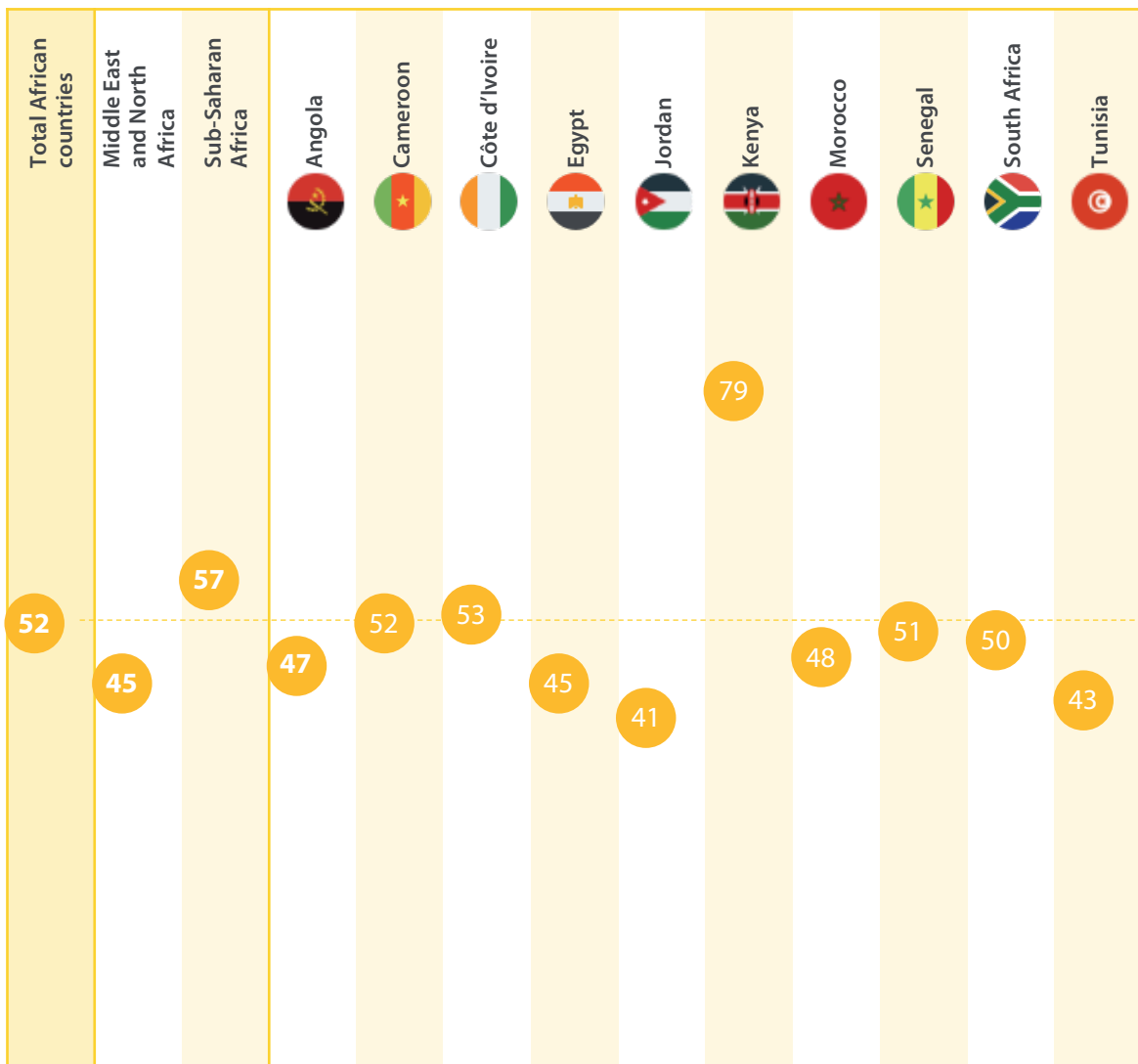


Respondents in sub-Saharan countries are more likely to incur losses due to climate change

Have you or your family already incurred losses due to climate change (for example, because of droughts, sea rise/coastal erosion, extreme weather events such as floods, hurricanes, etc.)?



% who have incurred losses due to climate change



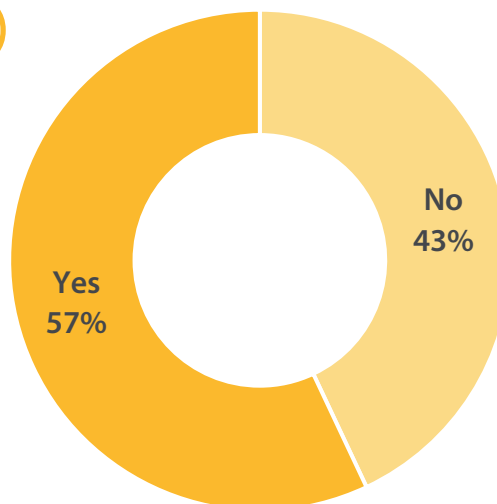
Just over half of those interviewed in Africa and the Middle East claim to be taking action to adapt to climate change

Have you or anyone you know taken any action to adapt to the impacts of climate change? (For example, action to reduce the impact of future floods or drought; investments in water saving technologies to reduce the impact of drought; or drain clearing in advance of flooding.)

Average for ten African and Middle Eastern countries

57%

have (or know someone who has) taken action to adapt to climate change

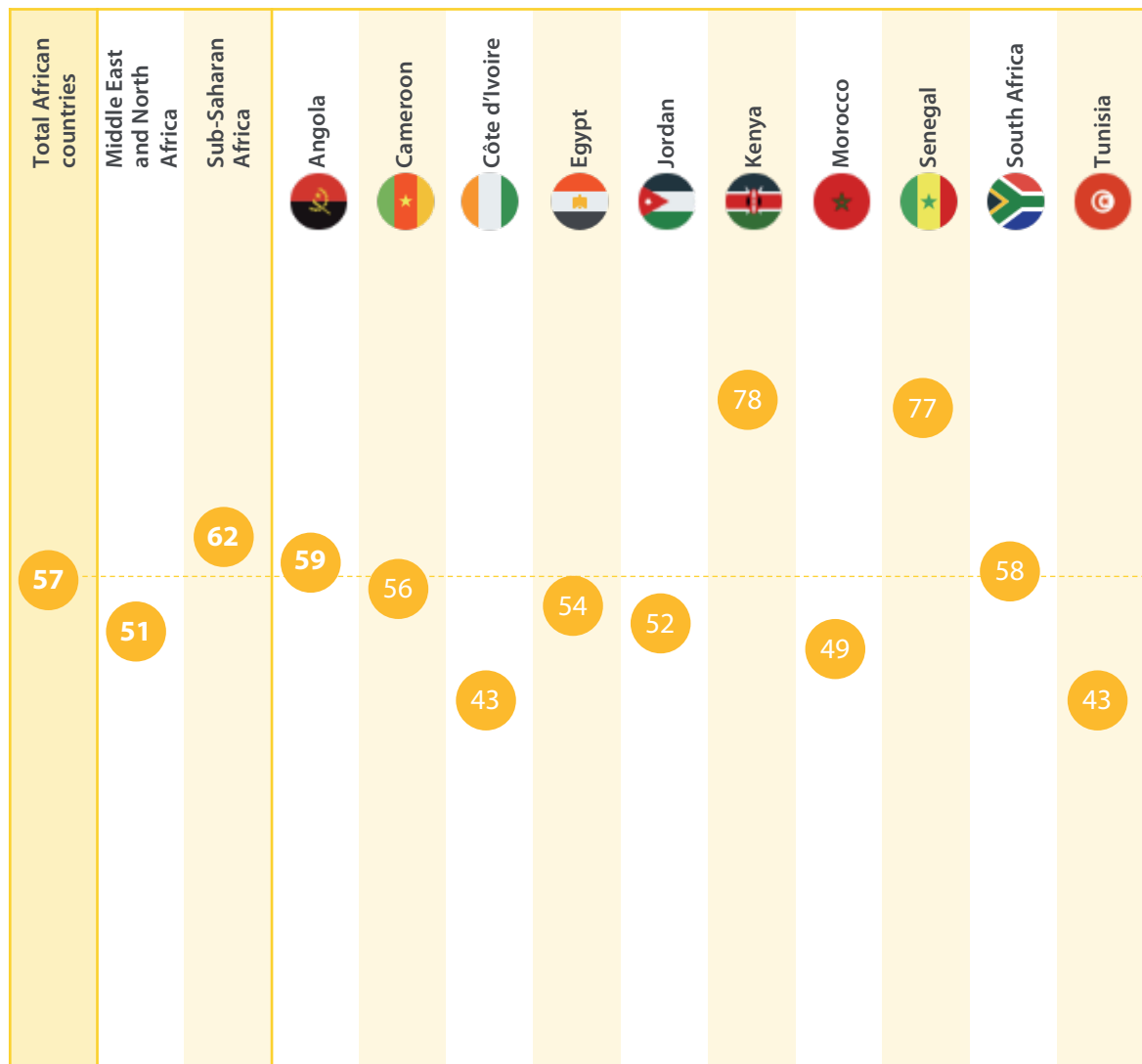


People in Kenya and Senegal are the most likely to take steps to adapt to climate change

Have you or anyone you know taken any action to adapt to the impacts of climate change? (For example, action to reduce the impact of future floods or drought; investments in water saving technologies to reduce the impact of drought; or drain clearing in advance of flooding.)



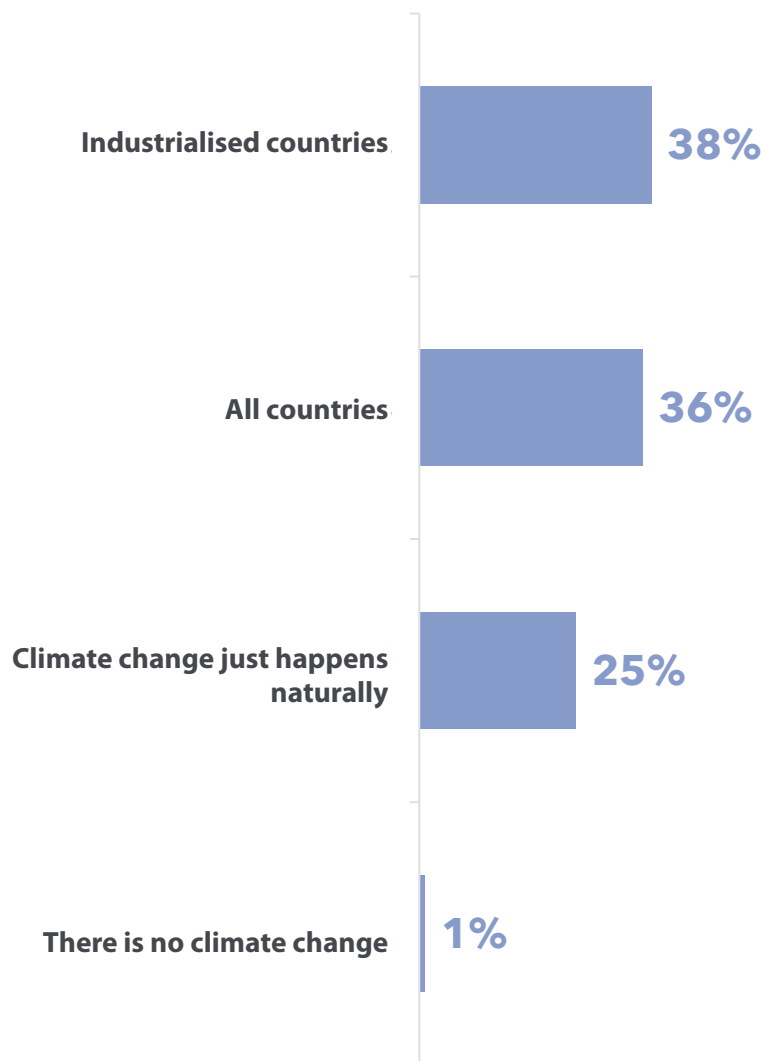
% who have (or know someone who has) taken action to adapt to the impacts of climate change

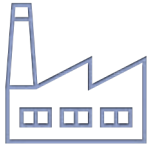


Those interviewed in Africa and the Middle East are divided over who is most responsible for climate change

Who do you think is responsible for climate change?

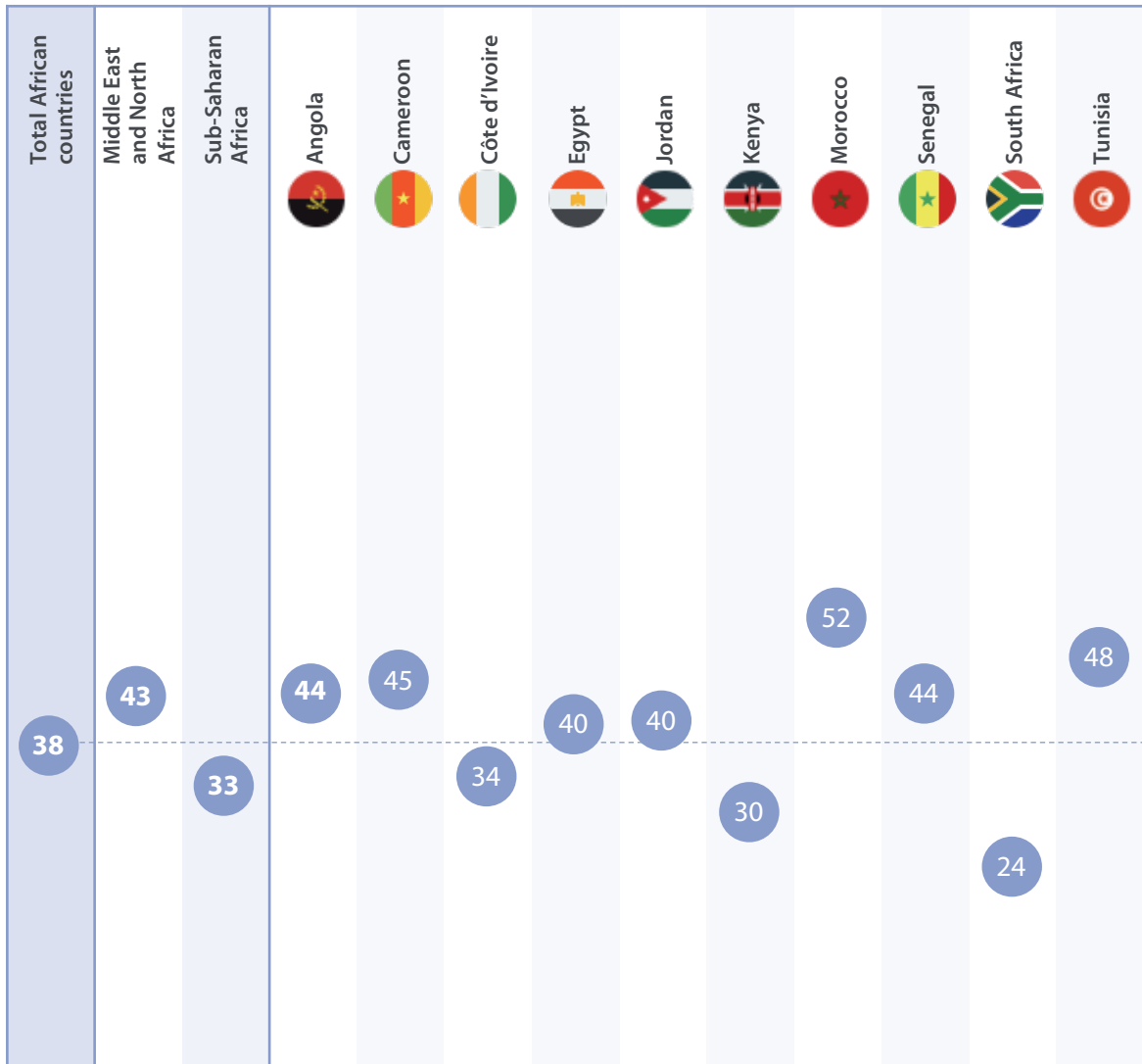
Average for ten African and Middle Eastern countries

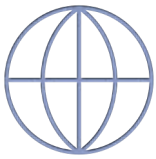




% who think that industrialised countries are responsible for climate change

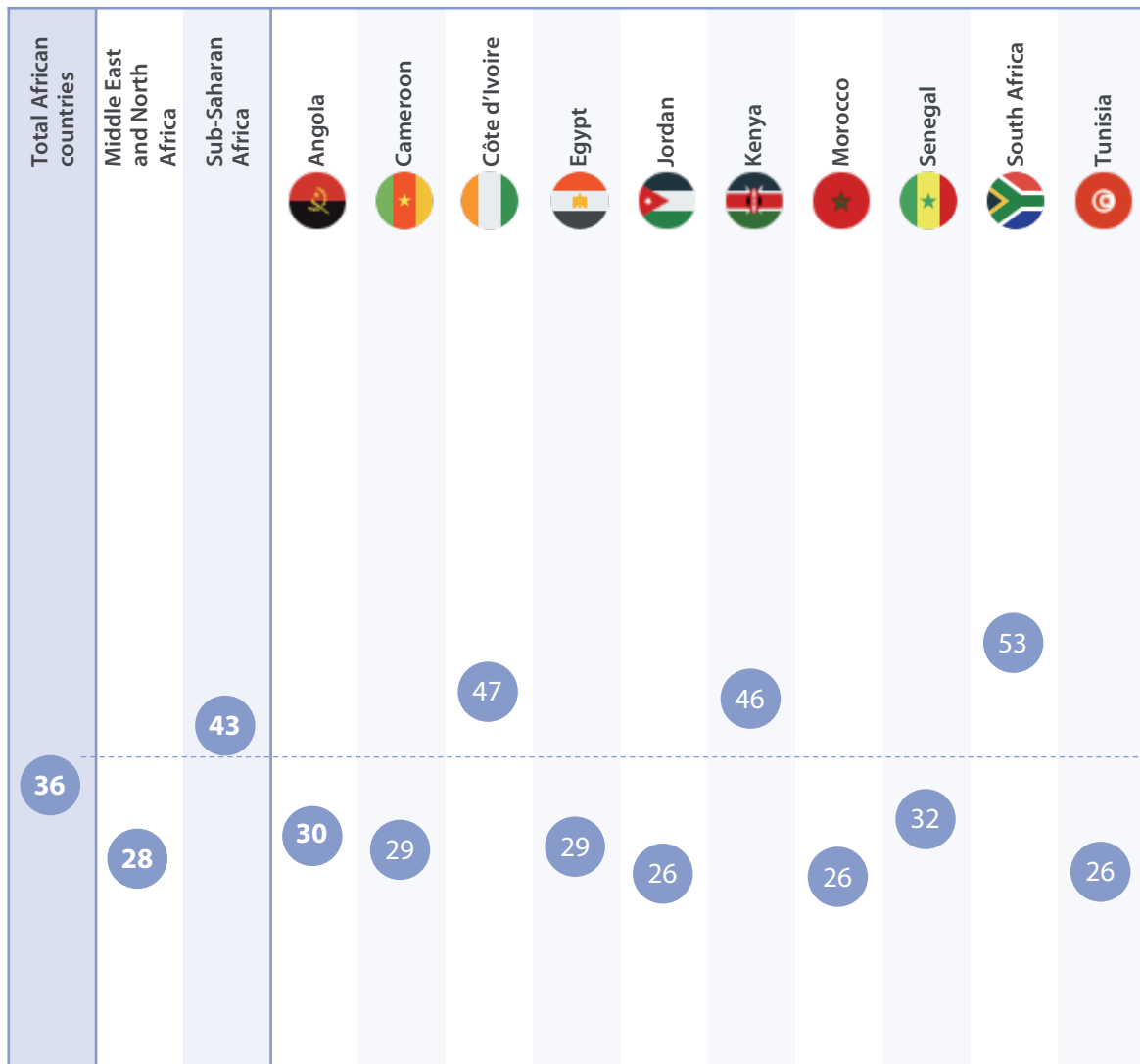
Who do you think is responsible for climate change?





% who think that all countries are responsible for climate change

Who do you think is responsible for climate change?

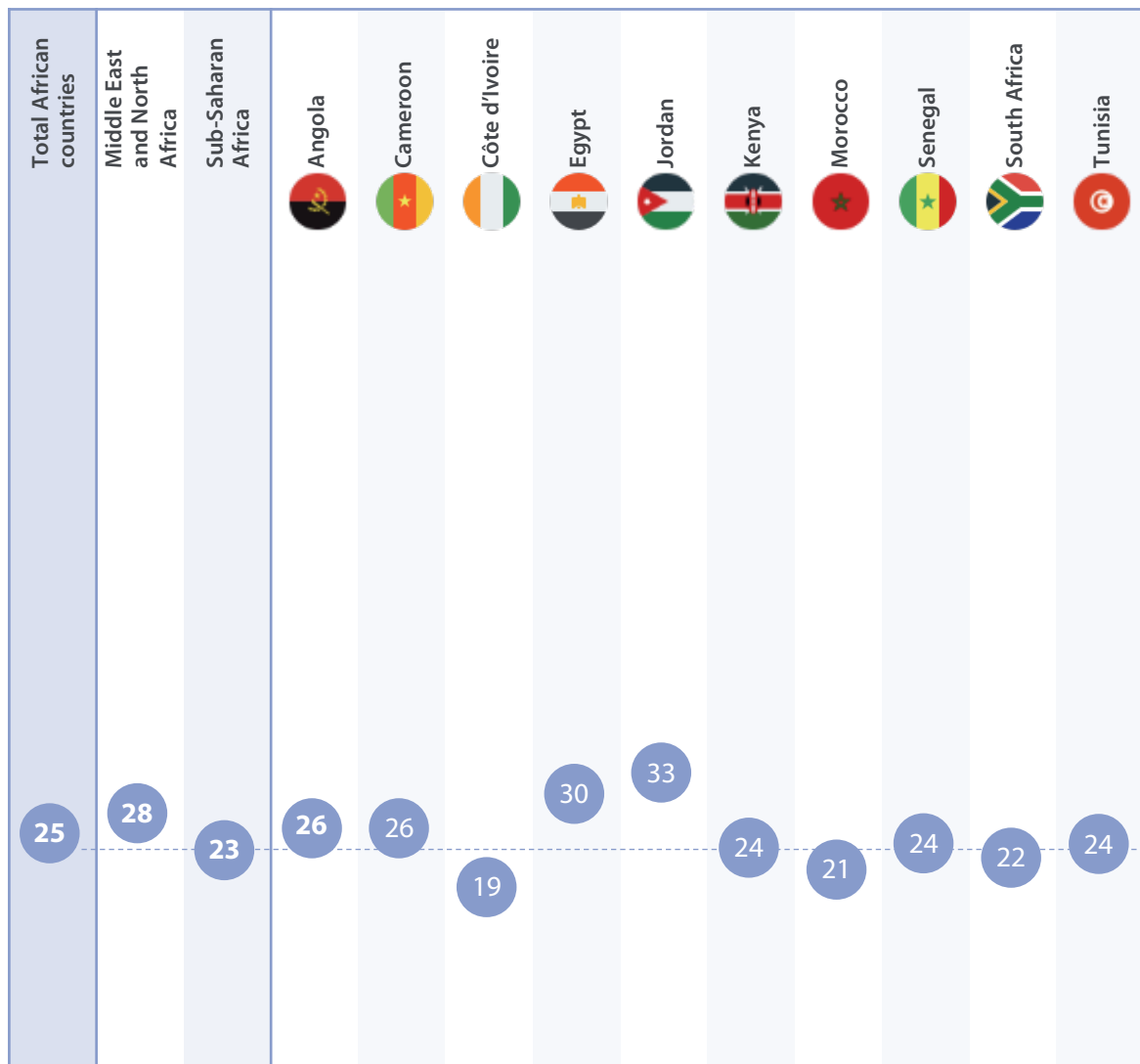


About a quarter of the people interviewed share the view that climate change occurs naturally

Who do you think is responsible for climate change?



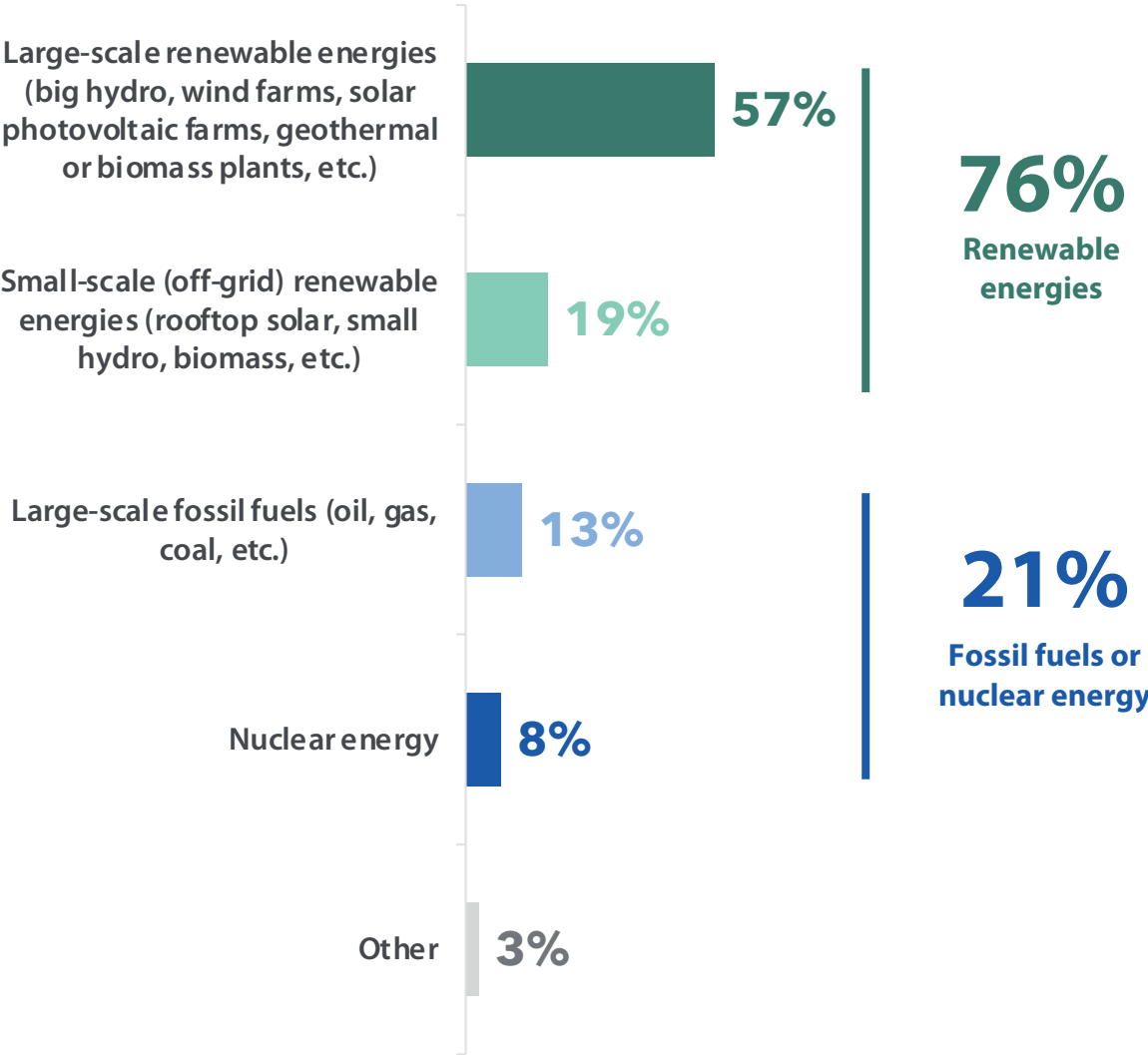
% who think that climate change just happens naturally



Three-quarters of respondents in Africa and the Middle East agree that their countries should focus on developing renewable energy

In which source of energy should your country invest as a priority moving forward?

Average for ten African and Middle Eastern countries

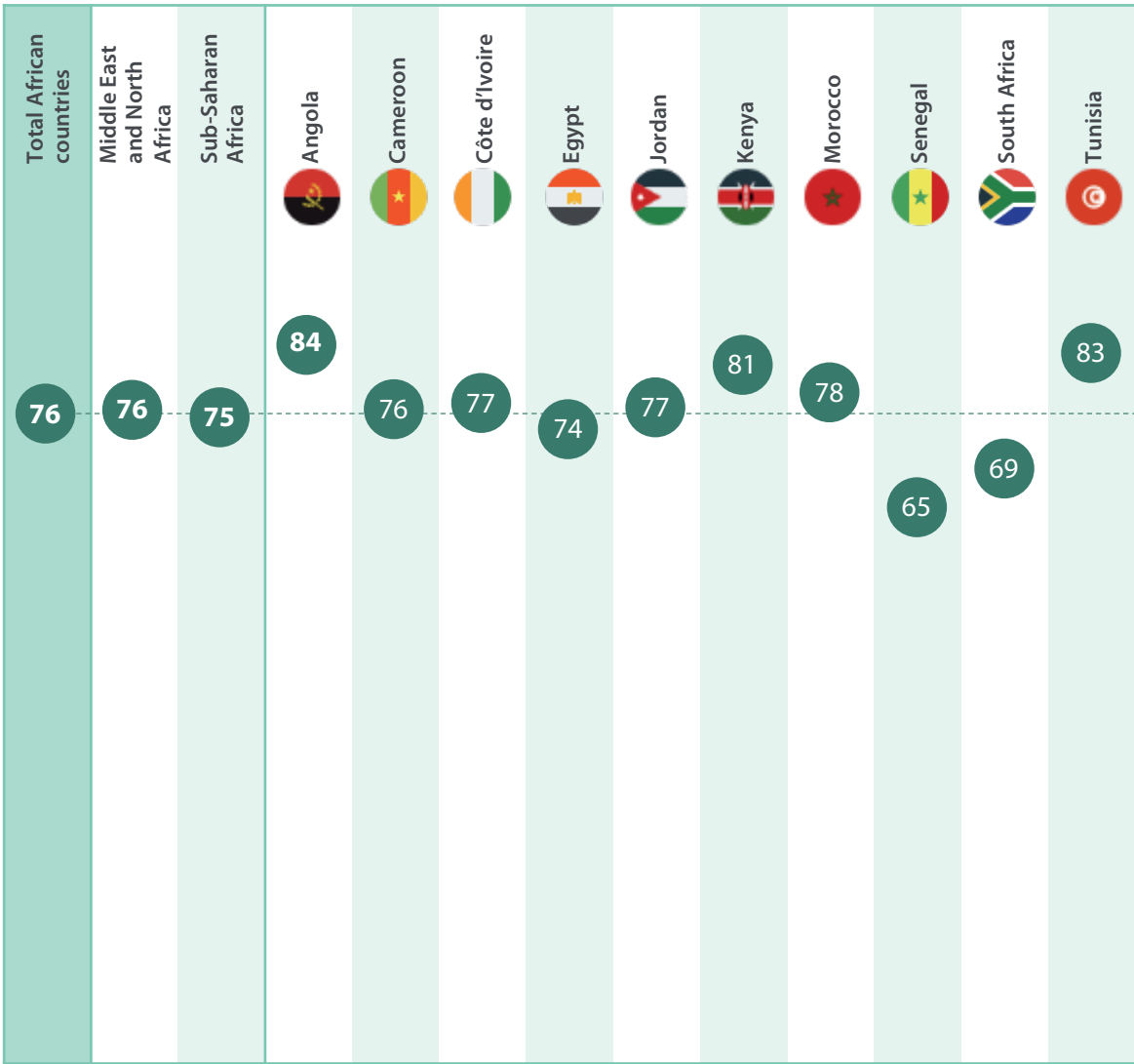


The vast majority of people in the countries studied welcome the development of renewable energy

In which source of energy should your country invest as a priority moving forward?



% who think their country should invest in renewable energy as a priority



Fifth edition — 2022-2023

THE EIB CLIMATE SURVEY

AFRICA AND THE MIDDLE EAST

