Netherlands Report





### 2024 Edelman Trust Barometer

Methodology

### Annual online survey in its 24th year

Fieldwork conducted: Nov 3 – Nov 22, 2023

32,000+

1,150+/-

Respondents Countries

Respondents per country\*\*

Argentina	Colombia
Australia	France
Brazil	Germany
Canada	India
China	Indonesia

Ireland Italy Japan Kenya Malaysia

Mexico Netherlands \_\_\_\_ Nigeria

S. Africa S. Korea Spain Saudi Arabia Sweden Singapore Thailand

UAE UK U.S.

Data collected is representative of the general population across age, gender, region and ethnicity/nationality (where applicable) within each country.

### Global averages

Unless otherwise indicated, global averages are composed of all 28 countries surveyed.

#### Statistical significance







Significant change

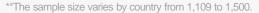
Indicates a statistically meaningful difference or change in the data that is unlikely to be due to chance or a random fluctuation.

All indicated year-over-year significant changes were determined using a t-test set at a 99%+ confidence level.

#### **Shortened question text**

Throughout the report, question text has been edited for readability.

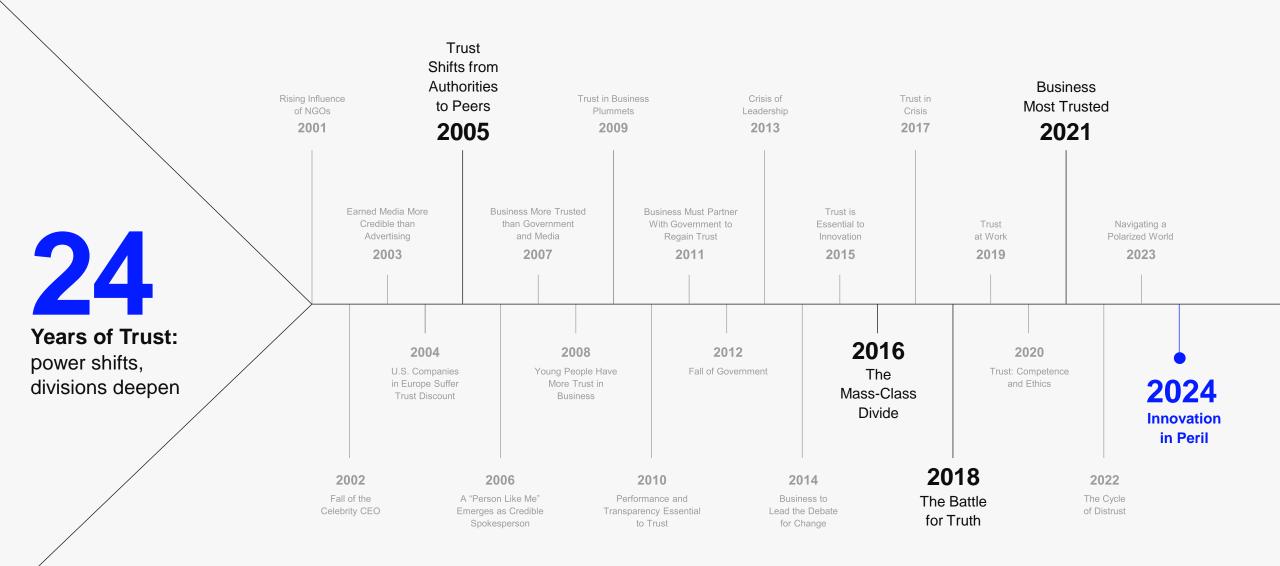
For more details on global averages, country-specific sample information, or to see the full text for any shortened statements, please see the Technical Appendix



28-market global data margin of error: General population +/- 0.7 percentage points (n=32,492)

Country-specific data margin of error: General population +/- 3.3 to 3.9 percentage points (varies by country based on sample size, n=1,109 to n=1,500) Margin of error is calculated at the 99% confidence level







### A Global Referendum on Innovation in Society

Dec 2021 Aug 2022 Jan 2023 Nov 2023 **Covid vaccinations** U.S. passes the 100 million people log At COP 28, countries Progress Inflation Reduction on to Chat GPT in its save over 14 million commit to transition lives in their first year Act, designed to first two months away from fossil fuels incentivize green innovation 2024 What will Elections in lead society to 64 countries accept or reject 49% of the world's innovation? population eligible July 2022 Sept 2023 May 2023 Nov 2023 **Pushback** to cast their vote **Beijing rescinds** U.S. Republican Hollywood **Dutch Freedom Party** first vaccine presidential frontrunner screenwriters and wins power in protest mandates after campaigns against actors strike over of green mandates 2 days of backlash electric vehicle studio use of transition streaming and Al technologies



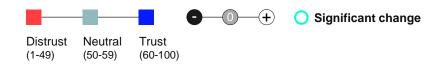
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# Trust Index 2023 to 2024: Developing Countries Lead on Trust

### **Trust Index**

(average percent trust in NGOs, business, government, and media)



#### 2024 Trust Index among

Developing countries 63

Developed countries 49

**2024 Edelman Trust Barometer.** The Trust Index is the average percent trust in NGOs, business, government and media. TRU\_INS. Below is a list of institutions. For each one, please indicate how much you trust that institution to do what is right. 9-point scale; top 4 box, trust. General population, 28-mkt avg., and by developed and developing countries. Year-over-year changes were tested for significance using a t-test set at the 99%+ confidence level.

Due to a translation inconsistency in France, the 2023 Trust Index has been imputed using a model. For more details, please see the Technical Appendix.

#### 2023 2024 **General population General population** Global 28 Global 28 China 83 79 China Indonesia 76 India UAE UAE India 73 Indonesia Saudi Arabia Saudi Arabia Greatest changes in 66 Singapore 70 Thailand Thailand 66 Malaysia +7 63 Kenya S. Korea 67 Singapore 62 Malaysia Kenya 64 +6 Malaysia 61 Mexico 61 Nigeria Nigeria +5 Mexico Nigeria **Netherlands Netherlands** +4 Thailand 53 Brazil 53 Brazil 52 Canada Canada +4 Australia Colombia Australia China 50 Italy 50 Italy 49 Sweden 49 S. Africa Colombia Australia 48 Sweden UK 48 Ireland 47 Colombia U.S. 48 47 France 47 France 47 Ireland S. Africa 47 46 Spain 46 Germany 46 U.S. Spain Germany UK 43 S. Korea Argentina Argentina 38 Japan 39 Japan UK now among S. Korea UK least-trusting countries

# In the Netherlands, Institutions Out of Balance: Government Seen as Far Less Competent and Ethical than Business

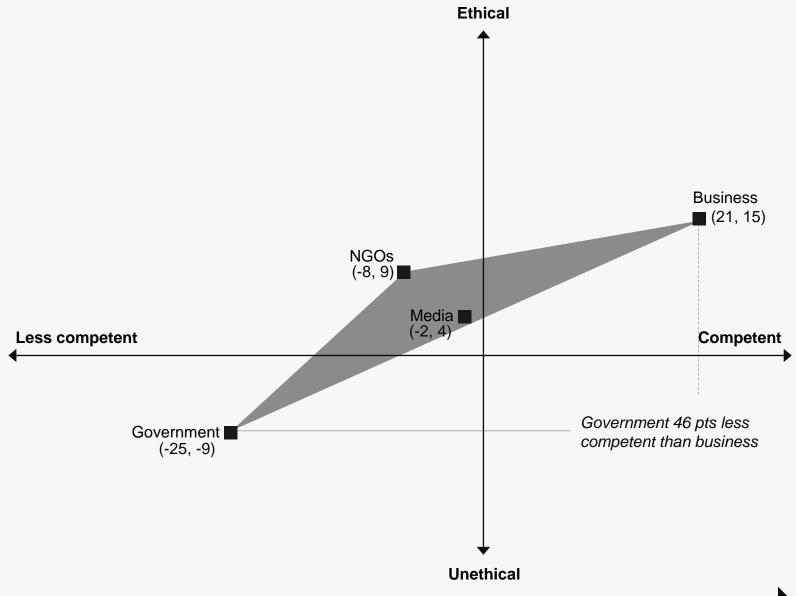
(Competence score, net ethical score)



**2024 Edelman Trust Barometer.** The ethical scores are averages of nets based on [INS]\_PER\_DIM/1-4. Media and NGOs were only asked of half the sample.

The competence score is a net based on TRU\_3D\_[INS]/1. Media and NGOs were only asked of half the sample. General population, Netherlands.

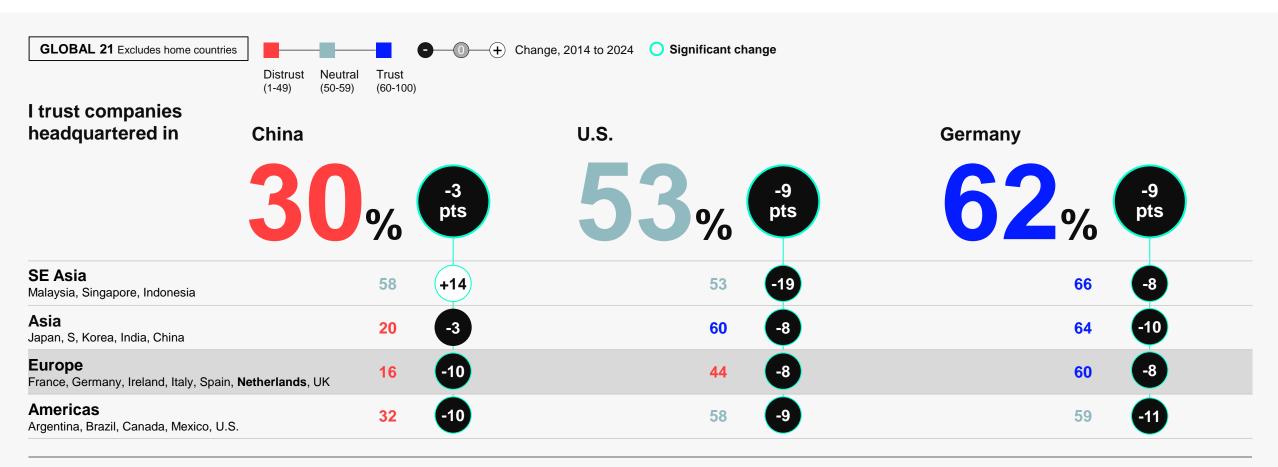
For full details regarding how this data was calculated and plotted, please see the Technical Appendix.





# 10-Year Shift: Less Trust for Companies Headquartered in Global Powers

Percent trust in companies headquartered in each country, among respondents from outside each country being rated





### **Establishment Leaders Not Trusted to Tell Us the Truth**

Percent who worry, in the Netherlands





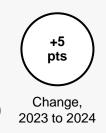
**52**%



55%



50%



**Government leaders** 

**Business leaders** 

Journalists and reporters

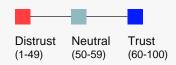
are **purposely trying to mislead people** by saying things they know are false or gross exaggerations



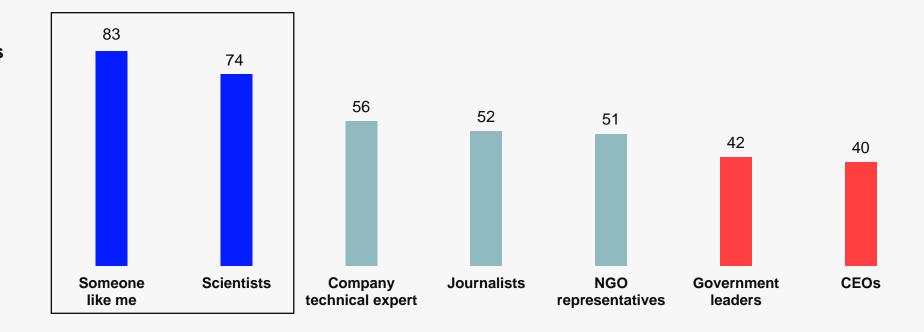


### **Dispersion of Authority: Peers More Trusted With Scientists**

Percent trust in, the Netherlands



I trust each to tell me the truth about new innovations and technologies





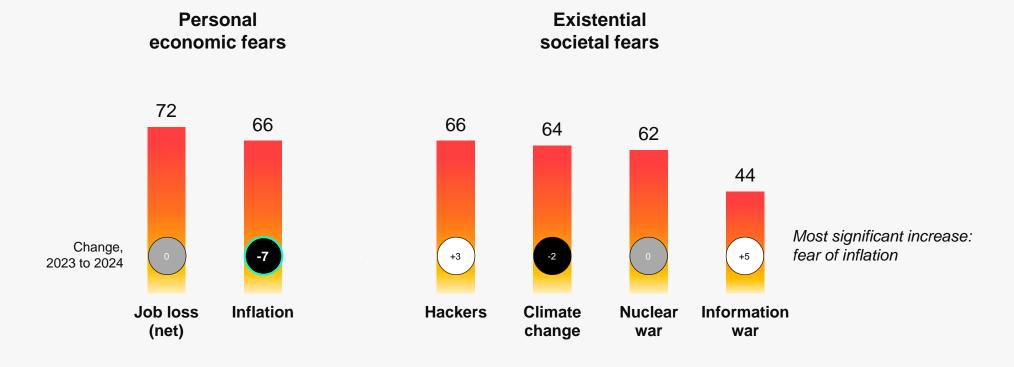


### Societal Fears on Par with Personal Economic Fears

In the Netherlands, percent who worry about...





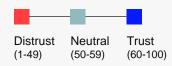






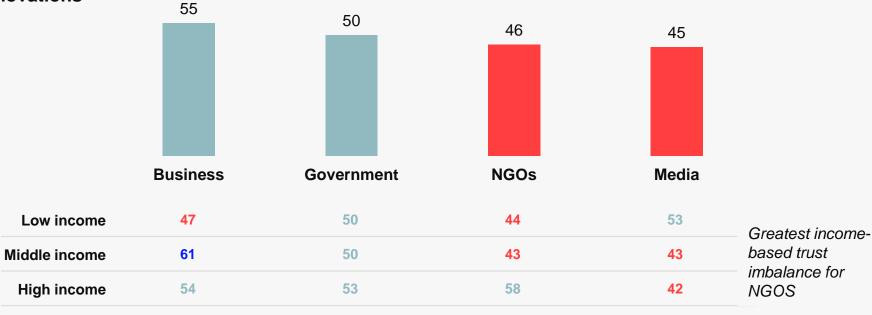
# Trust Imbalance: Business Most Trusted to Integrate Innovation into Society

Percent trust, in the Netherlands



# I trust each with the introduction of innovations into society, ensuring they are

- Safe
- Understood by the public
- Beneficial
- Accessible

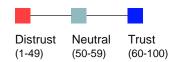


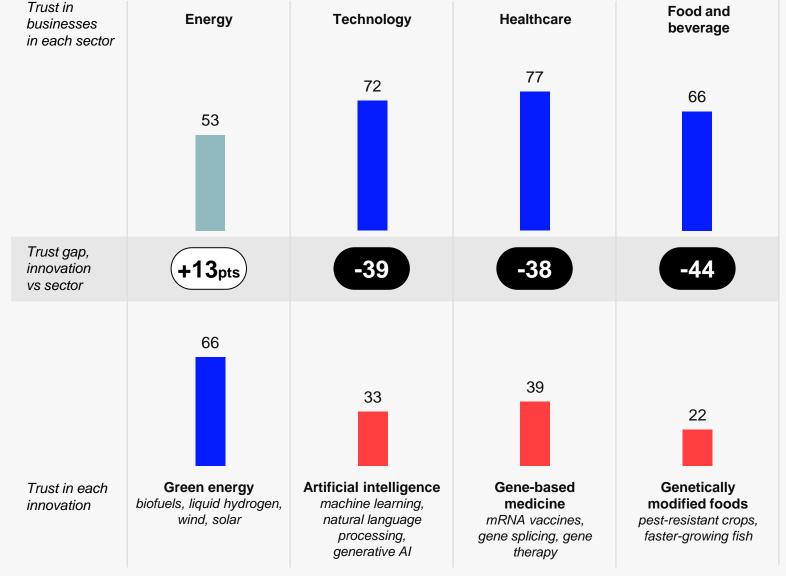




# Trust in Industry Sectors Does Not Guarantee Trust in Industry Innovations

Percent trust, in the Netherlands





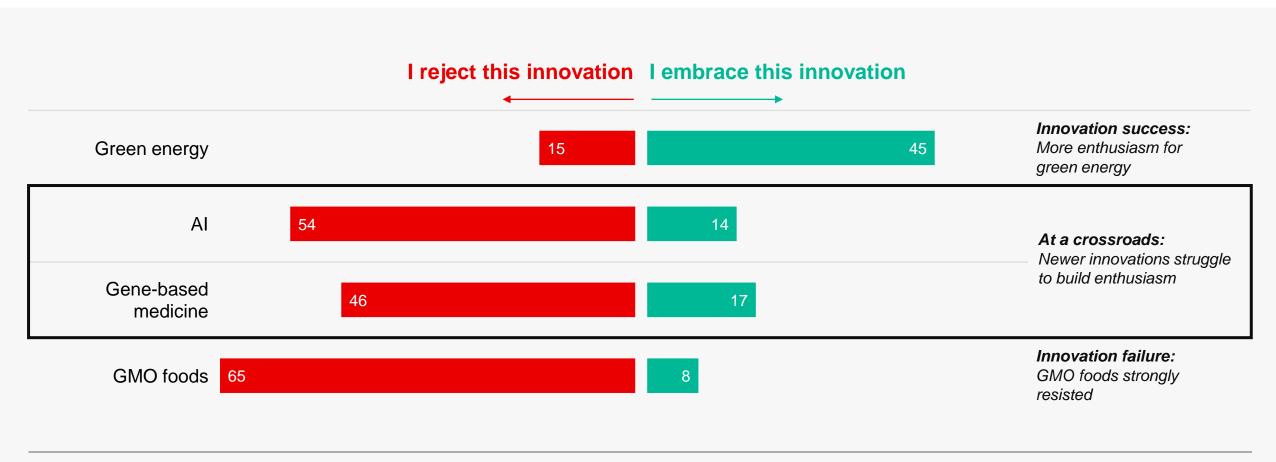


**2024 Edelman Trust Barometer.** TRU\_IND. Please indicate how much you trust businesses in each of the following industries to do what is right. 9-point scale; top 4 box, trust. Question asked of half the sample. TEC\_TRU. How much do you trust each of these technologies? 9-point scale; top 4 box, trust. Question asked of half the sample. General population, Netherlands.



# **Acceptance of Innovation at Stake**

Percent who say, in the Netherlands









### **Government Lacks Competence to Regulate Emerging Innovations**

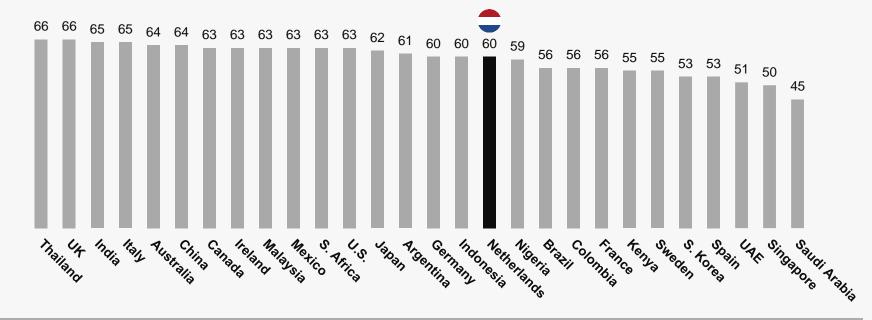
Percent who say this is true

**GLOBAL 28** 

Government regulators lack adequate understanding of emerging technologies to regulate them effectively

59%

Majority in 26 of 28 countries say government not regulating well





### Concerned Government Has Too Much Influence on Science

Percent who agree, in the Netherlands

Science has become politicized in this country

Government and organizations that fund research have **too much influence** on how science is done

45%

58%



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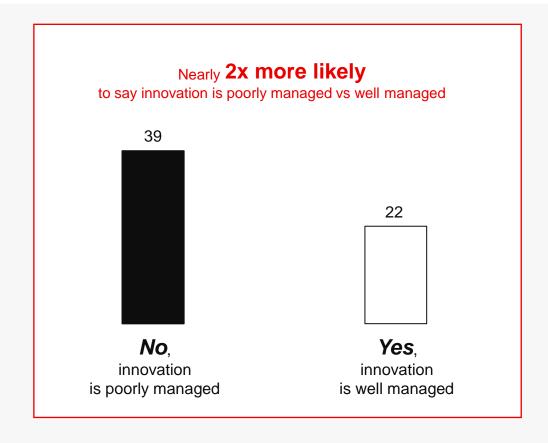
# Globally, Nearly 2x More Likely to Fear Innovation Poorly Managed

On average, percent who say

**GLOBAL 28** 

### In thinking about innovation -

- Do I trust how business and NGOs introduce innovations into society?
- Can government regulate new technologies?
- Is science independent of politics and money?



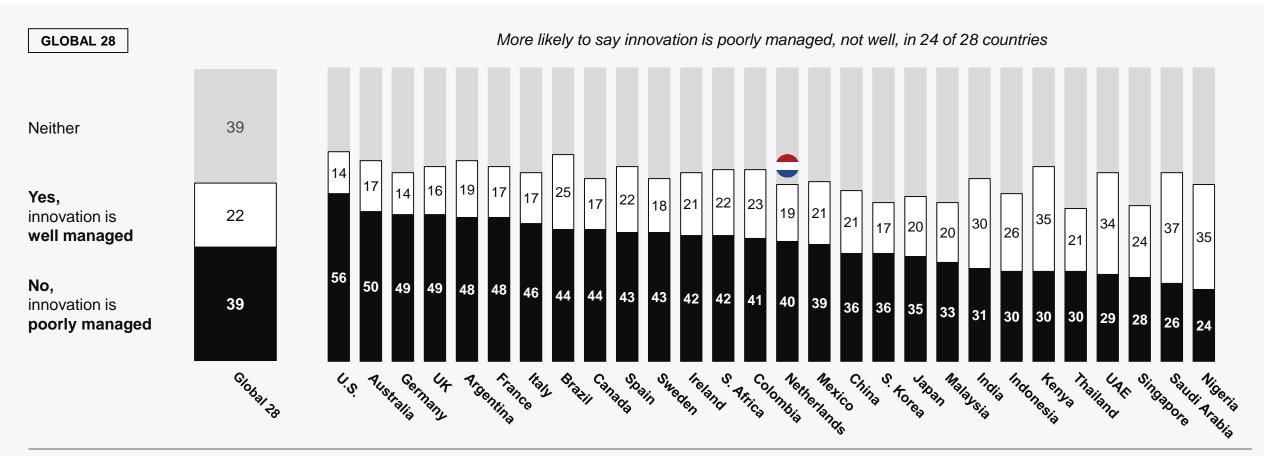


39



# Nearly All Countries More Likely to Believe Innovation is Mismanaged Rather Than Well Managed

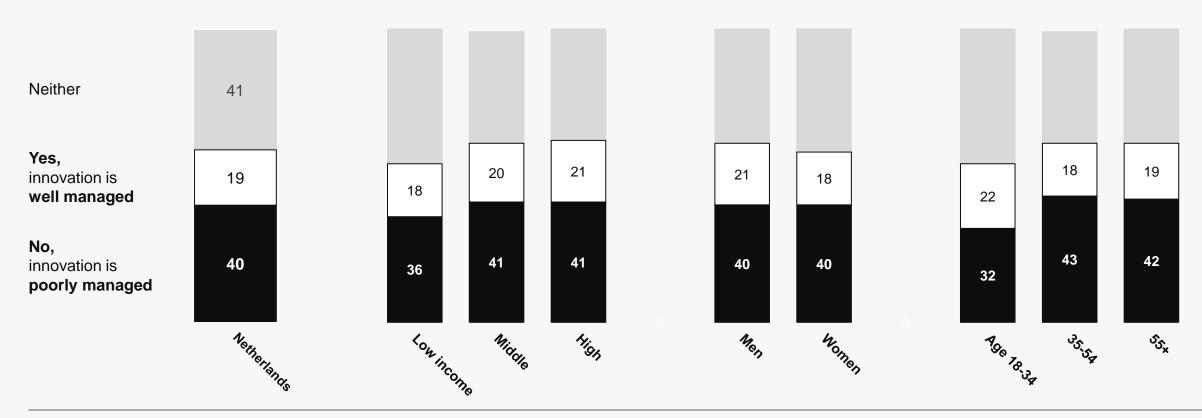
On average, percent who say





# In the Netherlands, Concern Innovation is Mismanaged Shared Across Income, Gender, and Age

On average, percent who say, in the Netherlands





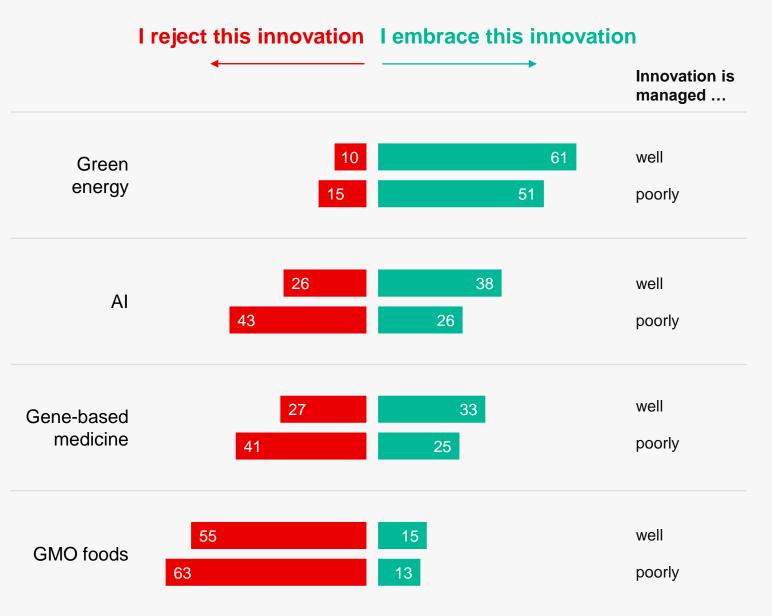


# When Institutions Mismanage Innovation: More Rejection, Less Enthusiasm for Emerging Technologies

Percent who say

**GLOBAL 28** 

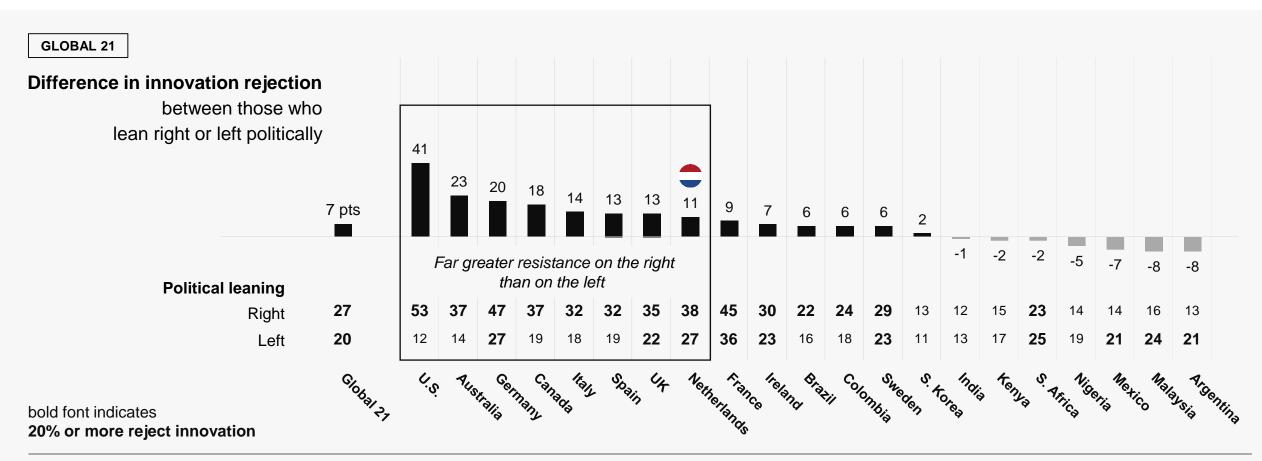
**2024 Edelman Trust Barometer.** CHG\_TEC\_COM. How would you characterize your feelings about each of the following? 5-point scale; bottom 2 box, resistant or hesitant = reject; top 2 box, enthusiastic or passionate = embrace. General population, 28-mkt avg., by the innovation management scale. For a full explanation of how the Innovation Management Scale was developed, please see the Technical Appendix.





### In Western Democracies, Resistance to Innovation Is Political

Percent of respondents who reject innovation, based on their individual average acceptance rating across green energy, AI, gene-based medicine, and GMO foods





# When Institutions Mismanage Innovation, We Feel Both Technology and Society Are Leaving Us Behind

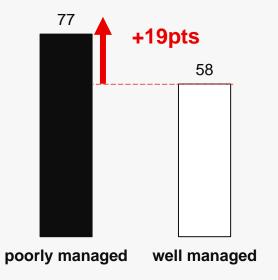
Percent who say, in the Netherlands

Innovation is...

Technology is changing too quickly, in ways that are not good for people like me

Our society is changing too quickly and not in ways that benefit people like me







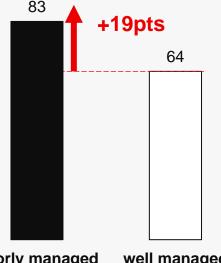


### When Institutions Mismanage Innovation, Fairness and Capitalism in Question

Percent who say, in the Netherlands

The system is biased in favor of the rich

Capitalism as it exists today does more harm than good in the world





Innovation is...

well managed poorly managed





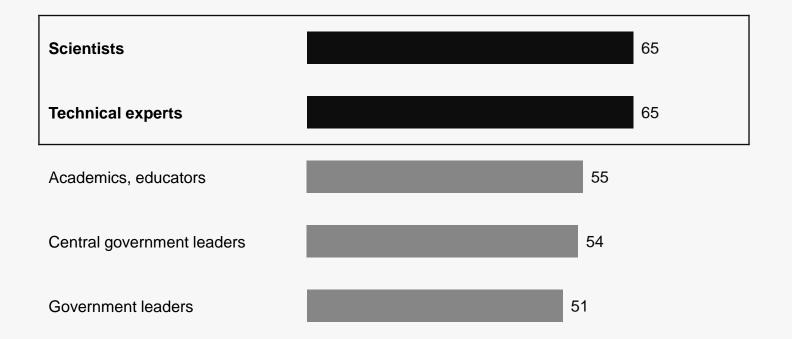


### Scientists and Experts Expected to Lead on Implementation of Innovation

Percent who say, in the Netherlands

I believe each **should have a big role** in managing the introduction
of innovation

Showing top 5 of 11 items



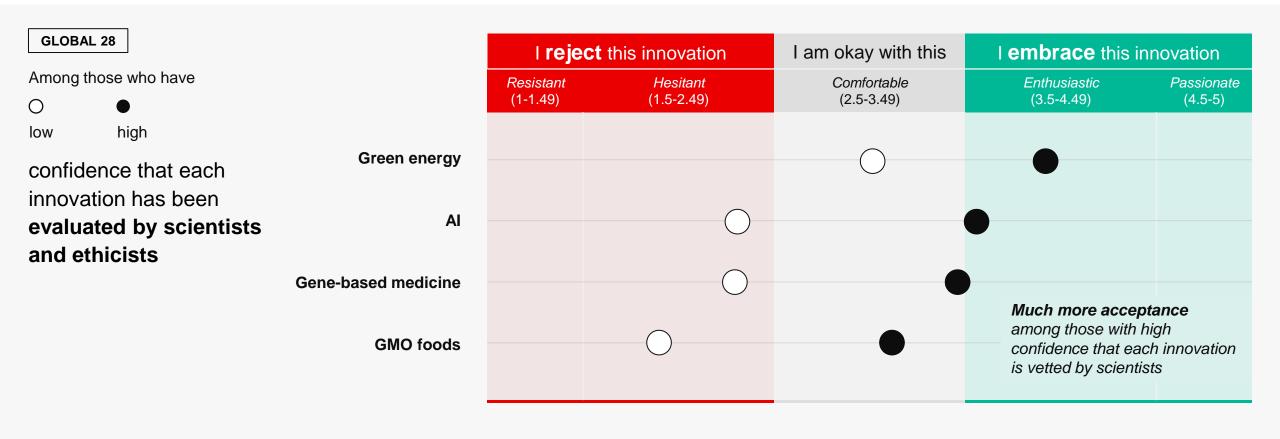




# To Earn My Acceptance, Show Me the Innovation Is Vetted by Scientists and Ethicists

### Average acceptance rating

for each innovation





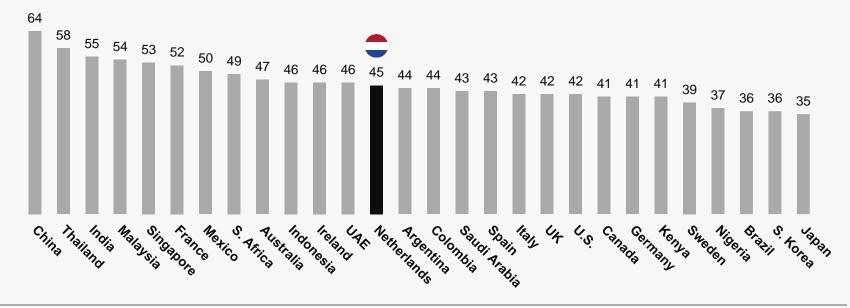
# Make the Science Transparent and Accessible to the Public

Percent who agree

**GLOBAL 28** 

Scientists do not know how to communicate with people like me

45%





# I'm Also Talking to Peers and Doing My Own Research: Help Me Find Information I Can Trust

Percent who say, in the Netherlands

This is where I get most of my information about new technologies and innovations

Showing top 5 of 9 items





### To Be Trusted With Innovation, Give Me a Voice

Percent who say this is important to earning or keeping their trust in each institution to be good managers of change, in the Netherlands, showing the top 3 actions

### Across institutions, listening is a top 3 trust-building action

Business	%
Keep innovations affordable	79
Hear our concerns, let us	
ask questions	78

NGOs	%
Hear our concerns, let us ask questions	76
Aid the vulnerable	73
Protect our core values	72

Government	%
Hear our concerns, let us ask questions	79
Institute safeguards	78
Protect our core values	75

Media	%
Hear our concerns, let us ask questions	75
Communicate pluses and minuses	71
Protect our core values	68

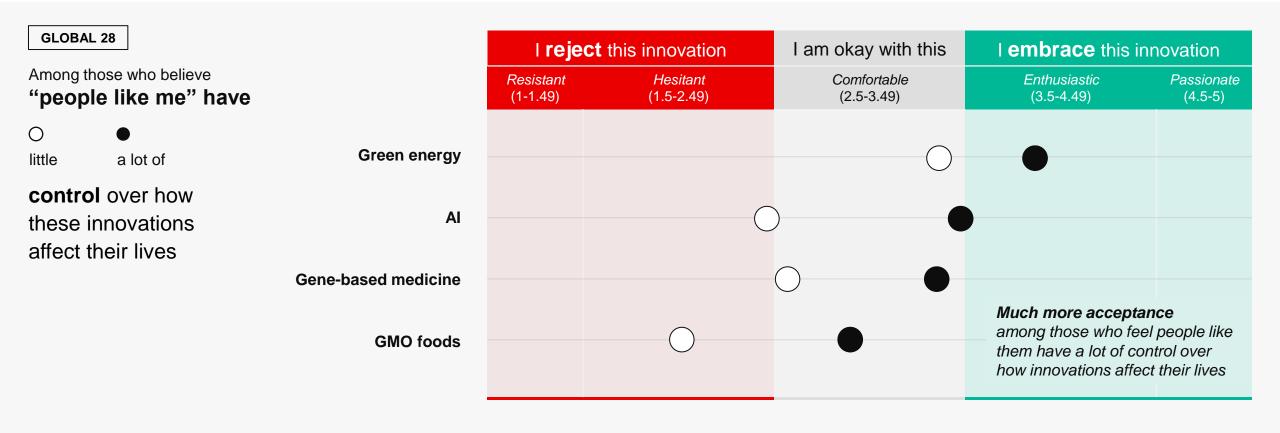




# To Earn My Acceptance, Give Us Control Over the Impact of Innovations

### Average acceptance rating

for each innovation







# Over Past Decade, Demand for Business-Government Partnership on Innovation Surges

Percent who say

GLOBAL 22



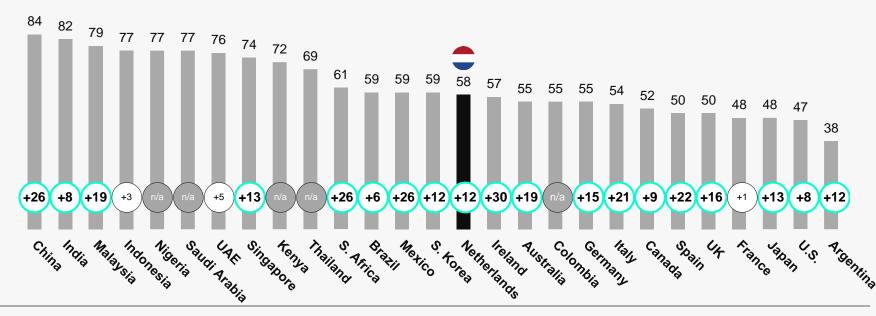
+ 2015 to 2024

Significant change

If business partners with government,
I would trust it more with technology-led changes





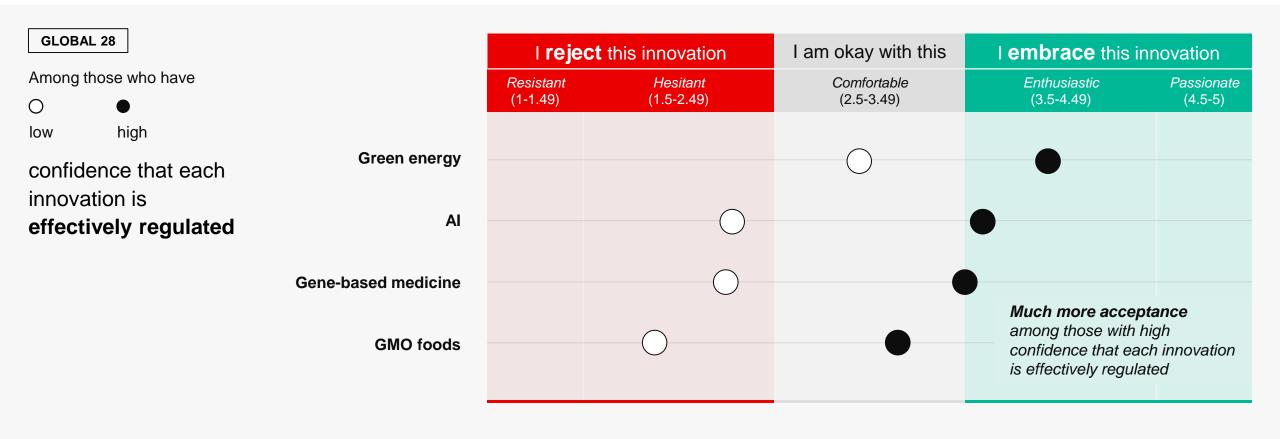




# **Confidence in Effective Regulation Drives Adoption**

### Average acceptance rating

for each innovation





# **CEOs: Address Impacts of Innovation in Society**

Percent who say, the Netherlands

I expect CEOs to manage changes occurring in society, not just those occurring in their business

61%

Among employees,

It is important to me that

my CEO speaks publicly about issues such as:



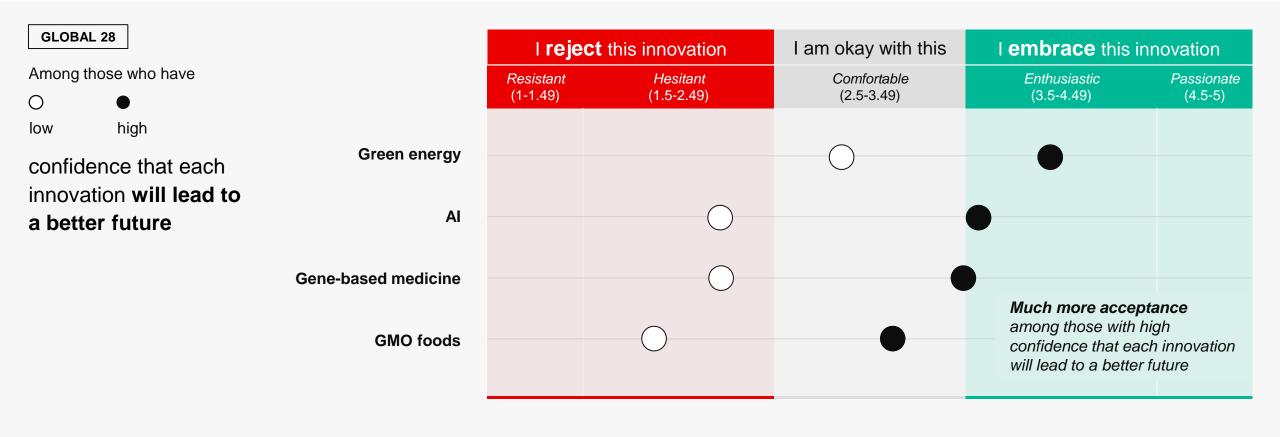




# Show Me How Innovation Will Bring Us a Better Future

### Average acceptance rating

for each innovation





### **Restoring Trust in the Promise of Innovation**

1

# Implementation as important as invention

Mismanaged innovations are as likely to ignite backlash as advance society. With breakthroughs like AI, vaccines, and green energy on the line, explaining the science and managing impacts is essential.

2

# Business must partner for change

Business is most trusted to introduce innovation into society, with an emphasis on partnering with government. CEOs need to safeguard jobs and take a stand on emerging ethical concerns.

3

# Science must integrate with society

Scientists are still trusted—but increasingly subject to public scrutiny. To build trust in expert recommendations, explain the research, engage in dialogue, and harness peer voices as advocates.

4

# Give me control over my future

When people feel in control over how innovations affect their lives, they are more likely to embrace them, not resist them. Listen for concerns, be open to questions.

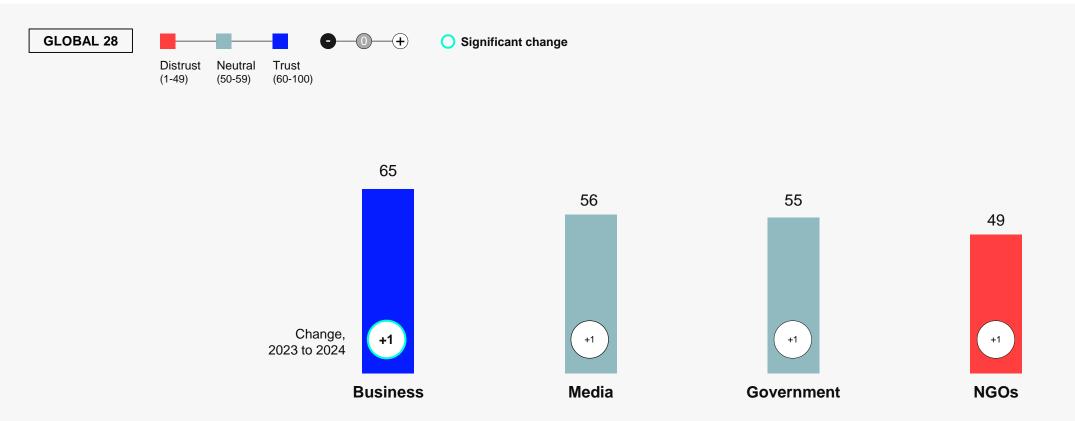






### **Business Remains Only Trusted Institution**

#### Percent trust

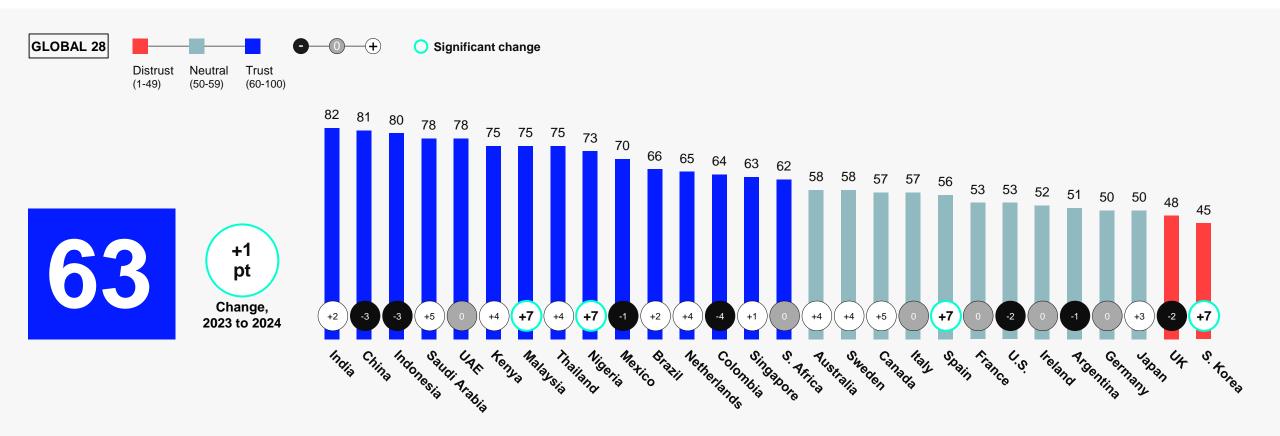


**2024 Edelman Trust Barometer.** TRU\_INS. Below is a list of institutions. For each one, please indicate how much you trust that institution to do what is right. 9-point scale; top 4 box, trust. General population, 28-mkt avg. Year-over-year changes were tested for significance using a t-test set at the 99%+ confidence level.



### **Business Trusted in 15 of 28 Countries**

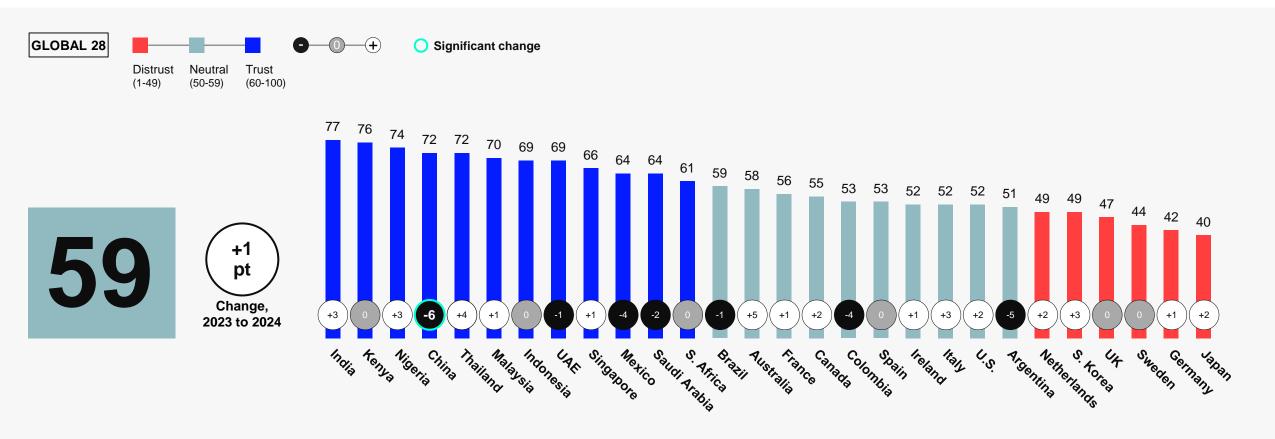
Percent trust in business





### **NGOs Trusted in 12 of 28 Countries**

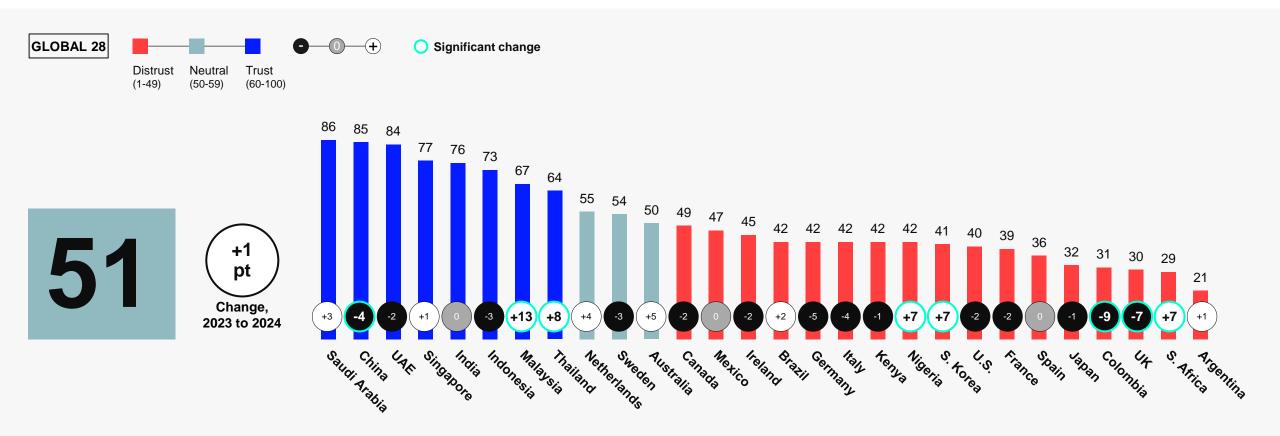
#### Percent trust in NGOs





### **Government Distrusted in 17 of 28 Countries**

#### Percent trust in government

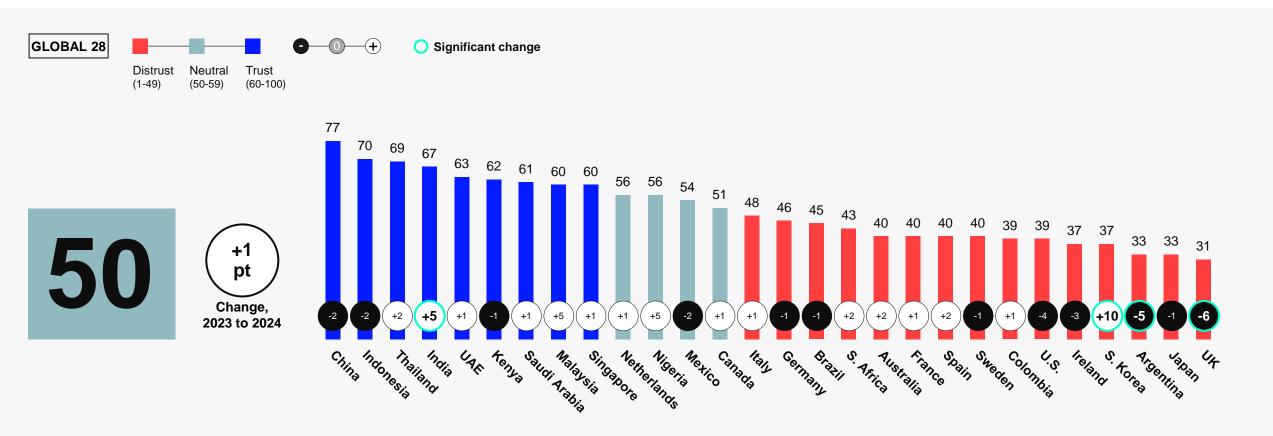


**2024 Edelman Trust Barometer.** TRU\_INS. Below is a list of institutions. For each one, please indicate how much you trust that institution to do what is right. 9-point scale; top 4 box, trust. General population, 28-mkt avg. Year-over-year changes were tested for significance using a t-test set at the 99%+ confidence level.



### Media Distrusted in 15 of 28 Countries

Percent trust in media

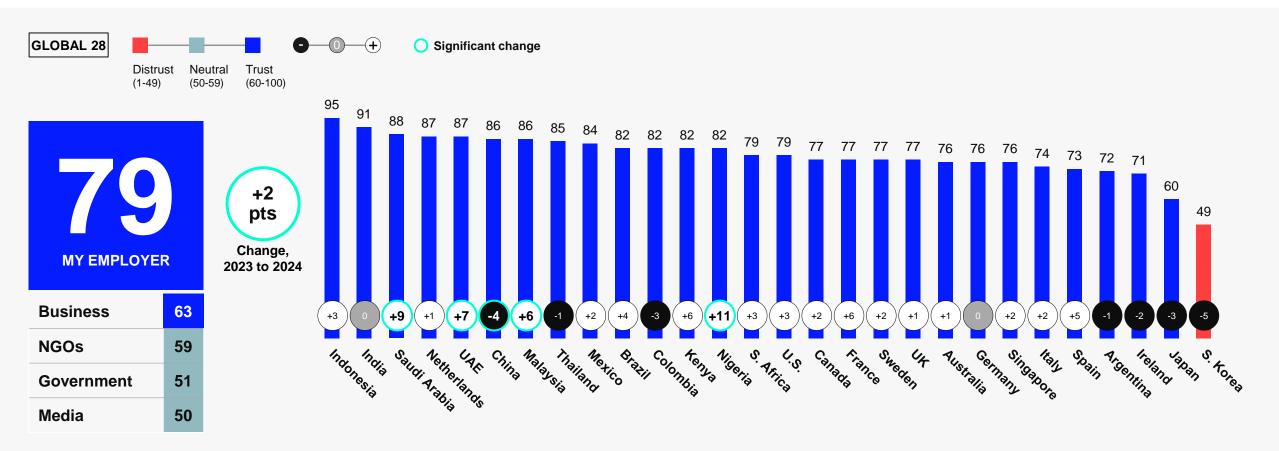


**2024 Edelman Trust Barometer.** TRU\_INS. Below is a list of institutions. For each one, please indicate how much you trust that institution to do what is right. 9-point scale; top 4 box, trust. General population, 28-mkt avg. Year-over-year changes were tested for significance using a t-test set at the 99%+ confidence level.



### My Employer Trusted in 27 of 28 Countries

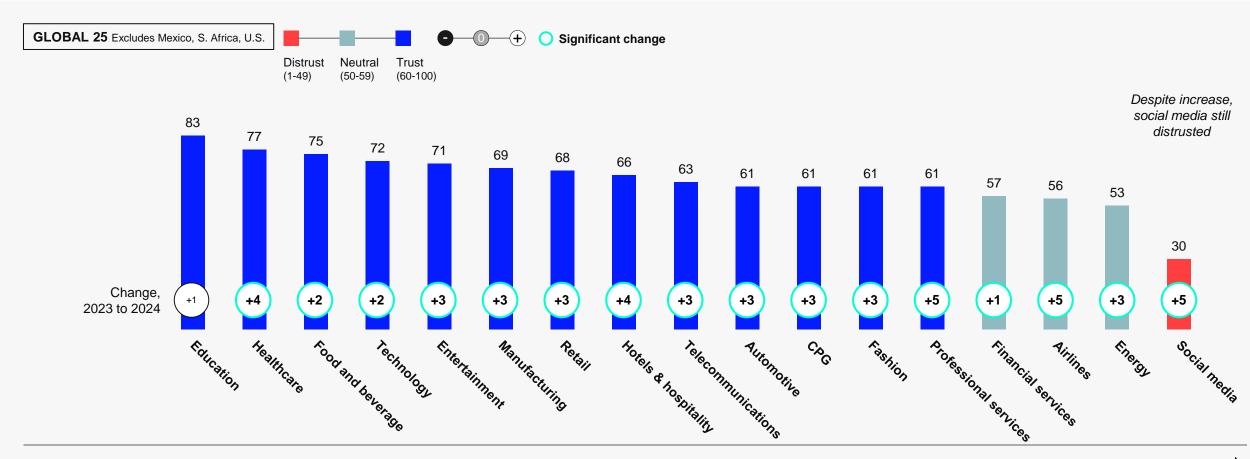
Percent trust





### **Significant Trust Increases Across Most Industry Sectors**

Percent trust in businesses in the following industries to do what is right



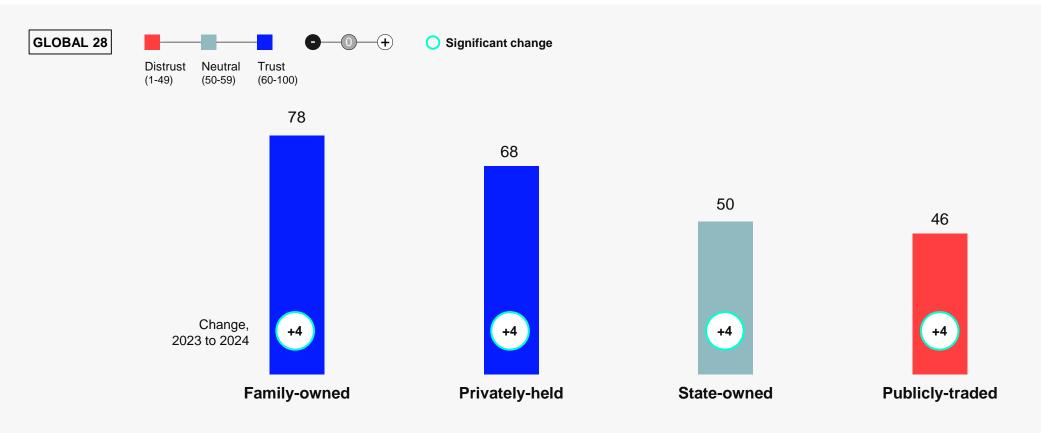
**2024 Edelman Trust Barometer.** TRU\_IND. Please indicate how much you trust businesses in each of the following industries to do what is right. 9-point scale; top 4 box, trust. Question asked of half the sample. General population, 25-mkt avg. Year-over-year changes were tested for significance using a t-test set at the 99%+ confidence level.



In S. Africa, the Afrikaans translation for "Food and beverage" was updated in 2024. In Mexico and the U.S., the Spanish translation for "Automotive" was updated in 2024. These language changes mean the 2024 data cannot compared to data from previous years and have been removed from this analysis for all sectors to ensure a consistent global average is shown for each.

### **Family-Owned Businesses Most Trusted**

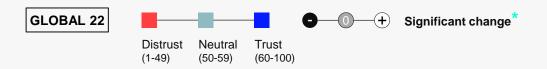
Percent trust in each type of business to do what is right





### Family-Owned Business Most Trusted Type of Business

Percent trust in each type of business to do what is right

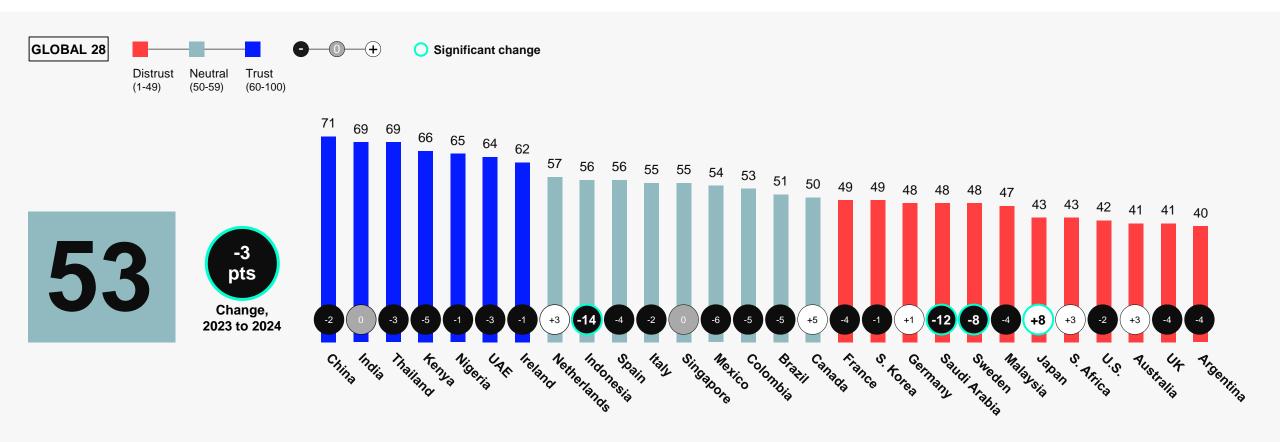


	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	10yr change
Family-owned	70	66	68	70	-	70	69	63	67	66	68	-2
Privately-held	57	53	56	58	-	60	59	55	57	56	60	+3*
Publicly-traded	55	49	52	56	-	58	58	53	55	53	56	+1*
State-owned	49	44	47	53	-	56	52	50	51	49	53	+4*



### **European Union Distrusted in 12 of 28 Countries**

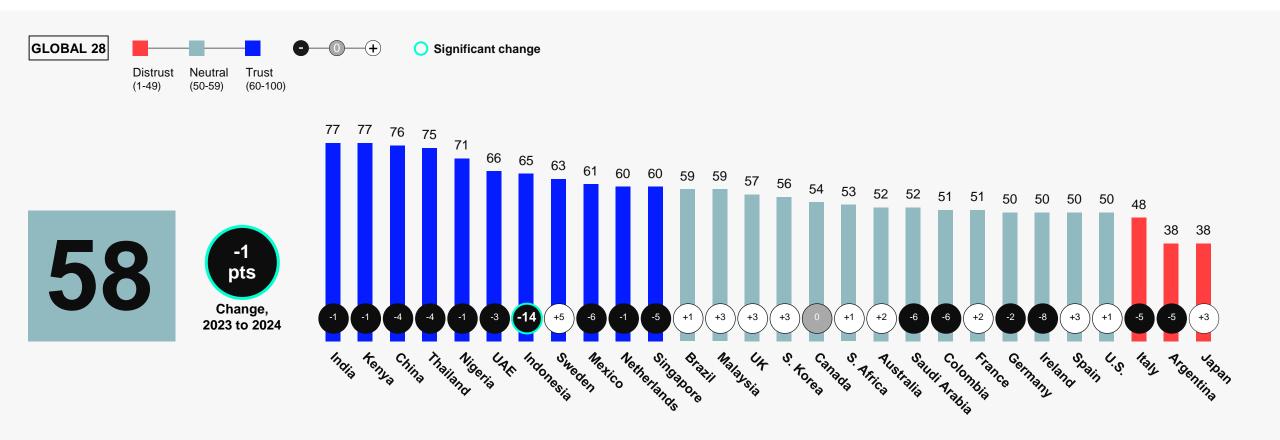
Percent trust in the European Union





### **United Nations Trusted in 11 of 28 Countries**

Percent trust in the United Nations

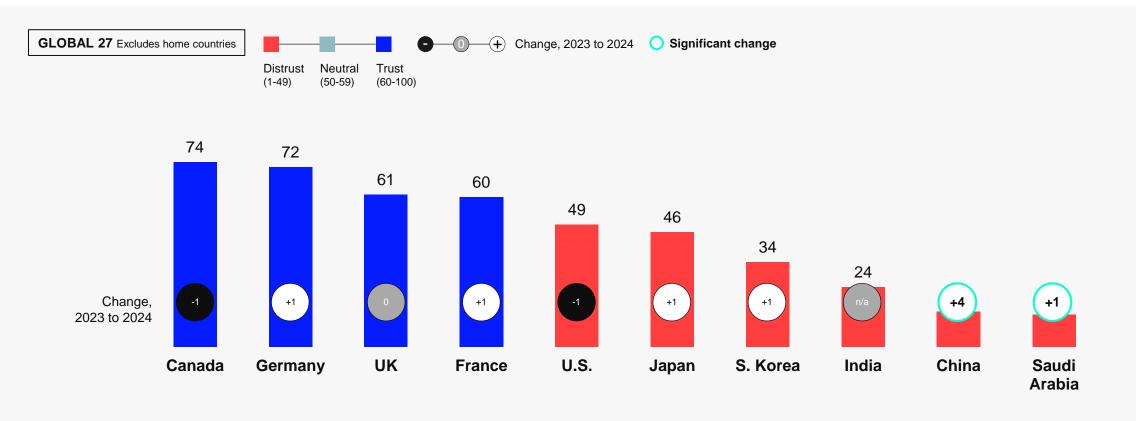






### Trust in Companies Headquartered in Foreign Countries

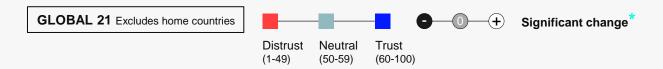
Percent trust in companies headquartered in each country, among respondents from outside each country being rated





### 10-Year Trend: Trust in Companies Headquartered in Foreign Countries

Percent trust in companies headquartered in each country, among respondents from outside each country being rated



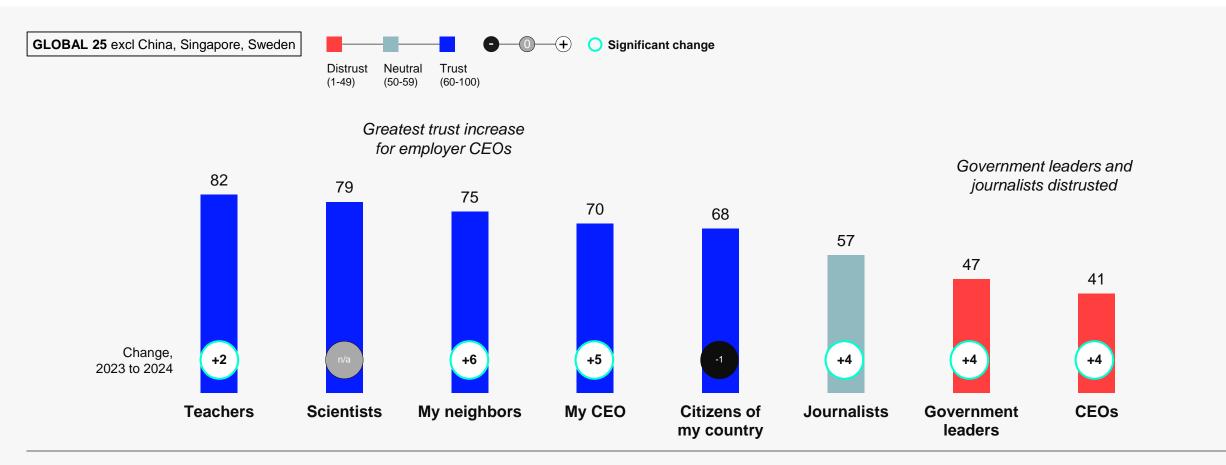
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	10yr change
Canada	69	64	67	69	70	70	69	66	65	65	64	-5*
Germany	71	65	65	66	65	70	69	65	64	61	62	-9*
Japan	64	59	60	61	61	68	66	59	57	58	59	-5*
UK	68	62	64	63	60	66	63	57	57	56	57	-11*
France	60	54	56	58	58	62	58	56	56	56	55	-5*
U.S.	62	58	58	57	51	55	52	49	52	51	53	-9*
S. Korea	44	40	43	45	43	48	45	47	44	46	47	+3*
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	35	n/a
India	30	27	30	31	31	37	35	33	31	31	32	+2*
China	33	31	32	33	34	36	34	31	27	26	30	-3*





### **Trust in People**

Percent trust to do what is right



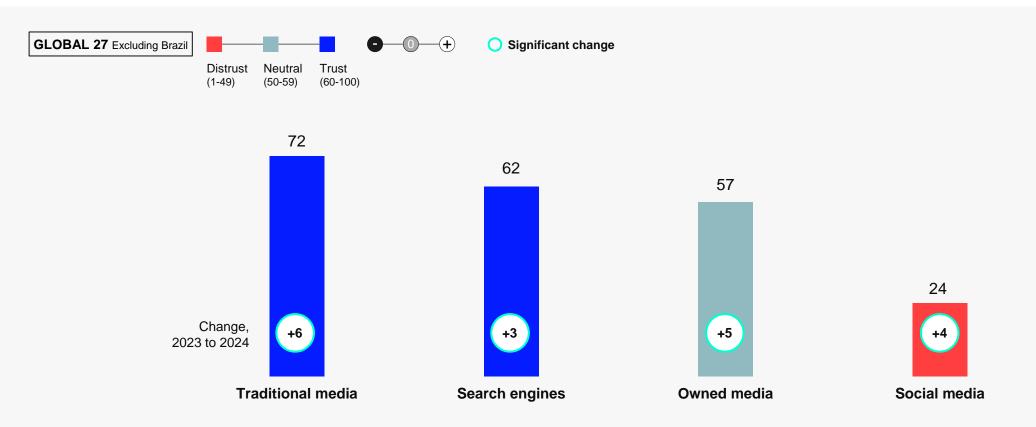
**2024 Edelman Trust Barometer.** TRU\_PEP. Below is a list of groups of people. For each one, please indicate how much you trust that group of people to do what is right. 9-point scale; top 4 box, trust. Attributes asked of half the sample. General population, 25-mkt avg. "My CEO" only shown to those who are an employee of an organization (Q43/1). Year-over-year changes were tested for significance using a t-test set at the 99%+ confidence level.



In Sweden, the Swedish translation for "Government leaders" was updated in 2024. In China and Singapore, the Chinese translation for "Journalists" was updated in 2024. These language changes mean the 2024 data cannot compared to data from previous years and have been removed from this analysis for all items to ensure a consistent global average is shown for each.

### **Trust in Media Sources**

Percent trust in each media source for general news and information



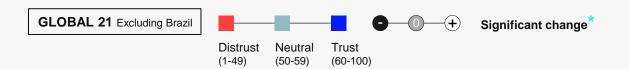
**2024 Edelman Trust Barometer.** COM\_MCL. When looking for general news and information, how much would you trust each type of source for general news and information? 9-point scale; top 4 box, trust. Question asked of half the sample. General population, 27-mkt avg. Year-over-year changes were tested for significance using a t-test set at the 99%+ confidence level.



In Brazil, the translation for "Search engines" was updated in 2024. This language change mean the 2024 data cannot compared to data from previous years and has been removed from this analysis for all items to ensure a consistent global average is shown for each.

### **10-Year Trend: Trust in Media Sources**

Percent trust in each media source for general news and information



	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	10yr change
Search engines	63	63	64	65	61	65	62	56	59	61	66	+3*
Traditional media	63	58	59	58	64	66	62	54	58	58	62	-1
Owned media	45	44	48	45	41	49	47	41	44	44	49	+4*
Social media	44	46	45	42	40	43	40	35	36	38	41	-3*

**2024 Edelman Trust Barometer.** COM\_MCL. When looking for general news and information, how much would you trust each type of source for general news and information? 9-point scale; top 4 box, trust. Question asked of half the sample. General population, 21-mkt avg. Ten-year changes were tested for significance using a t-test set at the 99%+ confidence level.



### Fear of Innovation Becomes Political, by Innovation

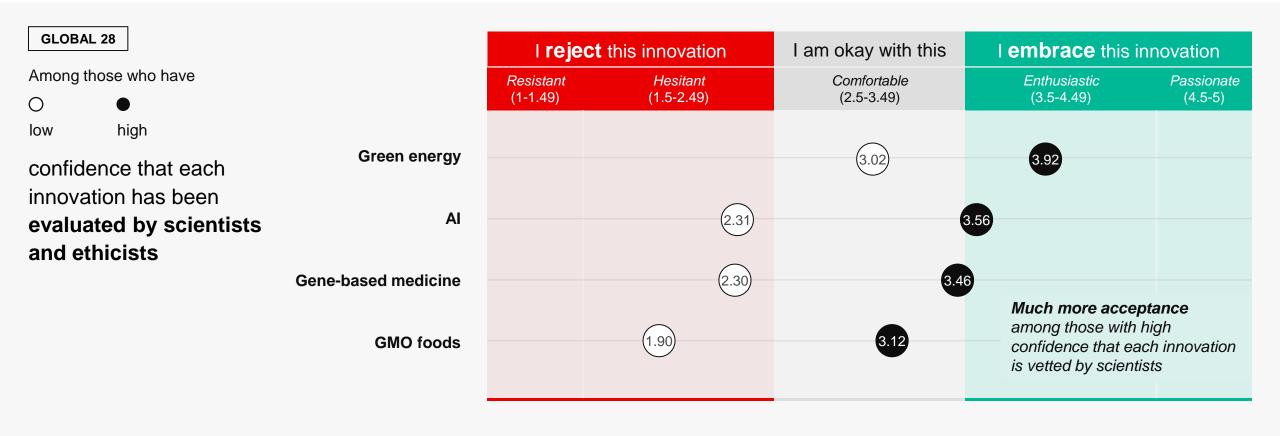
Percent who reject each innovation

	Among those who lean	Global 21	Argentina	Australia	Brazil	Canada	Colombia	France	Germany	India	Ireland	Italy	Kenya	Malaysia	Mexico	Netherlands	Nigeria	S. Africa	S. Korea	Spain	Sweden	UK	U.S.
c >	Right	18	10	28	12	25	11	21	37	15	14	15	10	9	10	20	14	15	13	18	20	20	40
Green	Left	10	7	7	9	6	11	13	10	17	12	9	6	17	14	10	19	15	10	8	8	6	6
_ O Φ	Difference, right vs left	8	3	21	3	19	0	8	27	-2	2	6	4	-8	-4	10	-5	0	3	10	12	14	34
	Right	38	23	52	31	53	29	56	48	19	59	45	20	26	30	53	17	32	21	44	41	54	59
₹	Left	42	40	52	30	53	32	58	51	22	53	39	22	25	29	57	25	31	22	43	46	57	51
	Difference, right vs left	-4	-17	0	1	0	-3	-2	-3	-3	6	6	-2	1	1	-4	-8	1	-1	1	-5	-3	8
u d	Right	37	28	37	39	41	38	42	48	20	37	40	38	41	30	49	30	44	29	34	31	36	53
Gene- based medicine	Left	30	31	22	20	22	32	39	36	21	33	21	43	47	31	39	33	46	24	26	31	29	23
	Difference, right vs left	7	-3	15	19	19	6	3	12	-1	4	19	-5	-6	-1	10	-3	-2	5	8	0	7	30
0 0	Right	60	60	55	59	60	61	76	68	45	64	70	57	52	57	63	50	58	59	67	59	61	60
GMO	Left	61	65	48	57	55	67	81	63	38	59	64	70	67	64	66	49	69	60	64	62	59	48
	Difference, right vs left	-1	-5	7	2	5	-6	-5	5	7	5	6	-13	-15	-7	-3	1	-11	-1	3	-3	2	12



### To Earn My Acceptance, Show Me the Innovation Is Vetted by Scientists and Ethicists

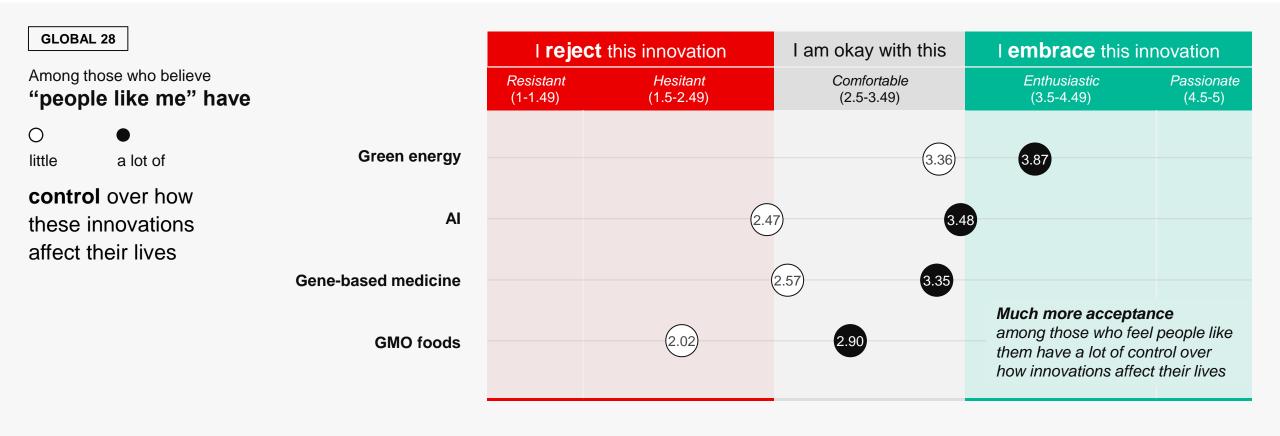
#### Average acceptance rating





### To Earn My Acceptance, Give Us Control Over the Impact of Innovations

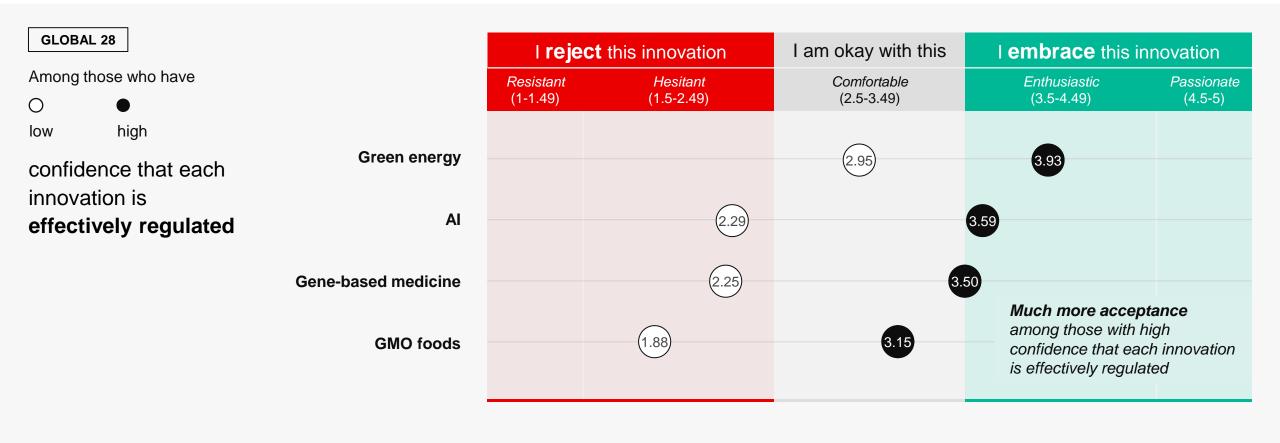
#### Average acceptance rating





### **Confidence in Effective Regulation Drives Adoption**

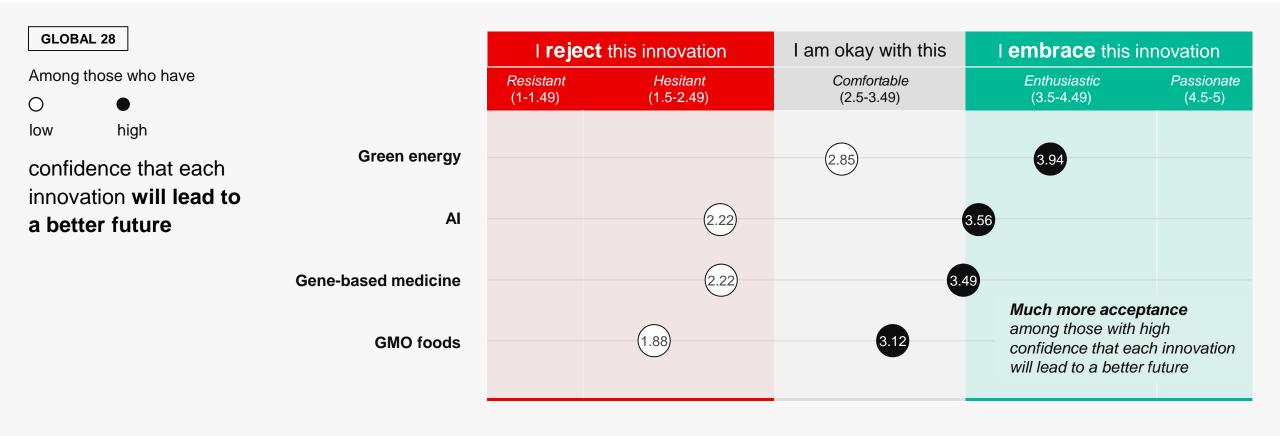
#### Average acceptance rating





### Show Me How Innovation Will Bring Us a Better Future

#### Average acceptance rating





### Acceptance of Innovation at Stake, by Demographics

Percent who say

		Global 28	Men	Women	Ages 18-34	Ages 35-54	Ages 55+	Low income	Middle income	High income
Green	I reject this innovation	13	13	13	14	12	12	16	12	11
Gre	I embrace this innovation	54	55	52	55	55	51	47	54	61
₹	I reject this innovation	35	32	38	29	33	44	39	35	29
4	I embrace this innovation	30	33	28	37	32	21	27	30	37
Gene- based medicine	I reject this innovation	34	32	37	31	36	36	38	35	29
Gel bas medi	I embrace this innovation	29	31	26	32	28	25	25	28	35
foods	I reject this innovation	58	55	61	53	59	63	60	59	54
GMO foods	I embrace this innovation	14	15	13	18	14	11	13	14	18



# Technical Appendix

#### 2024 Edelman Trust Barometer: Sample

### Sample Size, Quotas and Margin of Error

Country	Weighted Sample Size <sup>1</sup>	Unweighted Sample Size	Margin of Error – Total Sample <sup>3</sup>	Margin of Error – Half Sample <sup>3</sup>	Quotas Set On <sup>4</sup>	
Global 28 <sup>2</sup>	32,200	32,492	+/- 0.7 percentage points total sample	+/- 1.0 percentage points half sample	Quotas set at the country level	
Argentina	1,150	1,150				
Australia	1,150	1,150	+/- 3.8 pct pts. total sample	+/- 5.4 pct pts. half sample		
Brazil	1,150	1,152				
Canada	1,150	1,500	+/- 3.3 pct pts. total sample	+/- 4.7 pct pts. half sample		
China <sup>5</sup>	1,150	1,150				
Colombia	1,150	1,150	+/- 3.8 pct pts. total sample	+/- 5.4 pct pts. half sample		
France	1,150	1,152	+/- 3.6 pct pts. total sample	+/- 5.4 pct pts. Hall sample		
Germany	1,150	1,150				
India	1,150	1,116	+/- 3.9 pct pts. total sample	+/- 5.5 pct pts. half sample		
Indonesia	1,150	1,152				
Ireland	1,150	1,151				
Italy	1,150	1,150				
Japan	1,150	1,151			Age, Gender, Region	
Kenya	1,150	1,150	+/- 3.8 pct pts. total sample	+/- 5.4 pct pts. half sample		
Malaysia	1,150	1,153			Age, Gender, Negion	
Mexico	1,150	1,152				
Netherlands	1,150	1,150				
Nigeria	1,150	1,148				
Saudi Arabia	1,150	1,109	+/- 3.9 pct pts. total sample	+/- 5.5 pct pts. half sample		
Singapore	1,150	1,150				
S. Africa	1,150	1,152				
S. Korea	1,150	1,152				
Spain	1,150	1,150				
Sweden	1,150	1,151	+/- 3.8 pct pts. total sample	+/- 5.4 pct pts. half sample		
Thailand	1,150	1,151				
UAE	1,150	1,150				
UK	1,150	1,150				
U.S.	1,150	1,150				

<sup>1.</sup> Data reported on slides is weighted to the same total base size to ensure each country has an equal effect on the global average. Some questions were asked of only half of the sample. Please refer to the footnotes on each slide for details.



<sup>2.</sup> The "global average" indicates the average result of all the countries where data was collected. As mentioned above, there has been no adjustment made to the population size relative to each country and the global average is not intended to suggest a total result of the entire global population.

<sup>3.</sup> Margin of error is calculated on the unweighted sample sizes collected, utilizing a 99% confidence interval.

<sup>4.</sup> There were additional quotas on ethnicity in the UK and U.S., and on nationality in Saudi Arabia and the UAE.

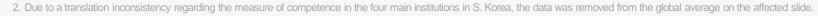
<sup>5.</sup> All data collected in China is from the mainland. Regions of Greater China were not surveyed.

#### 2024 Edelman Trust Barometer: Sample

### **Countries Included in the Various Global Averages**

28 countries surveyed	Global 28 average	Global 26 Excludes China and Saudi Arabia	Global 25 Excludes China, S. Korea, and Thailand	Global 22
	Used for current year averages and tracking to 2023	Used for current year averages; excludes sensitive countries <sup>1</sup>	Used for current year averages; excludes sensitive countries <sup>1</sup> ; excludes S. Korea <sup>2</sup>	Used for tracking to 2014 and 2015
Argentina	Argentina	Argentina	Argentina	Argentina
Australia	Australia	Australia	Australia	Australia
Brazil	Brazil	Brazil	Brazil	Brazil
Canada	Canada	Canada	Canada	Canada
China	China			China
Colombia	Colombia	Colombia	Colombia	
France	France	France	France	France
Germany	Germany	Germany	Germany	Germany
India	India	India	India	India
Indonesia	Indonesia	Indonesia	Indonesia	Indonesia
Ireland	Ireland	Ireland	Ireland	Ireland
Italy	Italy	Italy	Italy	Italy
Japan	Japan	Japan	Japan	Japan
Kenya	Kenya	Kenya	Kenya	
Malaysia	Malaysia	Malaysia	Malaysia	Malaysia
Mexico	Mexico	Mexico	Mexico	Mexico
Netherlands	Netherlands	Netherlands	Netherlands	Netherlands
Nigeria	Nigeria	Nigeria	Nigeria	
Saudi Arabia	Saudi Arabia		Saudi Arabia	
Singapore	Singapore	Singapore	Singapore	Singapore
S. Africa	S. Africa	S. Africa	S. Africa	S. Africa
S. Korea	S. Korea	S. Korea		S. Korea
Spain	Spain	Spain	Spain	Spain
Sweden	Sweden	Sweden	Sweden	_ <del></del>
Thailand	Thailand	Thailand		
UAE	UAE	UAE	UAE	UAE
UK	UK	UK	UK	UK
U.S.	U.S.	U.S.	U.S.	U.S.

<sup>1.</sup> Because some of the content we ask is deemed politically sensitive there are several countries where we take special precautions in order to avoid putting our respondents, or ourselves, in a position to break any local laws. We work closely with our sample partner and its legal team to identify which questions, and in what countries, we should refrain from asking. The three countries where we removed questions and/or answer options were China, Saudi Arabia, and Thailand.





2024 Edelman Trust Barometer: Sample

### **Survey Languages Used and Internet Penetration by Country**

	Languages	Internet Penetration*		Languages	Internet Penetration*		Languages	Internet Penetration*
Global	-	-	Indonesia	Indonesian	76%	Singapore	Localized English, Simplified Chinese	92%
Argentina	Localized Spanish	91%	Ireland	Localized English	89%	S. Africa	Localized English, Afrikaans	63%
Australia	Localized English	89%	Italy	Italian	91%	S. Korea	Korean	97%
Brazil	Portuguese	83%	Kenya	Localized English	84%	Spain	Spanish	92%
Canada	Localized English, Canadian French	93%	Japan	Japanese	93%	Sweden	Localized English, Swedish	97%
China	Simplified Chinese	70%	Malaysia	Malay	94%	Thailand	Thai	88%
Colombia	Localized Spanish	83%	Mexico	Localized Spanish	77%	UAE	Localized English, Arabic	100%
France	French	92%	Netherlands	Localized English, Dutch	95%	UK	Localized English	95%
Germany	German	94%	Nigeria	Localized English	68%	U.S.	English, Localized Spanish	94%
India	Localized English, Hindi	60%	Saudi Arabia	Localized English, Arabic	89%			



#### Data Analysis Explained:

### **French Data Model**

In 2021, the translation of "government in general" in the French questionnaire was incorrectly changed to "authorities in general," affecting data in all studies conducted in France from 2021 to 2023. When we discovered the inconsistency in early 2023, we suppressed all affected data while investigating the possibility of modeling and replacing the missing data.

Over the course of 2023, we built a data model that could reliably predict what the France data would have been if the translation were consistent. This involved identifying items (shown in the list on the right) that are predictive of trust in government in other Western democracies and testing whether they had similar predictive power in France.

To build a model with a sufficient level of accuracy, we iterated through 5,000 different randomly split samples, controlling for gender, income, age, and other demographics, of France data collected in the 2024 Edelman Trust Barometer and in the 2023 Special Report: Trust and Climate Change. In both surveys, we used the accurate translation for trust in "government in general," along with the predictor variables. In both surveys, we also included the trust in "authorities in general" attribute for our French respondents. This allowed us to include the mistranslated variable in our model as one of the predictors for trust in government.

For each split sample, 75% of the sample was used to train the data, and the remaining 25% was used as a test group. Using a random forest classification model, we were able to accurately classify 89.41% of respondents as trusters or non-trusters, which gave us the confidence to repopulate the data in affected reports with data from our predictive model.

The modeled data was applied to the France data from each impacted year (2021, 2022, and 2023) to predict the overall level of trust in government in general. The Trust Index for those years has also been updated, given that trust in government is part of that calculation.

Predictors	Question text							
	<b>TRU_INS:</b> Below is a list of institutions. For each one, please indicate how much you trust that institution to do what is right using a 9-point scale where one means that you "do not trust them at all" and nine means that you "trust them a great deal".							
Trust in institutions	Media in general							
	Business in general							
	Non-governmental organizations (NGOs)							
	Authorities in general							
Economic optimism	<b>CNG_FUT:</b> Thinking about the economic prospects for yourself and your family, how do you think you and your family will be doing in five years' time?							
Government competence	TRU_3D_GOV: To what extent do you agree with the following statement?							
	Government in general is good at what it does							
Fears of gig-	POP_EMO: Some people say they worry about many things while others say they have few concerns. We are interested in what you worry about. Specifically, how much do you worry about each of the following?							
economy	Permanent jobs with benefits being replaced by freelance, gig-economy or short-term jobs that do not offer benefits							
	<b>GOV_PER_DIM:</b> In thinking about why you do or do not trust government in general, please specify where you think it falls on the scale between the two opposing descriptions.							
Government	Highly effective agent of positive change							
ethics dimensions	Honest and fair							
	Has a vision for the future that I believe in							
	Serves the interests of everyone equally and fairly							

#### Data Analysis Explained:

### **Innovation Management Scale**

The Innovation Management scale was created by averaging respondents' answers to five attributes measured on 9-point scales, shown in the table to the right.

- Respondents who believe that innovation is well managed were those that scored between 1 – 4.49 on the Innovation Management Scale, meaning on average they disagreed with these statements.
- Respondents who scored between 4.5 5.49 on the scale were classified as neutral.
- Respondents who believe that innovation is poorly managed scored between
   5.5 9 on the Innovation Management Scale, meaning on average they agreed with these statements.

The specific items in the scale were chosen for their ability to represent three dimensions of innovation management and development:

- Trust in institutions to manage the introduction of new technologies and innovations
- Government's ability to regulate emerging technologies effectively
- Outside influence on science, in terms of how it's conducted

Items	Question text						
Trust in business and	<b>TRU_INS_TCNG.</b> Below is a list of institutions. For each one, please indicate how much you trust that institution to do what is right when it comes to ensuring that the introduction of new technologies and innovations into society is well-managed (e.g., they are <a href="safe">safe</a> , <a href="understood">understood</a> by the public, <a href="beneficial">beneficial</a> to society as a whole, and <a href="accessible">accessible</a> to the people who need them). <a href="reverse scored">- reverse scored</a>						
NGOs	Business in general						
	Non-governmental organizations (NGOs)						
Government	<b>POP_MDC.</b> Below is a list of statements. For each one, please rate how <u>true</u> you believe that statement is using a nine-point scale where one means it is "not at all true" and nine means it is "completely true".						
regulation	The people in government in charge of regulating technology do not have an adequate understanding of emerging technologies to be able to regulate them effectively						
	<b>CHG_AGR.</b> Please indicate how much you agree or disagree with the following statements.						
Science influenced by politics and	Science has become politicized in this country						
money	Government and other large organizations that fund research have too much influence on how science in this country is done						



#### Data Analysis Explained:

### Classifying Respondents as Generally Resistant to Innovations

Respondents were asked to characterize their feelings about each of the four innovations (shown below) using the scale to the right.

To classify respondents as resistant to innovations, we calculated an average score across the four innovations. If a respondent's average score was less than 2.5 (rounded to a 1 or 2), they were classified as rejecting of innovation.

#### **Innovations**

The growing use of **artificial intelligence** such as machine learning, natural language processing, and generative Al

The growing use of **green energy** such as biofuels and renewable natural gas, liquid hydrogen, and wind and solar power

The growing use of **genetically modified foods** (foods that are derived from genetically modified organisms, commonly referred to as GMOs) such as drought-, pest-, and disease-resistant crops, faster-growing fish, and produce that has a longer shelf life

The growing use of **gene-based medical technologies** such as mRNA vaccines, gene splicing, and gene therapy

#### **Scale points**

- 1. **Resistant**: I am very worried about this. I boycott products and services that incorporate these technologies and urge others to do the same.
- Hesitant: I am concerned about this. I personally try to avoid using products and services that incorporate these technologies.
- 3. Comfortable: I am okay with this. I will use products and services that incorporate these technologies but won't actively seek them out.
- **4. Enthusiastic**: I am excited about this. I am looking to increase my use of products and services that incorporate these technologies.
- **5. Passionate**: I am a big advocate for this. I am looking to increase my use of products and services that incorporate these technologies and actively encouraging others to do the same.



#### Data Analysis Explained:

### **Average Acceptance Rating**

Respondents were asked to separately rate four technologies (green energy, artificial intelligence, gene-based medicine, and GMO foods, as shown on the previous Tech Appendix slide) on a 5-point scale, ranging from Resistant to Passionate (see full scale to the right). We calculated overall levels of acceptance across the population by taking the average scale point selected.

Segments of the population were classified as one of the five categories, based on the cut points in the table to the far right.

- If the average of an audience segment fell between 1-2.49, they were classified as "rejecting" the innovation.
- Audience segments with an average score of 3.5-5 were classified as "embracing" the innovation.

This method of calculating an average acceptance rating was applied to different audiences throughout the report.

Segment category	Range
Resistant: I am very worried about this. I boycott products and services that incorporate these technologies and urge others to do the same.	1-1.49
<b>Hesitant</b> : I am concerned about this. I personally try to avoid using products and services that incorporate these technologies.	1.5-2.49
Comfortable: I am okay with this. I will use products and services that incorporate these technologies but won't actively seek them out.	2.5-3.49
Enthusiastic: I am excited about this. I am looking to increase my use of products and services that incorporate these technologies.	3.5-4.49
Passionate: I am a big advocate for this. I am looking to increase my use of products and services that incorporate these technologies and actively encouraging others to do the same.	4.5-5
Don't know / not sure	



#### Data Analysis Explained:

### How We Plotted the Institutional Competence and Ethics Scores

We define trust as the combination of competence and ethics. The report features a chart depicting how competent and ethical each of the institution are rated to be. Here's how we calculated each score.

The competence score (the x-axis of the plot): An institution's competence score is a net of the top 3 box (AGREE) minus the bottom 3 box (DISAGREE) responses to the question "To what extent do you agree with the following statement? [INSTITUTION] in general is good at what it does". The resulting net score was then subtracted by 50, which means that for an institution to qualify as competent, it would require a net difference of 51 points or more in its percentage of top 3-box ratings versus its bottom 3-box ratings. This ensures that an institution could not be considered competent unless there is a majority who rate it as such.

The net ethical score (the y-axis of the plot): The ethics dimension is defined by four separate items. For each item, a net score was calculated by taking the top 5 box percentage representing a positive ethical perception minus the bottom 5 box percentage representing a negative ethical perception. The y-axis value is an average across those 4 net scores. Scores higher than zero indicate an institution that is perceived as ethical.

#### **Respondents were asked:**

In thinking about why you do or do not trust [INSTITUTION], please specify where you think they fall on the scale between the two opposing descriptions. (Please use the slider to indicate where you think [INSTITUTION] falls between the two extreme end points of each scale.)

Dimension	Ethical Perception	Unethical Perception
Purpose-Driven	Highly effective agents of positive change	Completely ineffective agents of positive change
Honest	Honest and fair	Corrupt and biased
Vision	Have a vision for the future that I believe in	Do not have a vision for the future that I believe in
Fairness	Serve the interests of everyone equally and fairly	Serve the interests of only certain groups of people



# Full Question Text

Full Text For Answer Choices Abbreviated

### Dispersion of Authority: Peers on Par With Scientists

TRU\_PEP\_TCNG. Below is a list of categories of people. For each one, please indicate how much you trust that person or group of people to tell you the truth about new innovations and technologies. (Please select one response for each.)

Shortened	Full
NGO representatives	A representative of a non-profit organization or NGO
Scientists	Scientists or technical experts in general
Company technical expert	A scientist or technical expert working for a company that is helping to develop the new innovation or technology



2024 Edelman Trust Barometer:

Full Text For Answer Choices Abbreviated

### **Economic Fears Persist as Societal Concerns Rise**

POP\_EMO. Some people say they worry about many things while others say they have few concerns. We are interested in what you worry about. Specifically, how much do you worry about each of the following? Please indicate your answer using a nine-point scale where one means "I do not worry about this at all" and nine means "I am extremely worried about this". (Please select one response for each.)

Shortened	Full
Job loss (net)	Automation and/or other innovations taking your job away Your job being moved to other countries where workers are paid less Cheaper foreign competitors driving companies like yours out of business Not having the training and skills necessary to get a good paying job International conflicts about trade policies and tariffs hurting the company you work for Losing your job as a result of a looming recession Permanent jobs with benefits being replaced by freelance, gig-economy, or short-term jobs that do not offer benefits
Inflation	Your pay increases not keeping up with the inflation rate causing you to lose ground financially
Climate change	Climate change leading to drought, rising sea levels and other natural disasters
Hackers	Hackers, cyber-attacks and cyber-terrorism
Nuclear war	International conflicts escalating into nuclear war
Information war	Other countries waging an information war against us by purposefully contaminating our media with falsehoods and publishing things meant to inflame our differences



Full Text For Answer Choices Abbreviated

# Trust in Industry Sectors Does Not Guarantee Trust in Industry Innovations

TEC\_TRU. How much do you trust each of these technologies? (Please select one response for each.)

Shortened	Full
Artificial intelligence	Artificial intelligence such as machine learning, natural language processing, and generative Al
Genetically modified foods	Genetically modified foods (foods that are derived from genetically modified organisms, commonly referred to as GMOs) such as drought-, pest-, and disease-resistant crops, faster-growing fish, and produce that has a longer shelf life
Green energy	Green energy such as biofuels and renewable natural gas, liquid hydrogen, and wind and solar power
Gene-based medicine	Gene-based medical technologies such as mRNA vaccines, gene splicing, and gene therapy



2024 Edelman Trust Barometer:
Full Text For Answer Choices Abbreviated

# **Acceptance of Innovation at Stake**

CHG\_TEC\_COM. How would you characterize your feelings about each of the following?

Shortened	Full
I reject this innovation	Resistant: I am very worried about this. I boycott products and services that incorporate these technologies and urge others to do the same
,	Hesitant: I am concerned about this. I personally try to avoid using products and services that incorporate these technologies.
	Enthusiastic: I am excited about this. I am looking to increase my use of products and services that incorporate these technologies.
I embrace this innovation	Passionate: I am a big advocate for this. I am looking to increase my use of products and services that incorporate these technologies and actively encouraging others to do the same.
Green energy	The growing use of green energy such as biofuels and renewable natural gas, liquid hydrogen, and wind and solar power
AI	The growing use of artificial intelligence such as machine learning, natural language processing, and generative Al
Gene-based medicine	The growing use of gene-based medical technologies such as mRNA vaccines, gene splicing, and gene therapy
GMO foods	The growing use of genetically modified foods (foods that are derived from genetically modified organisms, commonly referred to as GMOs) such as drought-, pest-, and disease-resistant crops, faster-growing fish, and produce that has a longer shelf life



Full Text For Answer Choices Abbreviated

## **Government Lacks Competence to Regulate Emerging Innovations**

Shortened	Full
Government regulators lack adequate understanding of emerging technologies to regulate them effectively	The people in government in charge of regulating technology do not have an adequate understanding of emerging technologies to be able to regulate them effectively



2024 Edelman Trust Barometer:

Full Text For Answer Choices Abbreviated

### Nearly 2x More Likely to Fear Innovation Poorly Managed

TRU\_INS\_TCNG. Below is a list of institutions. For each one, please indicate how much you trust that institution to do what is right when it comes to ensuring that the introduction of new technologies and innovations into society is well-managed (e.g., they are safe, understood by the public, beneficial to society as a whole, and accessible to the people who need them). (Please select one response for each.)

Shortened	Full
Do I trust how business and NGOs introduce innovations into society?	Business in general Non-governmental organizations



Full Text For Answer Choices Abbreviated

# Nearly 2x More Likely to Fear Innovation Poorly Managed

Shortened	Full
Can government regulate new technologies?	The people in government in charge of regulating technology do not have an adequate understanding of emerging technologies to be able to regulate them effectively



Full Text For Answer Choices Abbreviated

# Nearly 2x More Likely to Fear Innovation Poorly Managed

CHG\_AGR. Please indicate how much you agree or disagree with the following statements. (Please select one response for each.)

Shortened	Full
Is science independent of politics and money?	Science has become politicized in this country.  Government and other large organizations that fund research have to much influence on how science in this country is done.



2024 Edelman Trust Barometer:
Full Text For Answer Choices Abbreviated

# When Institutions Mismanage Innovation, We Feel Both Technology and Society Are Leaving Us Behind

Shortened	Full
Technology is changing too quickly, in ways that are not good for people like me	Technological innovations are happening too quickly and are leading to changes that are not good for people like me



Full Text For Answer Choices Abbreviated

### When Institutions Mismanage Innovation, Fairness and Capitalism in Question

Shortened	Full
The system is biased in favor of the rich	The system is biased against regular people and in favor of the rich and powerful



Full Text For Answer Choices Abbreviated

### Scientists and Experts Expected to Lead on Implementation of Innovation

RSP\_TEC\_CHG. How big a role do you feel each of the following should have in ensuring that the introduction of new technologies and innovations is well-managed (e.g., they are safe, understood by the public, beneficial to society as a whole, and accessible to the people who need them)? (Please select one response for each.)

Shortened	Full
Academics, educators	Academics and educators
Central government leaders	Central / federal government leaders



2024 Edelman Trust Barometer:

Full Text For Answer Choices Abbreviated

### To Earn My Acceptance, Show Me the Innovation Is Vetted by Scientists and Ethicists

TEC\_TST. How confident are you that these technologies have been adequately tested, evaluated, and assessed by scientists, ethicists, and other experts? (Please select one response for each.)

Shortened	Full
Confidence that each innovation has been evaluated by scientists and ethicists	How confident are you that these technologies have been adequately tested, evaluated, and assessed by scientists, ethicists, and other experts?



2024 Edelman Trust Barometer:
Full Text For Answer Choices Abbreviated

## I'm Doing My Own Research: Help Me Find Information I Can Trust

INO\_INF\_SRC. Where do you get most of your information and knowledge about new technologies and innovations from?

Shortened	Full
National media	National newspapers or national TV or radio news programs
My friends and family	In conversations with my friends and family
Local media	Local newspapers or local TV or radio news programs
Social media (net)	My social media news feed, On social media posted by, or forwarded from, someone in my social network



Full Text For Answer Choices Abbreviated

### To Be Trusted With Innovation, Give Me a Voice

[INS]\_CHG\_PER. If [institution] wants to earn or keep your trust in their being good stewards or managers of change, how important is it that they do each of the following in response to the technological and social changes taking place in your country today? (Please select one response for each.)

Shortened	Full
Hear our concerns, let us ask questions	Give people the opportunity to ask questions and to have their concerns heard when it comes to change and innovation
Keep innovations affordable	Institute fair and reasonable pricing that makes new technologies or innovations generally affordable
Institute safeguards	Institute safeguards to protect us from potential harm or exploitation by new technologies developed in other countries
Communicate pluses and minuses	Clearly communicate the nature of new innovations and technologies, including potential benefits and negative side effects
Protect our core values	Protect and maintain our core values and traditions in the face of change
Aid the vulnerable	Aid those who need help coping with the consequences of change



Full Text For Answer Choices Abbreviated

### **CEOs: Address Impacts of Innovation in Society**

CEO\_RSP\_CHOICE. You are about to see two choices. We want you to choose the one that best describes your beliefs. (Please select only one of the two options given.)

#### **Shortened**

Full

I expect CEOs to manage changes occurring in society, not just those occurring in their business

I expect CEOs to work to manage changes that are occurring in society in addition to those occurring within their organizations or that are directly related to their products and services



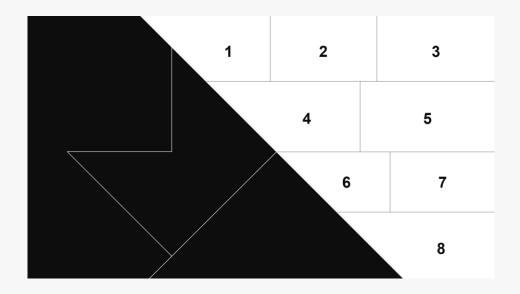
Full Text For Answer Choices Abbreviated

## **CEOs: Address Impacts of Innovation in Society**

CEO\_ISS. How important is it to you that the CEO or head of the organization you work for speaks out publicly about each of the following issues? Please indicate your answer using the following 9-point scale where one means "not at all important" and nine means "very important" (Please select only one response for each.)

Shortened	Full
Job skills of the future	Training, education, and job skills of the future
Ethical use of technology	The ethical use of technology
Automation impact on jobs	Technology and automation and their impact on jobs





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Supporters of former President Jair Bolsonaro clash with security forces as they raid the National Congress in Brasilia, Brazil, 08 January 2023. Joedson Alves/Anadolu Agency via Getty Images

#### Slide 15 Innovation on the Ballot

A tractor with a flag that translates into "When farmers starve, hunger is born" drives back from a rural farmers' protest against the government's plan to curb nitrogen pollution by 70 percent by 2030, in Stroe, near Amsterdam: Sem Van Der Wal/ANP/AFP via Getty Images

#### Slide 25 A Reset for Science in Society

World Health Organization (WHO) Director-General Tedros Adhanom Ghebreyesus attends a daily press briefing on the COVID-19 outbreak: Fabrice Coffrini/AFP via Getty Images

#### Slide 32 Restoring Trust in the Promise of Innovation

Technician in sterile coverall holds wafer that reflects many different colors: PonyWang via Getty Images



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