DYNAMICA PLANET



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KEYS – A WEBINAR SERIES BY IPSOS

22nd April 2021

GAME CHANGERS



AGENDA

INTRODUCTION Jennifer Hubber

Head of Ipsos Global Client Organisation

GREEN PLANET

Simon Atkinson Chief Knowledge Officer, Ipsos

EMPTY PLANET

Darrell Bricker Global Service Line Leader, Public Affairs, Ipsos

MOBILE PLANET

Peter Otto

Chief Client Director, Ipsos

SPOTLIGHT ON LATIN AMERICA

Ana Maria Leyva Chief Client Officer, LATAM, Ipsos



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GREEN PLANET?

KEYS – A WEBINAR SERIES BY IPSOS

Simon Atkinson Chief Knowledge Officer

GAME CHANGERS





STARTING POINT: HEADING FOR DISASTER?



80% globally say we are heading for environmental disaster unless we change our habits quickly



STARTING POINT: CLIMATE CHANGE IS ALREADY HERE



Just 1 in 25 of us know that all of the last six years were among the hottest on record



STARTING POINT: ACTION NEEDED BY GOVERNMENTS

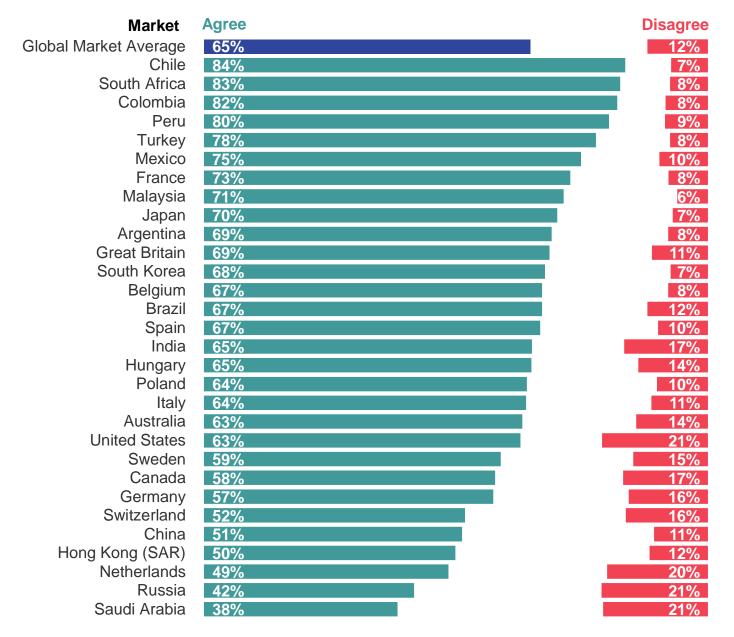


31% agree their government has a clear plan in place for how government, businesses and people are going to work together to tackle climate change



65% agree

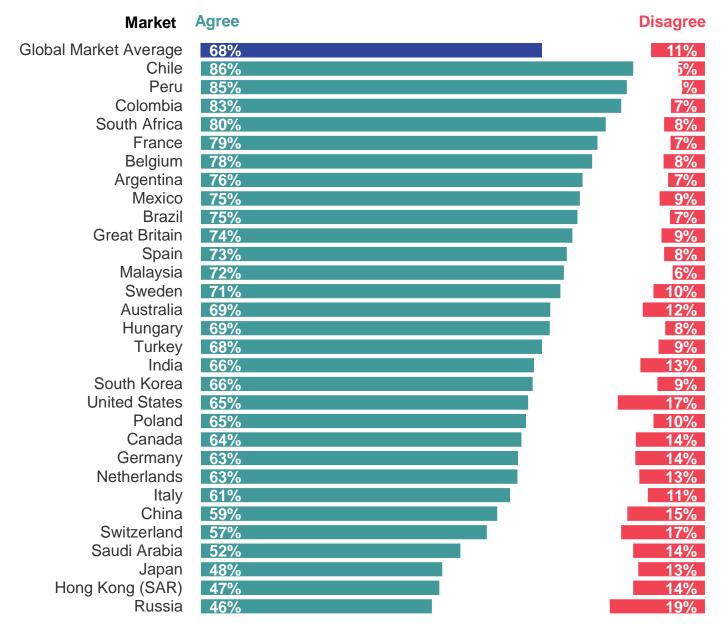
"Governments will be failing citizens if they don't act now on climate change"





68% agree

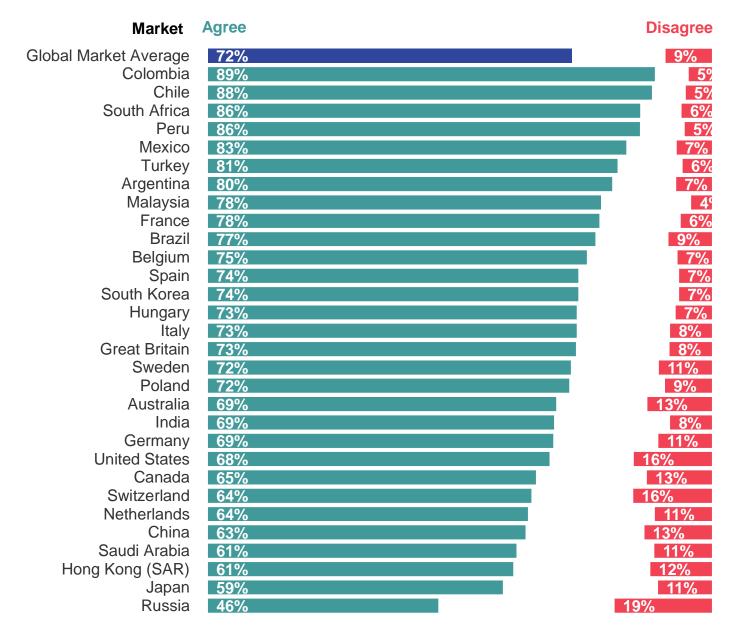
"Businesses will be failing their employees and customers if they don't act now on climate change"





72% agree

"If individuals like me do not act now to combat climate change, we will be failing future generations"





WHERE WE ARE TODAY: THE ENVIRONMENT IN CONTEXT



Q: Which 2 or 3 topics do you find most worrying in your country?



Climate Change #9

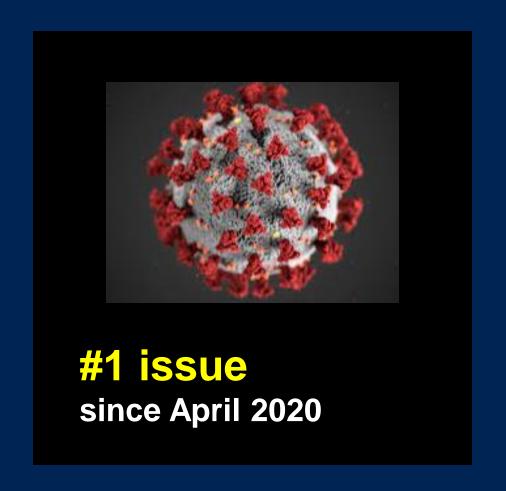
Threats against environment #13



CORONAVIRUS CRISIS DOMINATES THE SCENE



Q: Which 2 or 3 topics do you find most worrying in your country?



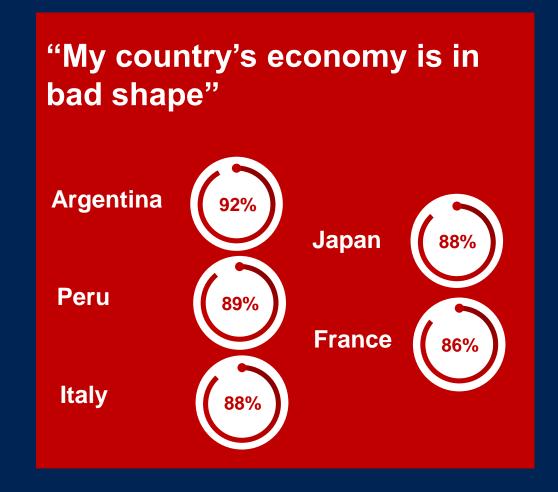


AN ECONOMIC CRISIS AS WELL AS A HEALTH CRISIS

CONSUMER & SHOPPER - 20 April 2021

Global consumer confidence reaches new pandemic high



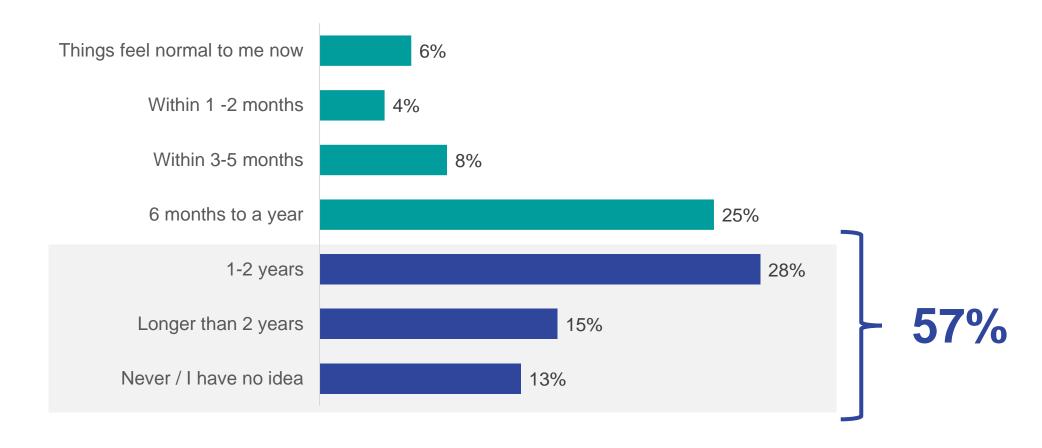


Results for 24 markets here



A PERSONAL CRISIS: WILL THINGS EVER GET BACK TO NORMAL?

Timeline to Normalcy: April 2021



Q: How long do you think it will take before things feel like they are getting back to normal? Base: Global Country Average:14511







A Global Market Average of 7 in 10 agree:

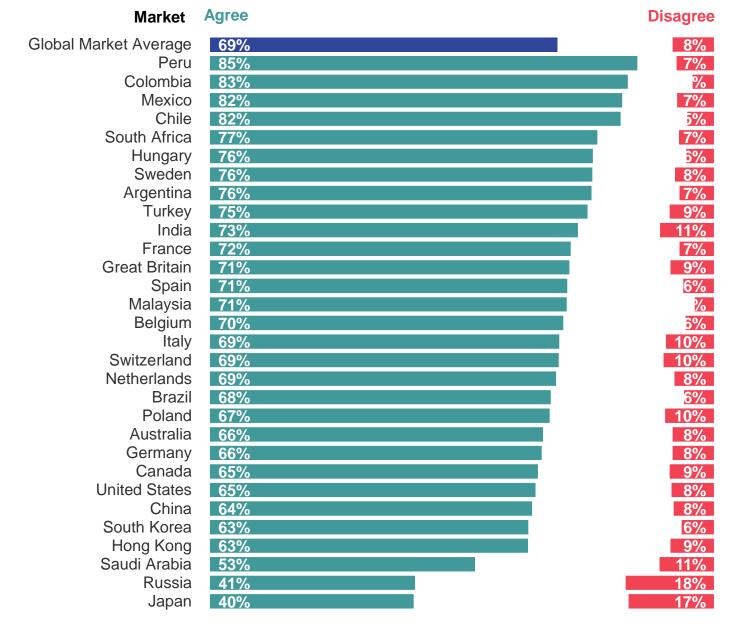
"I understand what action I need to take to play my part in tackling climate change."



Q.

To what extent do you agree or disagree with the following: I understand what action I need to take to play my part in tackling climate change

In almost every market, a majority agree they understand what action they need to take to tackle climate change.







A Global Market Average of 7 in 10 agree:

"I understand what action I need to take to play my part in tackling climate change."

But do we really?



PERILS OF PERCEPTION

Our understanding vs
The reality...

April 2021



GAME CHANGERS



Here is a list of "green" actions

Which three do you think would most reduce the greenhouse gas emissions of an individual living in one of the world's richer countries?





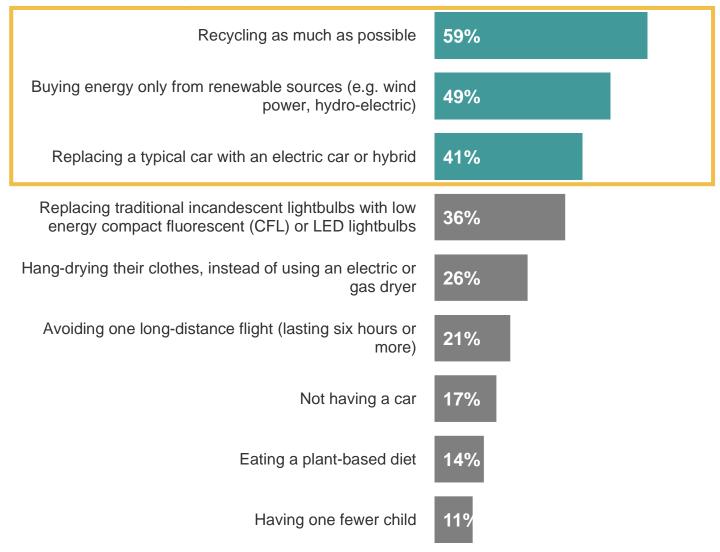
Q.

From this list of options, which three do you think would most reduce the greenhouse gas emissions of an individual living in one of the world's richer countries?

Respondents' choice:

- 1. Recycling
- 2. Renewable energy
- 3. Electric or hybrid car

Global Market Average



Base: 21,011 online adults aged 16-74 across 30 markets, 19 Feb - 5 Mar 2021



^{*}Source: Institute of Physics, 2017. The most effective individual steps to tackle climate change aren't being discussed. Available here: https://phys.org/news/2017-07-effective-individual-tackle-climate-discussed.html

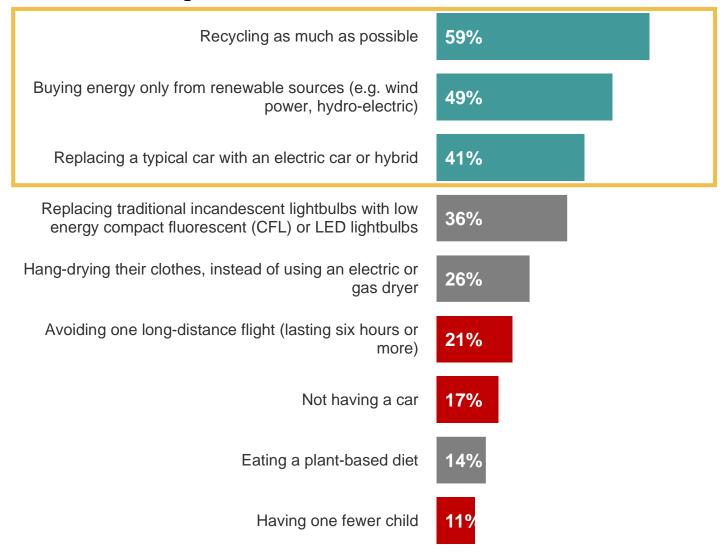
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From this list of options, which three do you think would most reduce the greenhouse gas emissions of an individual living in one of the world's richer countries?

Reality:

- 1. (Even) fewer children
- 2. No car at all
- 3. Avoiding long haul flights

G	Blobal Market Average		ı	Actual rank	saved (tonnes)
	Having one fewer child	11%		1	58.6*
	Not having a car	17%		2	2.4
	Avoiding one long-distance flight (lasting six hours or more)	21%		3	1.6
•	Buying energy only from renewable sources (e.g. wind power, hydro-electric)	49%		4	1.5
	Replacing a typical car with an electric car or hybrid	41%		5	1.1
	Eating a plant-based diet	14%		6	0.8
	Recycling as much as possible	59%		7	0.2
	Hang-drying their clothes, instead of using an electric or gas dryer	26%		8	0.2
	Replacing traditional incandescent lightbulbs with low energy compact fluorescent (CFL) or LED lightbulbs	36%		9	0.1

Base: 21,011 online adults aged 16-74 across 30 markets, 19 Feb – 5 Mar 2021

NB: Emissions saved from having one fewer child is calculated by quantifying future emissions of descendants based on historical rates, based on heredity



CO

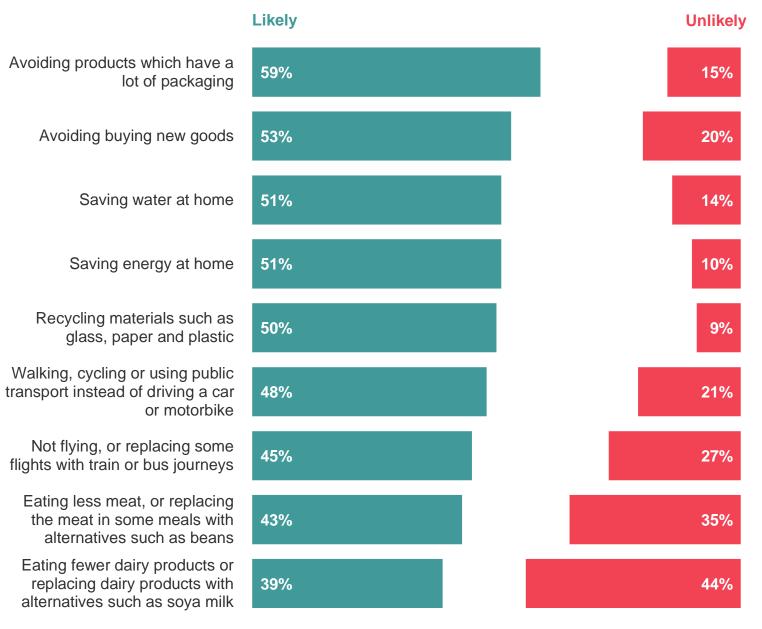
^{*}Source: Institute of Physics, 2017. The most effective individual steps to tackle climate change aren't being discussed. Available here: https://phys.org/news/2017-07-effective-individual-tackle-climate-discussed.html



climate change?

Many feel they are likely to take action in 2021

Q. Thinking about things you might do in order to limit your own contribution to climate change, how likely or unlikely would you be to make the following changes within the next year?





Many feel they are likely to take action in 2021, though "lower impact actions" are more popular than higher impact actions

Q. Thinking about things you might do in order to limit your own contribution to climate change, how likely or unlikely would you be to make the following changes within the next year?

	Likely	Unlikely
Avoiding products which have a lot of packaging	59%	15%
Avoiding buying new goods	53%	20%
Saving water at home	51%	14%
Saving energy at home	51%	10%
Recycling materials such as glass, paper and plastic	50%	9%
Walking, cycling or using public transport instead of driving a car or motorbike	48%	21%
Not flying, or replacing some flights with train or bus journeys	45%	27%
Eating less meat, or replacing the meat in some meals with alternatives such as beans	43%	35%
Eating fewer dairy products or replacing dairy products with alternatives such as soya milk	39%	44%



EARTH DAY 2021: WHERE ARE WE?

Consensus that we need to take action on climate change

Expectation for governments, businesses and individuals to act together

Underestimation of the most impactful climate actions we as individuals can take



Earth Day results <u>here</u>
Perils of Perception analysis <u>here</u>

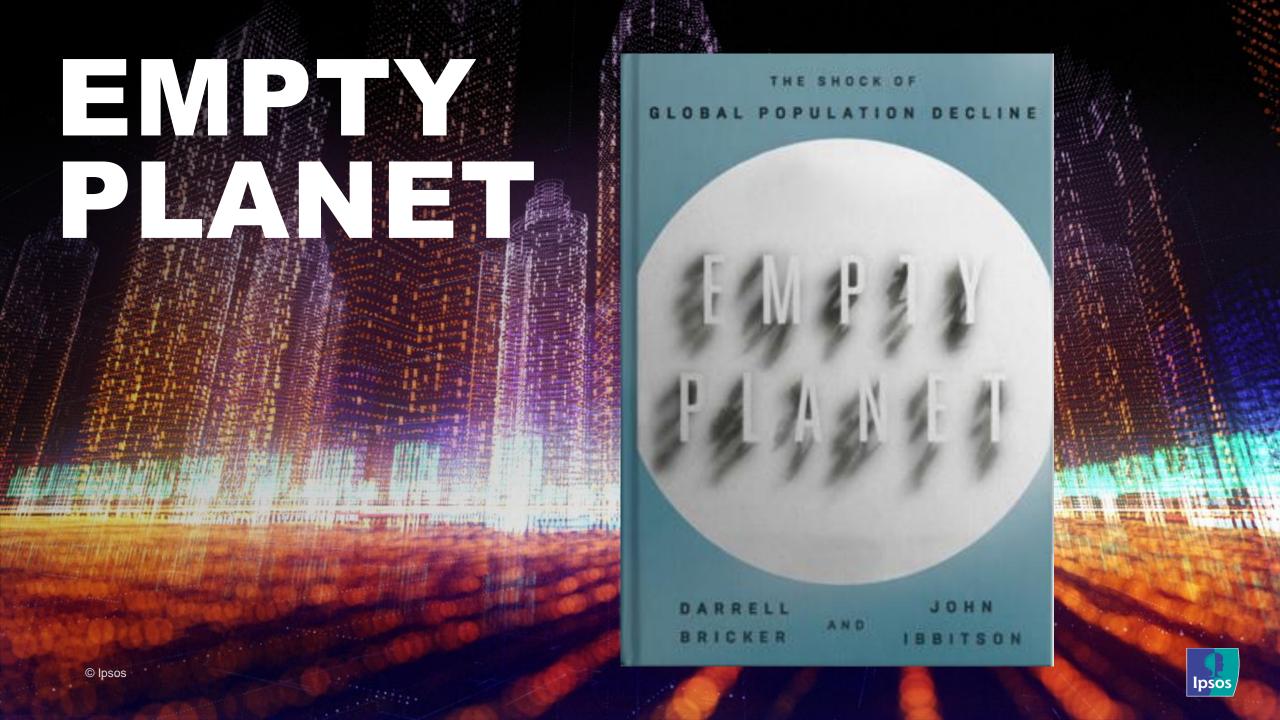


EARTH DAY 2021: CHALLENGING OUR PRECONCEPTIONS



Take the **Quiz!**

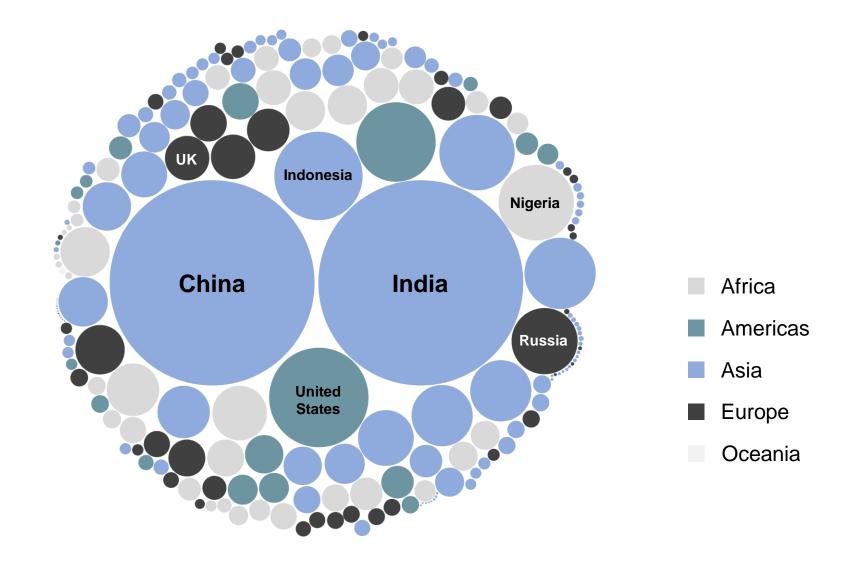








COUNTRIES BY POPULATION SIZE





TOP 10 COUNTRIES BY POPULATION

2017

China	1.40B
India	1.38B
U.S.	325M
Indonesia	258M
Pakistan	214M
Brazil	212M
Nigeria	206M
Bangladesh	157M
Russia	146M
Japan	128M

2100

India	1.09B	→ 290M
Nigeria	791M	↑ 585M
China	732M	→ 668M
USA	336M	↑ 11M
Pakistan	248M	↑ 34M
DR Congo	246M	↑ 165M
Indonesia	229M	↓ 29M
Ethiopia	223M	↑ 120M
Egypt	119M	↑ 103M
Tanzania	186M	↑ 132M



KEY DEMOGRAPHIC FORCES





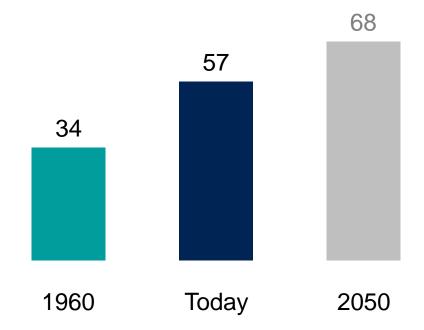






THE BIGGEST MIGRATION

% of the World's Population Living in Urban Areas





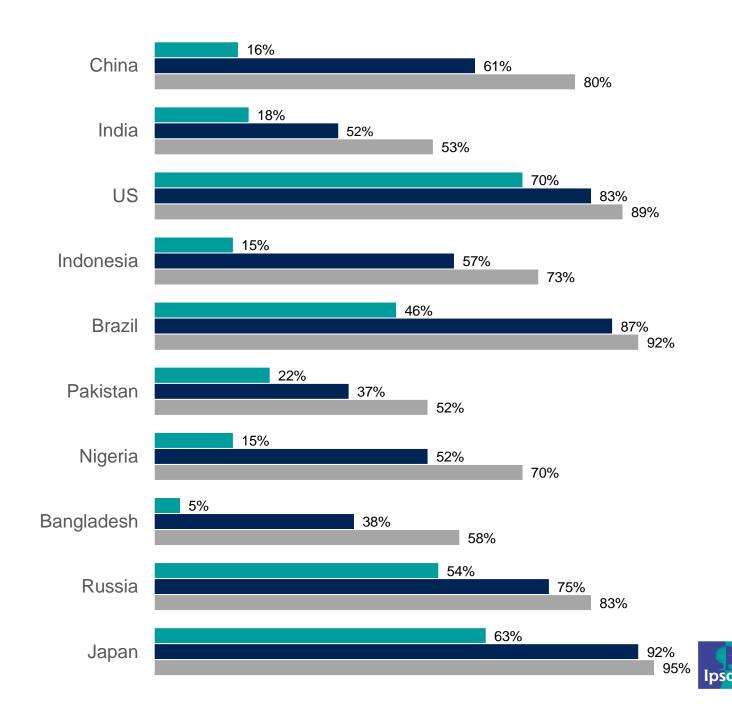
URBANIZATION

10 most populous countries

1960 **- 34%**

Today – **57%**

2050 **- 68%**



FERTILITY © lpsos

THE MAGIC NUMBER





FERTILITY WILL CONTINUE TO DECLINE...

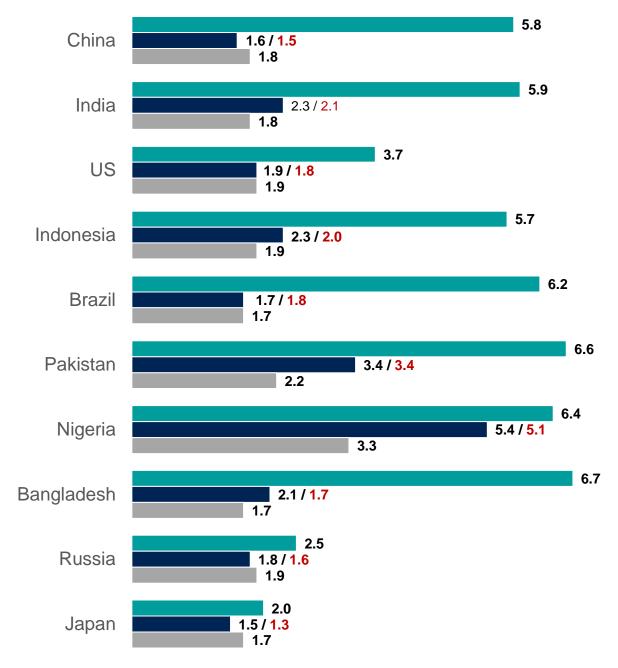
10 most populous countries

5.2 avg. 1960

2.4 avg. Today

2.3*

2.2 avg. 2050







WHY IS FERTILITY DECLINING?

- Urbanization
- **Empowerment** of women
- Changing culture
- Success of Government/ NGO programs
- Gender and age structure of population





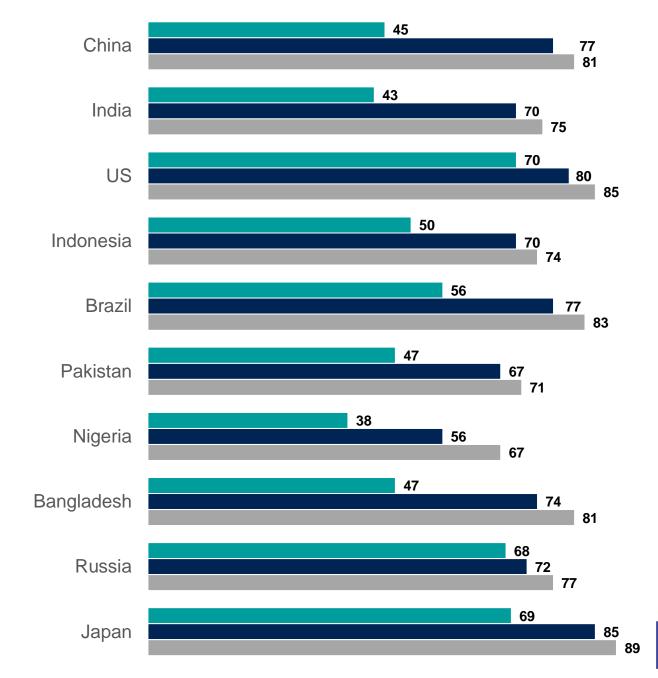
LIFE EXPECTANCY

10 most populous countries

51 avg. 1960

73 avg. Today

77 avg. 2050









WORLD WILL GROW FEWER

Which Means...

- Global Population Bust.
 - Reach 8-9 billion by 2050-60, then start to decline.
 - End of century, population size like 2020's.
- Not good, not bad, but important.
- Reduces denominators.

- Growth more from ageing and immigration than fertility.
- Dramatic shift in population structure.
 - Older with diminishing fertility.
 - Smaller families.
 - Geographic shift.



COVID-19

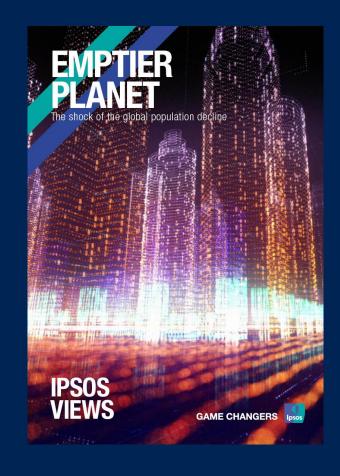
Impact on key demographics

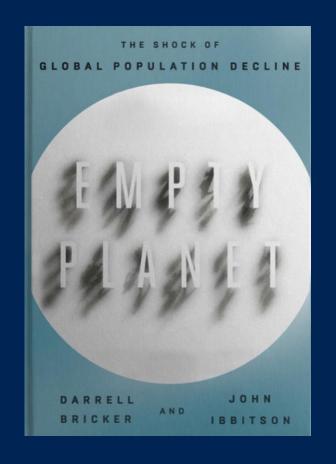
- Depressed fertility rates
- Disrupted immigration
- Excessive death among elderly
- Outmigration from major cities (temporary?)



THANK YOU

Contact: Darrell.Bricker@lpsos.com









FUTURE OF MOBILITY





CURRENT STATE OF MOBILITY, IS A STATE OF IMMOBILITY





















THE CURRENT STATUS OF IMMOBILITY

Urban mobility in Top cities around the world are currently at → 36 cities avg 40% of their Pre-Covid mobility levels -- Amsterdam Movement as a percentage of business as usual 140% -- Istanbul **L**ondon 120% Madrid 100% Mexico City **→** Milan 80% -Moscow 60% —New York City **→**Paris 40% ---San Francisco 20% → Singapore Sao Paulo Early March 2020 Till mid of April 2021



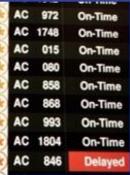
Source: Citymapper

ALSO MY PERSONAL MOBILITY HAS CHANGED





Grand Cayman	09:15	
Havana	16:20	
Hong Kong	09:55	
Lima	16:30	
London/LHR	23:00	
London/LHR	08:35	
Mexico City	08:35	
Montego Bay	09:00	
Munich	22:20	









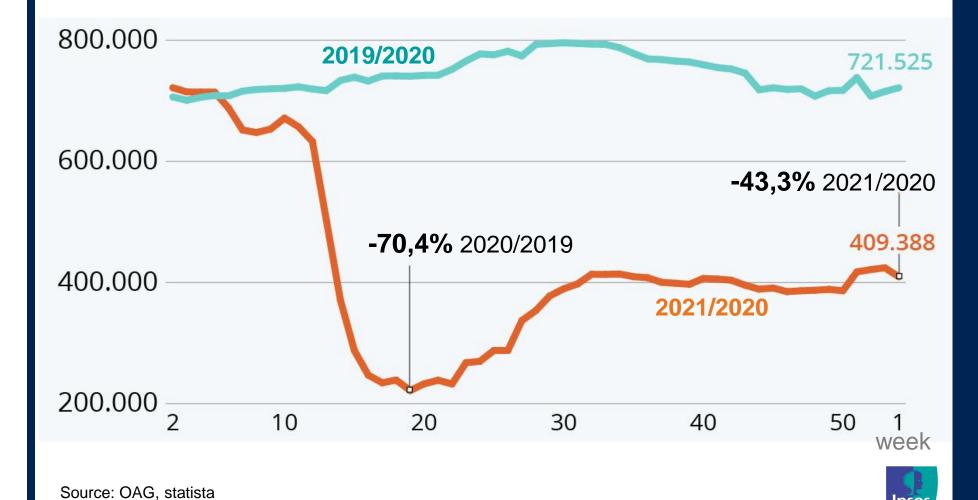




#1 IMMOBILITY

GLOBAL AIR TRAFFIC FAR AWAY FROM RECOVERY

Number of planned departures of regular flights



#1 IMMOBILITY

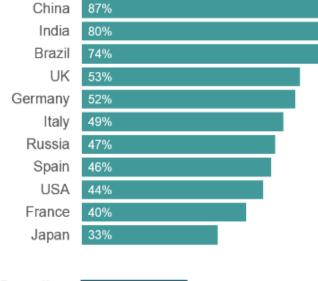
#2 DIGITAL PURCHASE

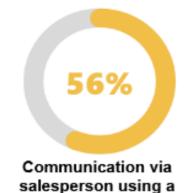
CAR PURCHASES ARE BECOMING DIGITAL

Customers made the switch and Automotive brands now follow

Interest in purchasing / leasing vehicle entirely online







video chat approach



Source: Ipsos Navigator

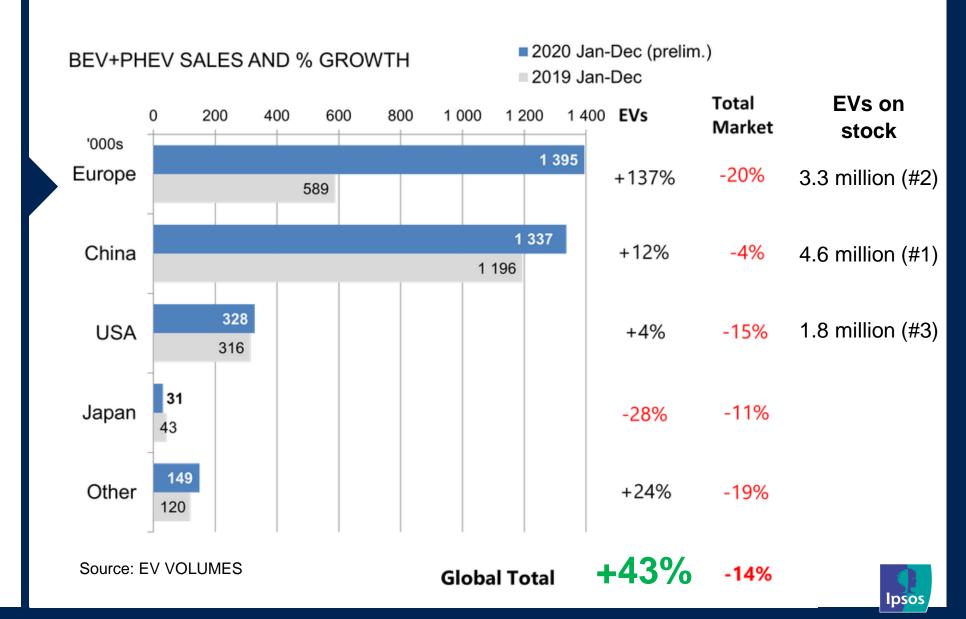


#1 IMMOBILITY

#2 DIGITAL PURCHASE

#3 ELECTRIFICATION

CAR SALES WERE DOWN - BUT EVS ARE UP



#1 IMMOBILITY

#2 DIGITAL PURCHASE

#3 ELECTRIFICATION

#4 CONNECTIVITY before AUTONOMOUS

FROM TRADITIONAL AUTO TOWARDS TECH

Only 1/3

of new car buyers would consider a

FULLY AUTONOMOUS VEHICLE.

Men under the age of 40 years, who live in a **large** metropolitan area as well as **long-term commuters** show the highest interest in self-driving functions.

But **safety** remains the first barrier to adoption.

While today the interest in most **CONNECTIVITY FEATURES** is high.

Source: Ipsos Navigator



#1 IMMOBILITY

#2 DIGITAL PURCHASE

#3 ELECTRIFICATION

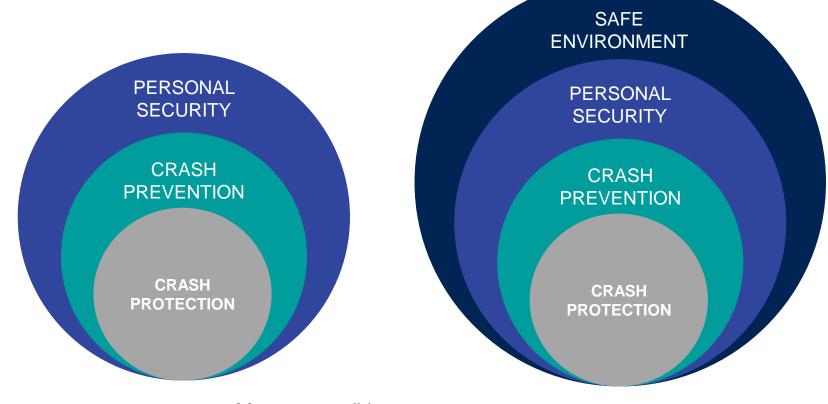
#4 CONNECTIVITY before AUTONOMOUS

#5 REDEFINED SAFETY

REDEFINING SAFETY

PRE-COVID

POST-COVID



- + as touchless as possible
- + incl. air filtration

- + incl. antibacterial surfaces
- + creating a "clean & safe" feeling in individually owned vehicles



#1 IMMOBILITY

#2 DIGITAL PURCHASE

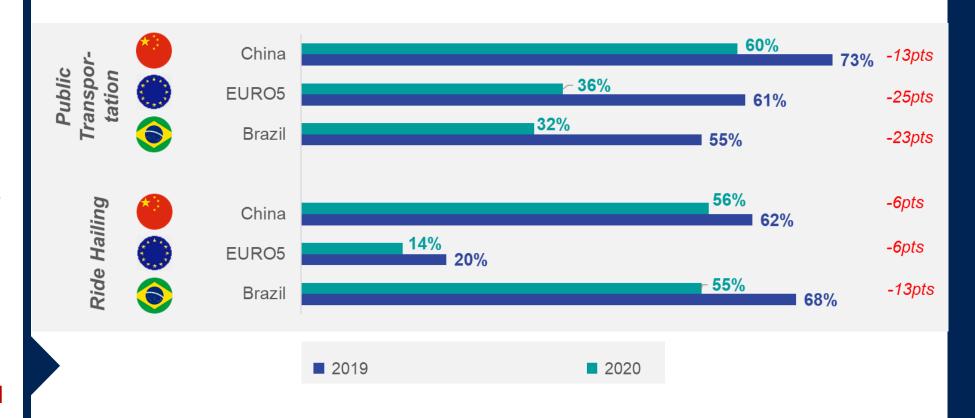
#3 ELECTRIFICATION

#4 CONNECTIVITY before AUTONOMOUS

#5 REDEFINED SAFETY

#6 DECLINE IN
COLLECTIVE
TRANSPORTATION

DECLINE IN COLLECTIVE TRANSPORTATION



Source: Ipsos Navigator



#1 IMMOBILITY

#2 DIGITAL PURCHASE

#3 ELECTRIFICATION

#4 CONNECTIVITY before AUTONOMOUS

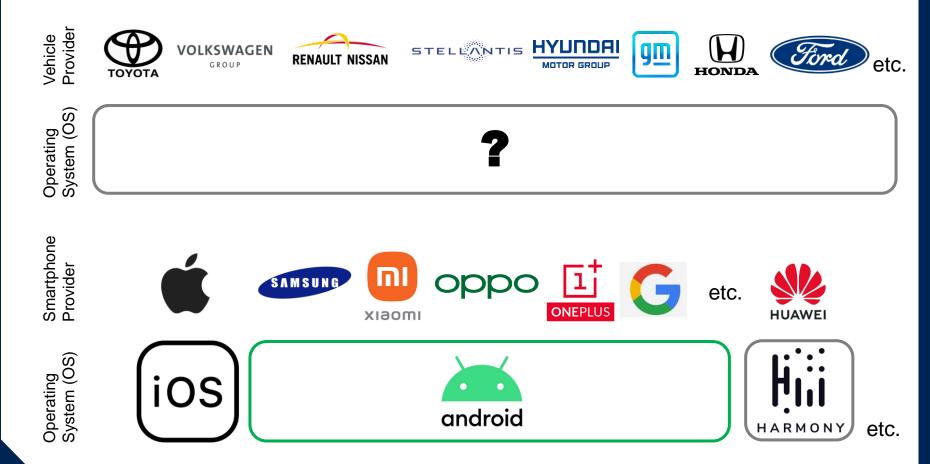
#5 REDEFINED SAFETY

#6 DECLINE IN
COLLECTIVE
TRANSPORTATION

#7 GLOBAL vs. RISE OF LOCAL

GLOBAL VS. LOCAL

Development of Future Vehicle Operating Systems will be expensive and therefore global





#1 IMMOBILITY

#2 DIGITAL PURCHASE

#3 ELECTRIFICATION

#4 CONNECTIVITY before AUTONOMOUS

#5 REDEFINED SAFETY

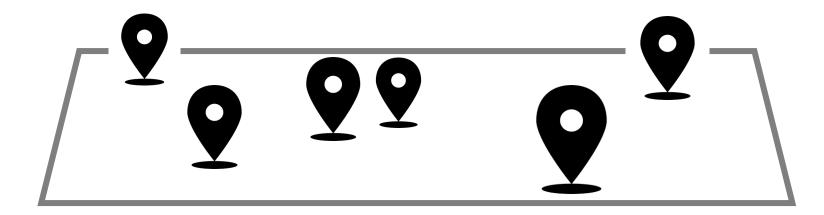
#6 DECLINE IN
COLLECTIVE
TRANSPORTATION

#7 GLOBAL vs. RISE OF LOCAL

RISE OF LOCAL

Future Mobility Solutions will be <u>local</u>.

- Need to adapt to local culture, geography, infrastructures and environment.
- Need to understand local customers and adapt to local eco-systems.
- Public Transportation and Mobility as a Service (MaaS) will integrate local sustainable micro-mobility services





#1 IMMOBILITY

#2 DIGITAL PURCHASE

#3 ELECTRIFICATION

#4 CONNECTIVITY before AUTONOMOUS

#5 REDEFINED SAFETY

#6 DECLINE IN
COLLECTIVE
TRANSPORTATION

#7 GLOBAL vs. RISE OF LOCAL

RELATIONSHIP WITH CUSTOMERS

AND ABILITY TO BUILT TRUST

WILL BE CRITICAL SUCCESS FACTORS

IN FUTURE MOBILITY.



SPOTLIGHT ON LATIN AMERICA

KEYS – A WEBINAR SERIES BY IPSOS

Ana Maria Leyva
Chief Client Officer, Latin America





LATAM: A REGION OF CONTRASTS

First, some numbers to give us a perspective



20 Countries S5.30

Trillion US

61% Services

24% Industrial

5% Agro

24

640
Million people

80% Urban

24% Young population (0-14 years old)

66% Internet penetration







A region where each country has unique assets that make it attractive

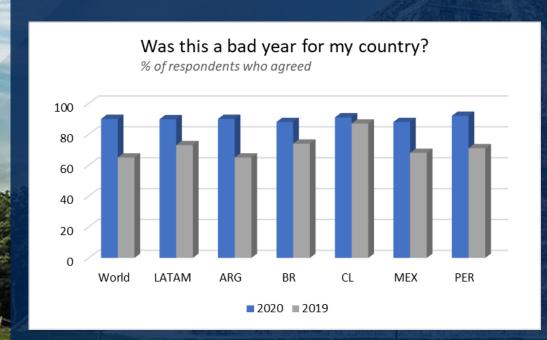


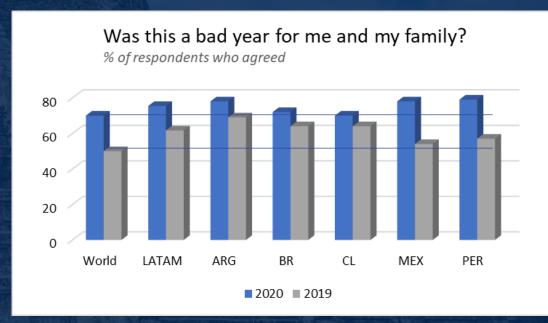




Perceptions 2020

- 2020 was a difficult year for Latin Americans: 9 in 10 people consider 2020 as a bad year, both at country and personal level
- Latin-Americans more pessimistic than the rest of the world

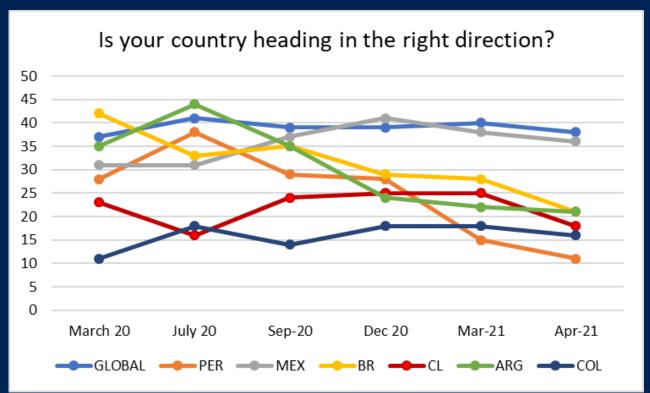






What about today...

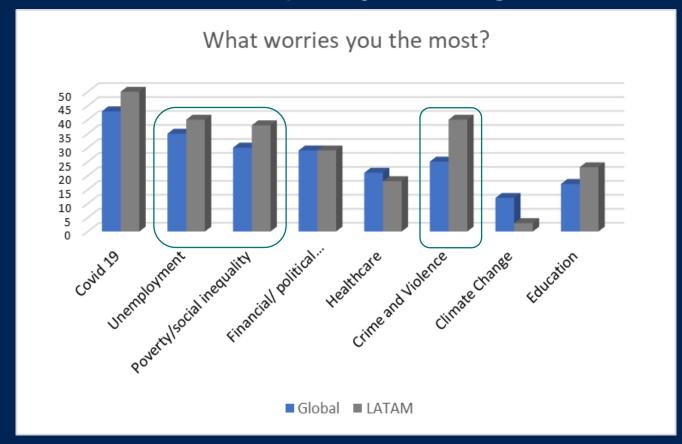
- People still feel pessimistic about the present, 80% perceiving that their respective countries are going in the wrong direction.
- Sentiment that has been deteriorating in the past months



Source: Ipsos Global Advisor – April 202

...so, what worries people in LATAM today?

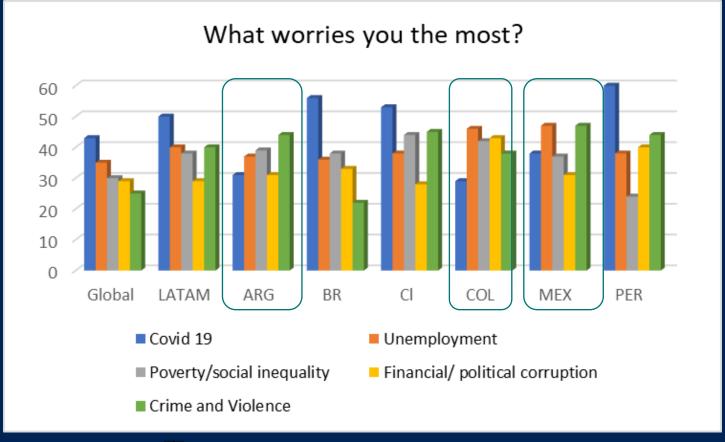
- Besides COVID, Latin-Americans are very worried about issues affecting their everyday life
- People are less worried about issues impacting in the long term





With some specifics by country...

For some, short-term worries are even greater than COVID



But what about tomorrow?

Latin-Americans are very optimistic when it comes to the future





Source: Ipsos Global Advisor - April 2021

But what about tomorrow?

Most people expect an important improvement on their quality of life in the long term

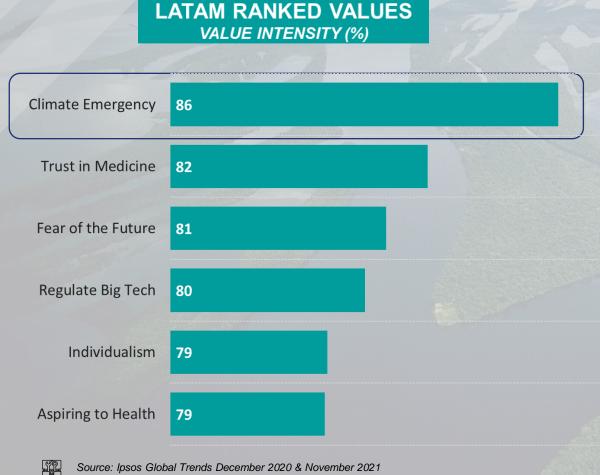


Source: Ipsos Global Advisor – April 202



How much do we care about the climate?

- Climate emergency is at the top of our values
- We feel strongly about what needs to be done... do we really?



I understand what action I need to take to play my part in tackling climate change

Agree	Disagree
69%	8%
85%	7%
83%	4%
82%	7%
82%	5%
76%	7%
68%	6 <mark>%</mark>
	69% 85% 83% 82% 76%





Source: Ipsos Global Advisor- Earth Day March 2021

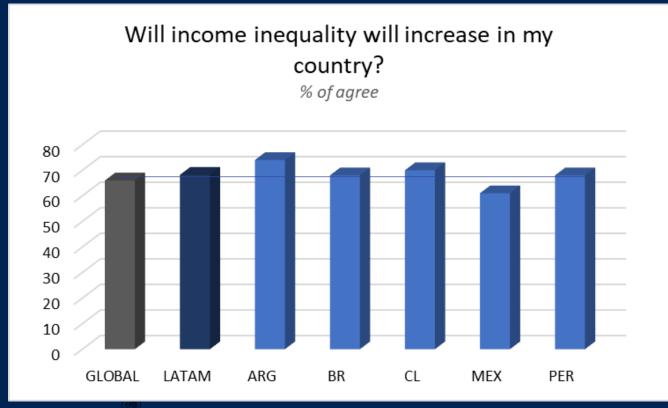
...who else is responsible?

And we expect both corporations and governments to act now



What about Poverty and Inequality?

- Income inequality is expected to continue to be unaddressed
- 68% of people in LATAM expect this to increase



텔 Source: Ipsos Global Advisor – Predictions 2021 Dec 202

Key takeaways on LATAM

