

2024 Edelman Trust Barometer

Informe España



2024 Edelman Trust Barometer

Metodología

Encuesta online anual 2024

Estudio realizado del 3 de noviembre al 22 de noviembre de 2023

28

Países

32.000+

Encuestados

1.150+/-

Encuestados por país

Argentina	Colombia	Irlanda	México	África del Sur	Emiratos Árabes
Australia	Francia	Italia	Países Bajos	Corea del Sur	Reino Unido
Brasil	Alemania	Japón	Nigeria	España 🇪🇸	Estados Unidos
Canadá	India	Kenia	Arabia Saudí	Suecia	
China	Indonesia	Malasia	Singapur	Tailandia	

Los datos recopilados son representativos de la población general en cuanto a edad, género, región y etnia/nacionalidad (cuando corresponda) dentro de cada país

El tamaño de la muestra varía por país desde 1.109 hasta 1.500.

Margen de error global en 28 países: población general +/- 0.7 puntos porcentuales (n=32, 492)

Margen de error específico por país: población general +/- 3.3 a 3.9 puntos porcentuales (varía por país según el tamaño de la muestra n=1.109 a n=1.500)

El margen de error está calculado a un nivel de confianza del 99%

Promedios globales

A menos que se indique lo contrario, la media global se calcula sobre la base de los 28 países.

Relevancia estadística

— 0 — + ○ Cambio significativo

Indica una diferencia o cambio estadísticamente significativo en los datos que es poco probable que se deba al azar o a una fluctuación aleatoria. Todos los cambios significativos interanuales fueron determinados utilizando una prueba T con un nivel de confianza del 99% o superior

Edición de preguntas

En el presente informe, el texto de las preguntas ha sido editado para mejorar su legibilidad

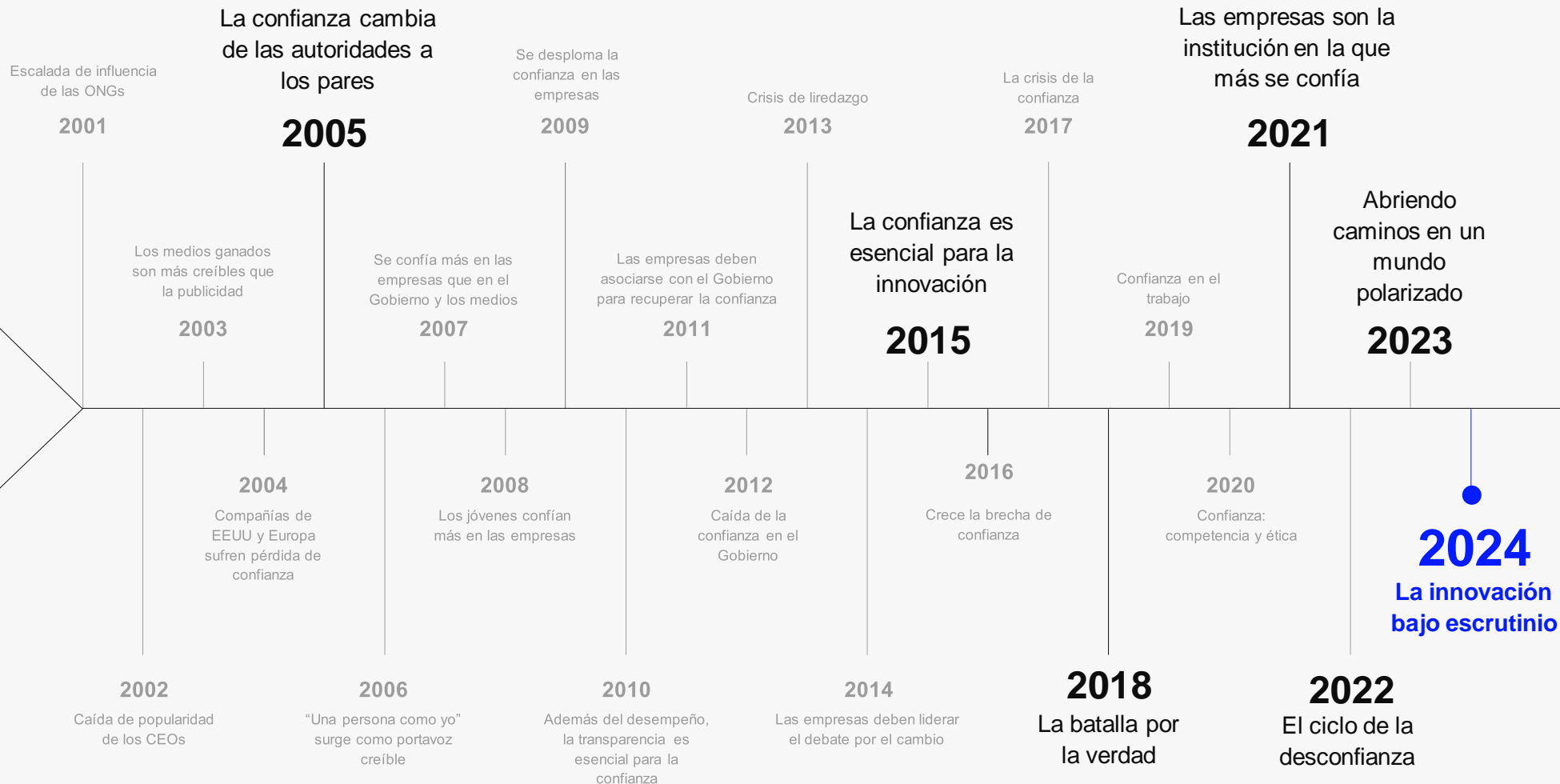
Para más detalles sobre la media global y la metodología específica empleada, por favor, consulte el Apéndice Técnico



24

años del Trust

Los cambios de poder se intensifican y las divisiones se profundizan

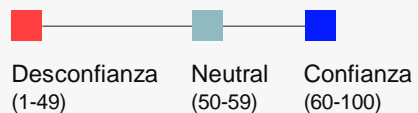


El estado de la confianza en España

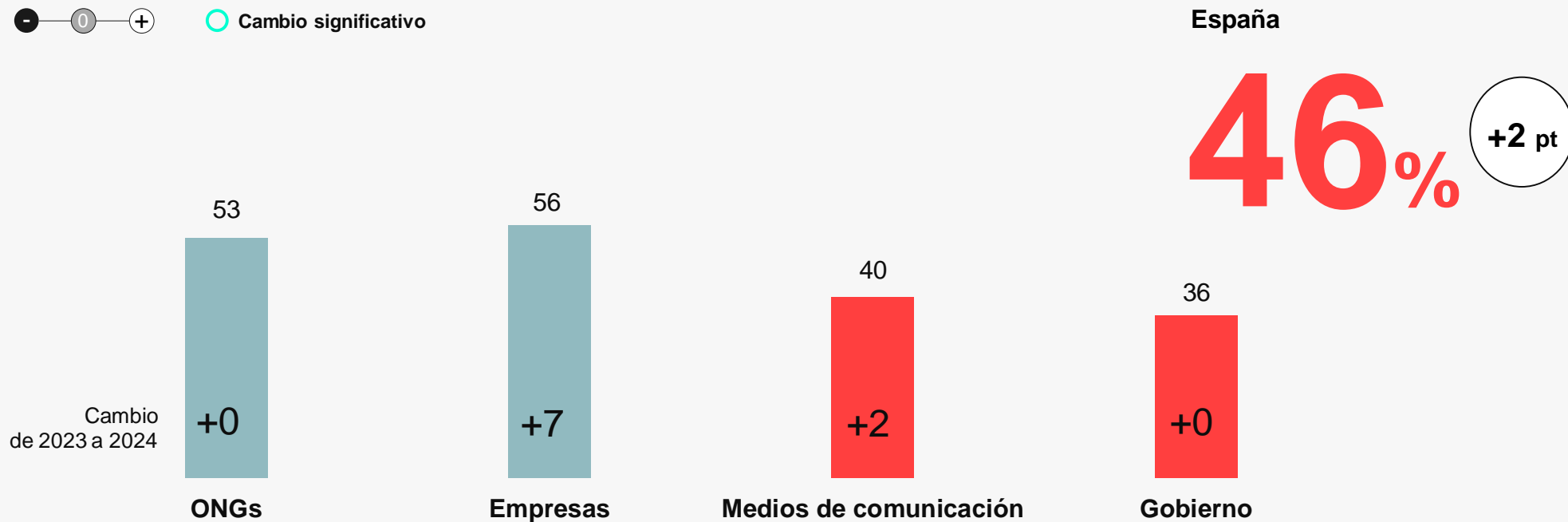


2024. En España, las empresas son la institución en la que más se confía

Porcentaje de confianza



○ Cambio significativo



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.

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.



En España el desequilibrio entre instituciones es patente: las empresas, únicas en ser percibidas tanto competentes como éticas

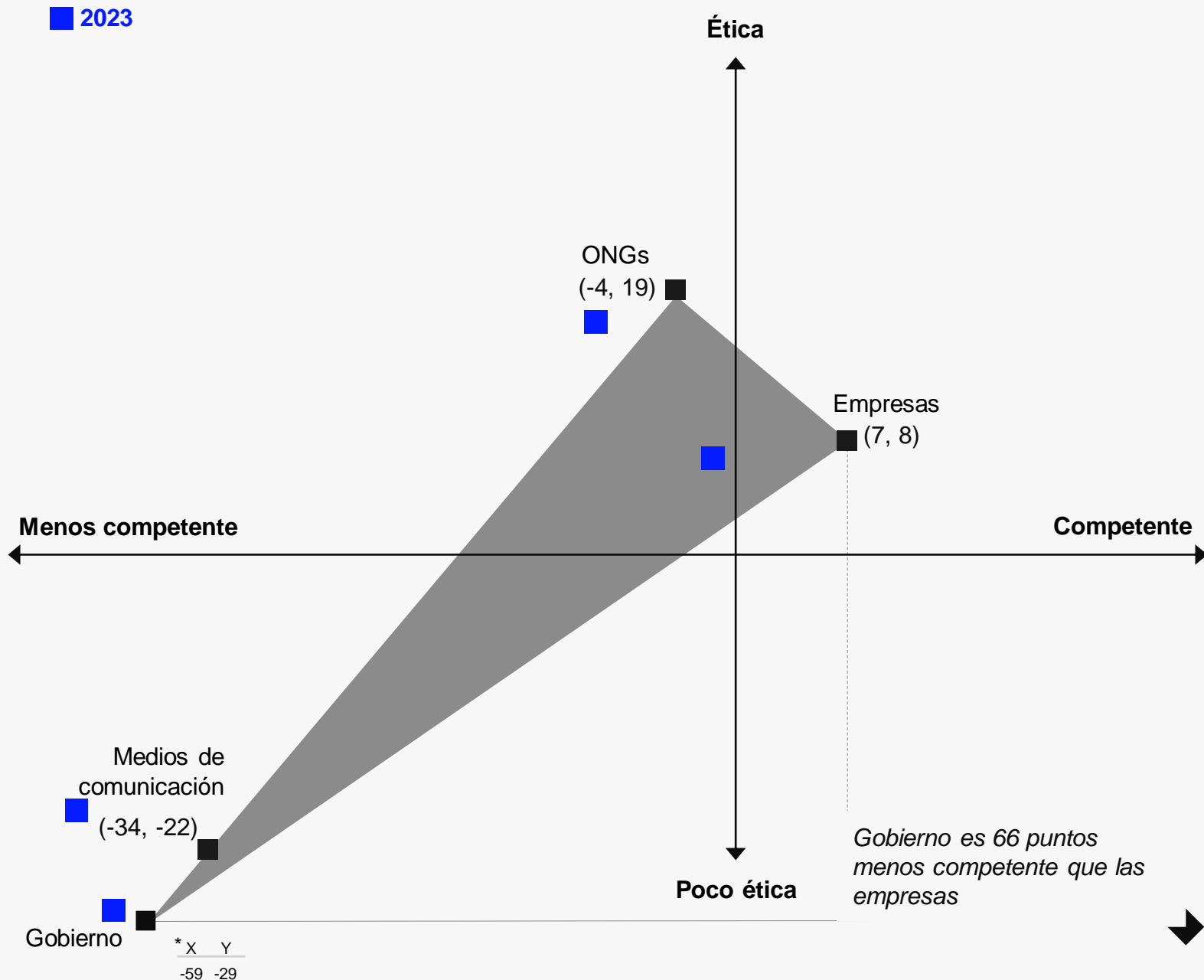
(puntuación competencia, puntuación ética neta)



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, Spain.

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

*Coordinates provided for reference: government point not shown to scale.



Índice 2023-2024: Europa en desconfianza

Índice de confianza

(media porcentual de confianza en ONGs, empresas, Gobierno y medios de comunicación)



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 Población general

2023	Global 28
83	China
75	Indonesia
74	Emiratos Árabes
73	India
71	Arabia Saudí
66	Singapur
66	Tailandia
63	Kenia
62	Malasia
61	México
56	Nigeria
54	Países Bajos
53	Brasil
52	Canadá
51	Colombia
50	Italia
49	Suecia
48	Australia
48	Irlanda
48	Estados Unidos
47	Francia
47	Sudáfrica
46	Alemania
44	España
43	Reino Unido
42	Argentina
38	Japón
36	Corea del Sur

2024 Población general

2024	Global 28
79	China
76	India
74	Emiratos Árabes
73	Indonesia
72	Arabia Saudí
70	Tailandia
68	Malasia
67	Singapur
64	Kenia
61	Nigeria
59	México
56	Países Bajos
53	Brasil
53	Canadá
52	Australia
50	Italia
49	Sudáfrica
49	Suecia
47	Colombia
47	Francia
47	Irlanda
46	España
46	Estados Unidos
45	Alemania
43	Corea del Sur
39	Argentina
39	Japón
39	Reino Unido

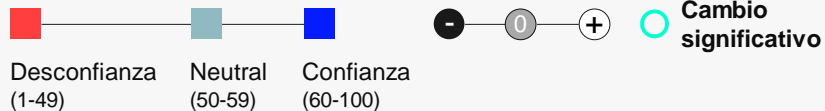
Reino Unido se encuentra entre los países que menos se confía



A nivel global, ‘mi empleador’ es la figura en la que más se confía

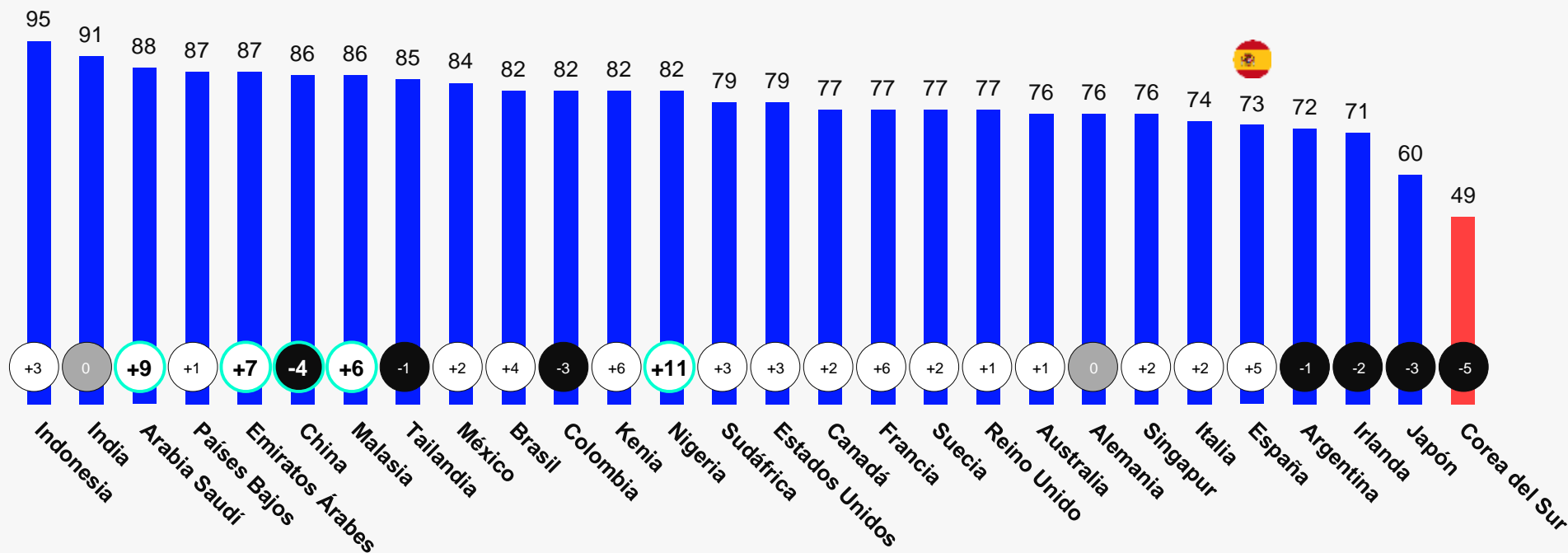
Porcentaje de confianza

GLOBAL 28



Empresas	63
ONGs	59
Gobierno	51
Medios de comunicación	50

+2 pts
Cambio de 2023 a 2024

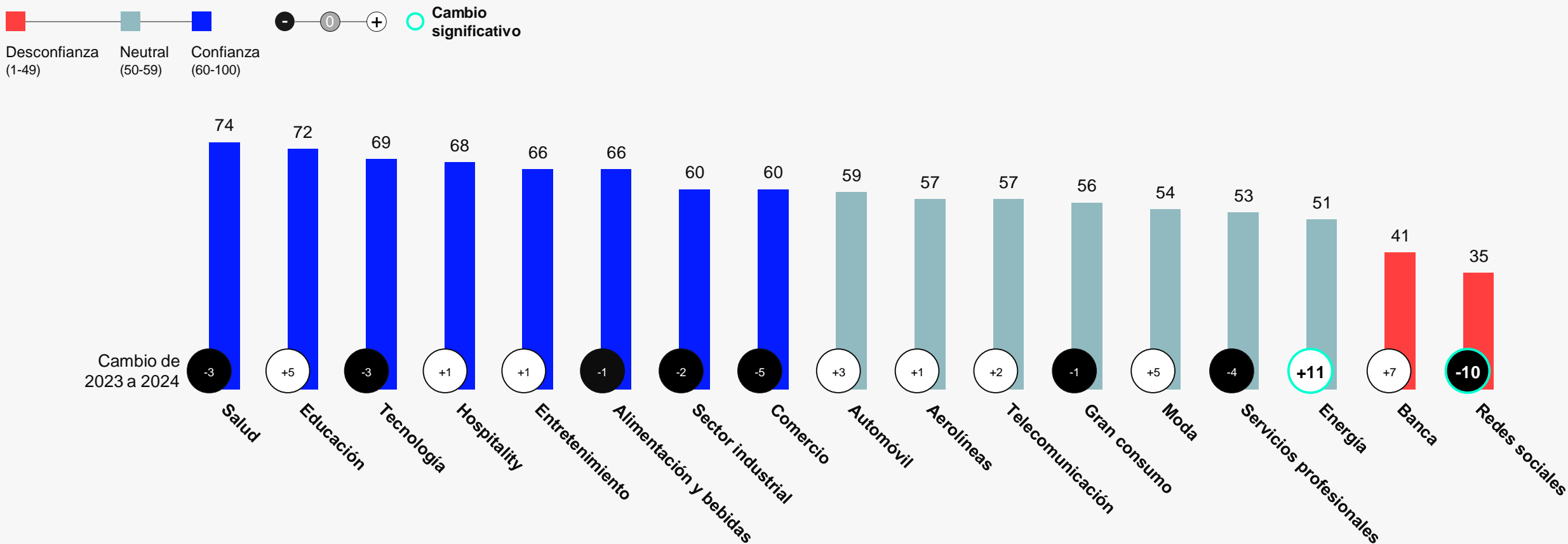


2024 Edelman Trust Barometer. TRU_INS. Below is a list of institutions. For each one, please indicate how much you trust that institution to do what is right. 9-point scale; top 4 box, trust. General population, 28-mkt avg. "Your employer" only shown to those who are an employee of an organization (Q43/1). Year-over-year changes were tested for significance using a t-test set at the 99%+ confidence level.



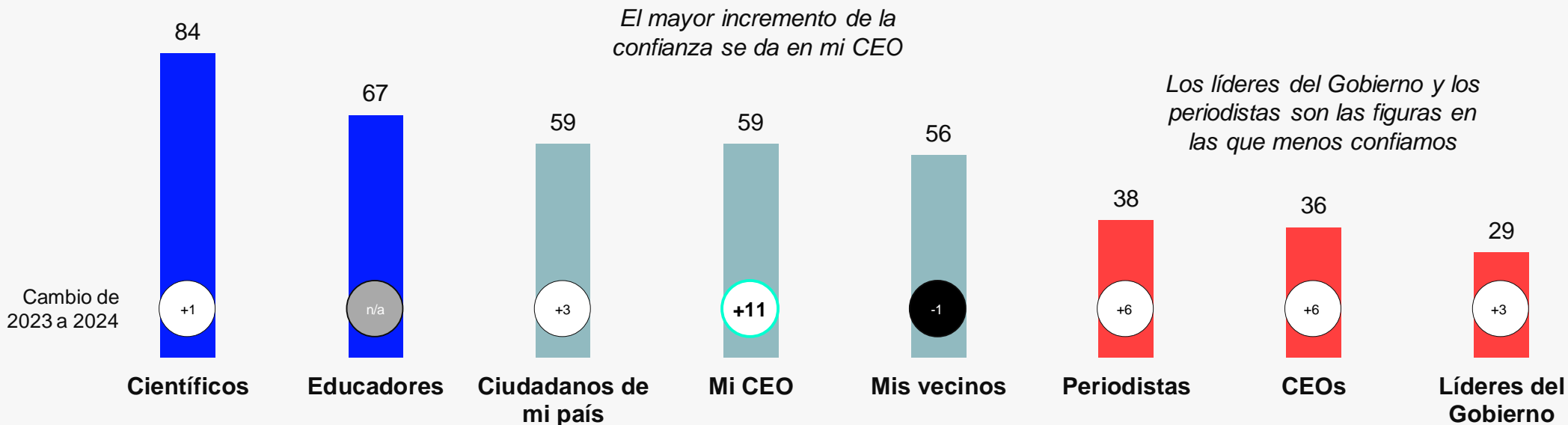
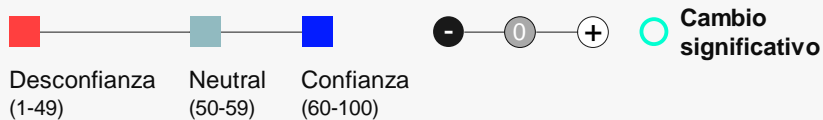
Con aumentos importantes en muchos de los sectores

Porcentaje de los que confían que haga lo correcto en cada sector



En España, aumenta la confianza en prácticamente todos los actores

Porcentaje de confianza en que harán lo correcto



Persiste el temor a la desinformación. Se desconfía de la palabra de los líderes.

Porcentaje que le preocupa



○ Cambio significativo

Existe la impresión de que estos líderes están **manipulando la verdad** al hacer afirmaciones que saben que son falsas o exageradas

61%

Miedo a la desinformación



81%

Líderes del Gobierno

-2 pts
Cambio de 2023 a 2024

73%

Líderes de empresas

-6 pts
Cambio de 2023 a 2024

79%

Periodistas

-1 pts
Cambio de 2023 a 2024



Innovación y confianza



Consenso global: La gestión de la innovación es deficiente

Media del porcentaje que afirma

Quando pienso en innovación

- ¿Confío en que las **empresas** y las **ONGs** introduzcan la innovación en la sociedad?
- ¿Puede el Gobierno regular las nuevas tecnologías?
- ¿Es la ciencia independiente de la **política** y del **poder**?

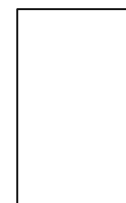
Cerca del doble afirman que la innovación está mal gestionada

43



No,
innovación está
mal gestionada

22



Sí,
innovación está
bien gestionada

35



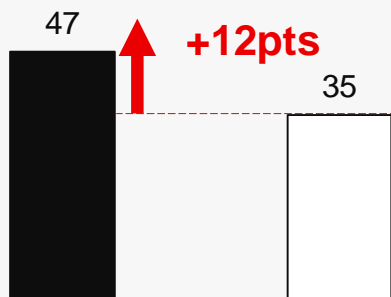
Ninguna



La falta de confianza en la gestión perjudica la percepción del avance

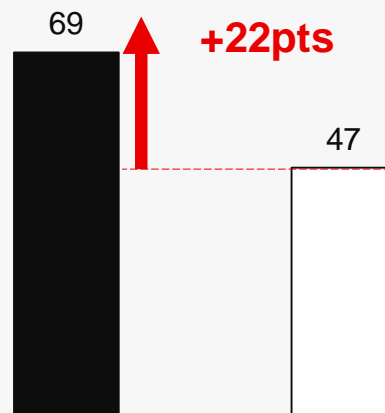
Porcentaje que afirma

La tecnología está evolucionando de una forma tan rápida que pienso que no es algo positivo para personas como yo



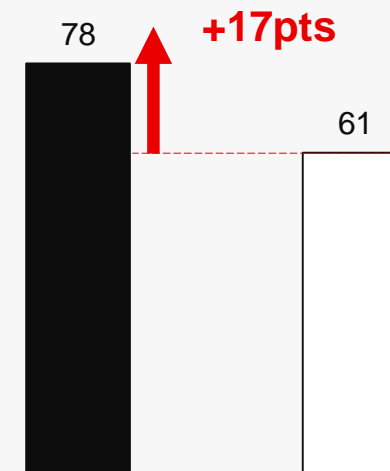
Mal gestionada Bien gestionada

La sociedad está evolucionando tan rápido que está perjudicando a personas como yo



Mal gestionada Bien gestionada

Creo que el sistema favorece a los más ricos



Mal gestionada Bien gestionada

Cuando la innovación está



El Gobierno tiene una gran influencia sobre la ciencia

Porcentaje que afirma

La ciencia está muy politizada en nuestro país

El Gobierno y las organizaciones de investigación tienen demasiada influencia en cómo la comunidad científica actúa

51%

Dato global: 53%

61%

Dato global: 59%



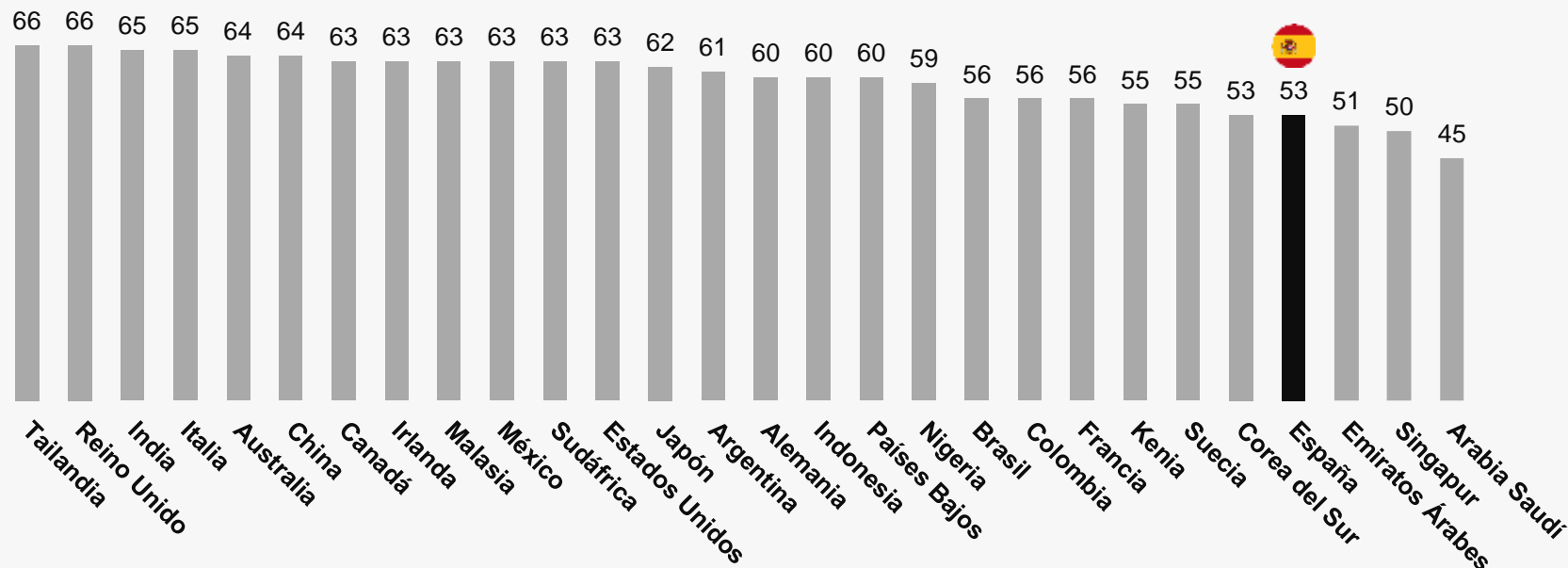
En España, 5 de cada 10 piensa que el Gobierno no es competente para regular la innovación

Porcentaje que asegura

Los reguladores gubernamentales **no tienen la comprensión adecuada de las tecnologías emergentes** para regularlas de forma efectiva

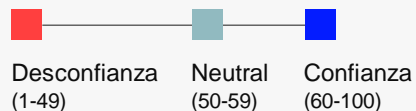
Una amplia mayoría (26 de 28 países) afirman que sus Gobiernos no regulan la innovación de forma apropiada

53%



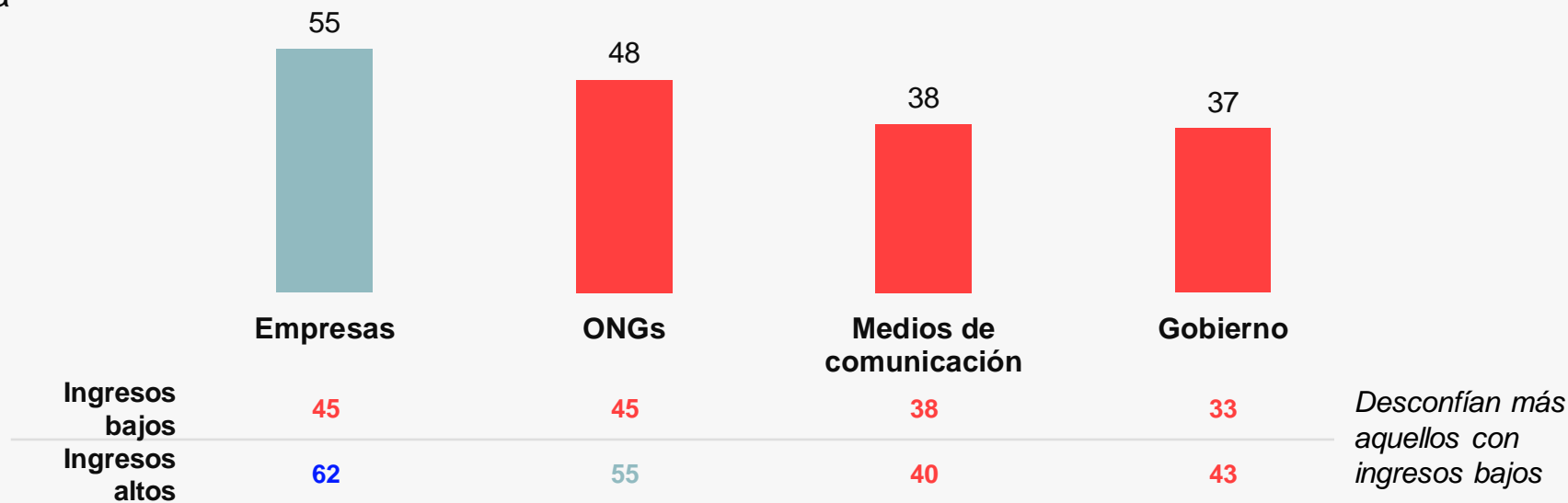
Se confía en que las empresas integren la innovación en la sociedad

Porcentaje que confía



Confío en que cada uno de ellos asegure que la integración de la innovación en la sociedad sea,

- *Segura*
- *Fácil de entender*
- *Útil*
- *Accesible*



Se le exige al CEO que resuelva los impactos de la innovación en la sociedad

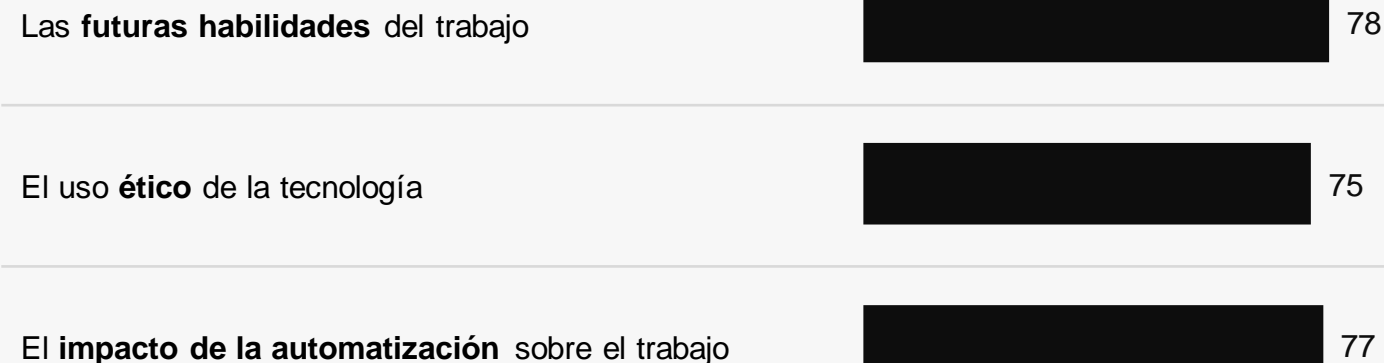
Porcentaje que afirma

Tengo altas expectativas en que los CEO **gestionen y controlen los cambios que se están desarrollando en la sociedad** y no únicamente los relacionados con sus negocios

63%

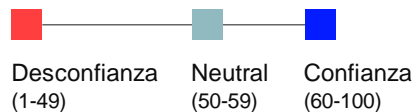
Los empleados dicen

Le exijo a mi CEO que **hable públicamente** sobre:

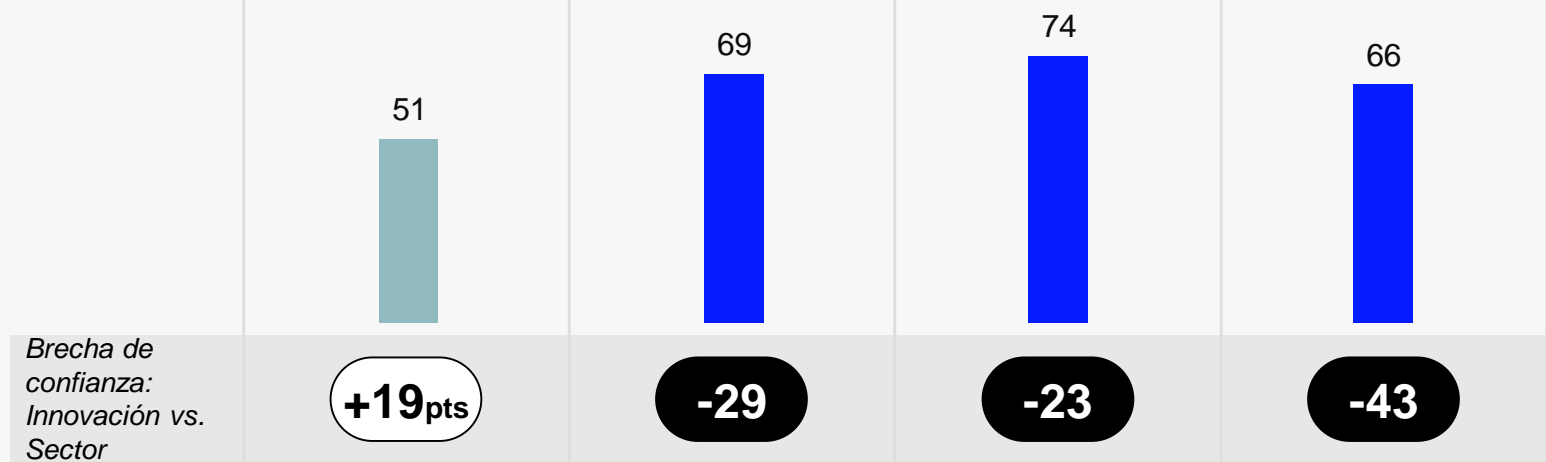


La confianza en el sector no garantiza la confianza en sus innovaciones

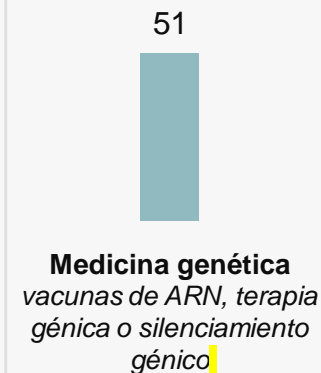
Porcentaje que confía



Confianza en las empresas de cada sector



Confianza la innovación

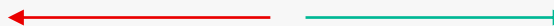


2024 Edelman Trust Barometer. TRU_IND. Please indicate how much you trust businesses in each of the following industries to do what is right. 9-point scale; top 4 box, trust. Question asked of half the sample. TEC_TRU. How much do you trust each of these technologies? 9-point scale; top 4 box, trust.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

La confianza es clave para la aceptación

Porcentaje que afirma

Rechazo esta innovación Acepto esta innovación



Energías verdes

12

58

Éxito de la innovación
Mayor entusiasmo por las energías verdes

Inteligencia artificial

42

23

En una encrucijada:
Las innovaciones más recientes tienen dificultades para generar entusiasmo

Medicina genética

30

33

Alimentos transgénicos

65

11

Fracaso en la innovación
Se resisten a los alimentos genéticamente modificados

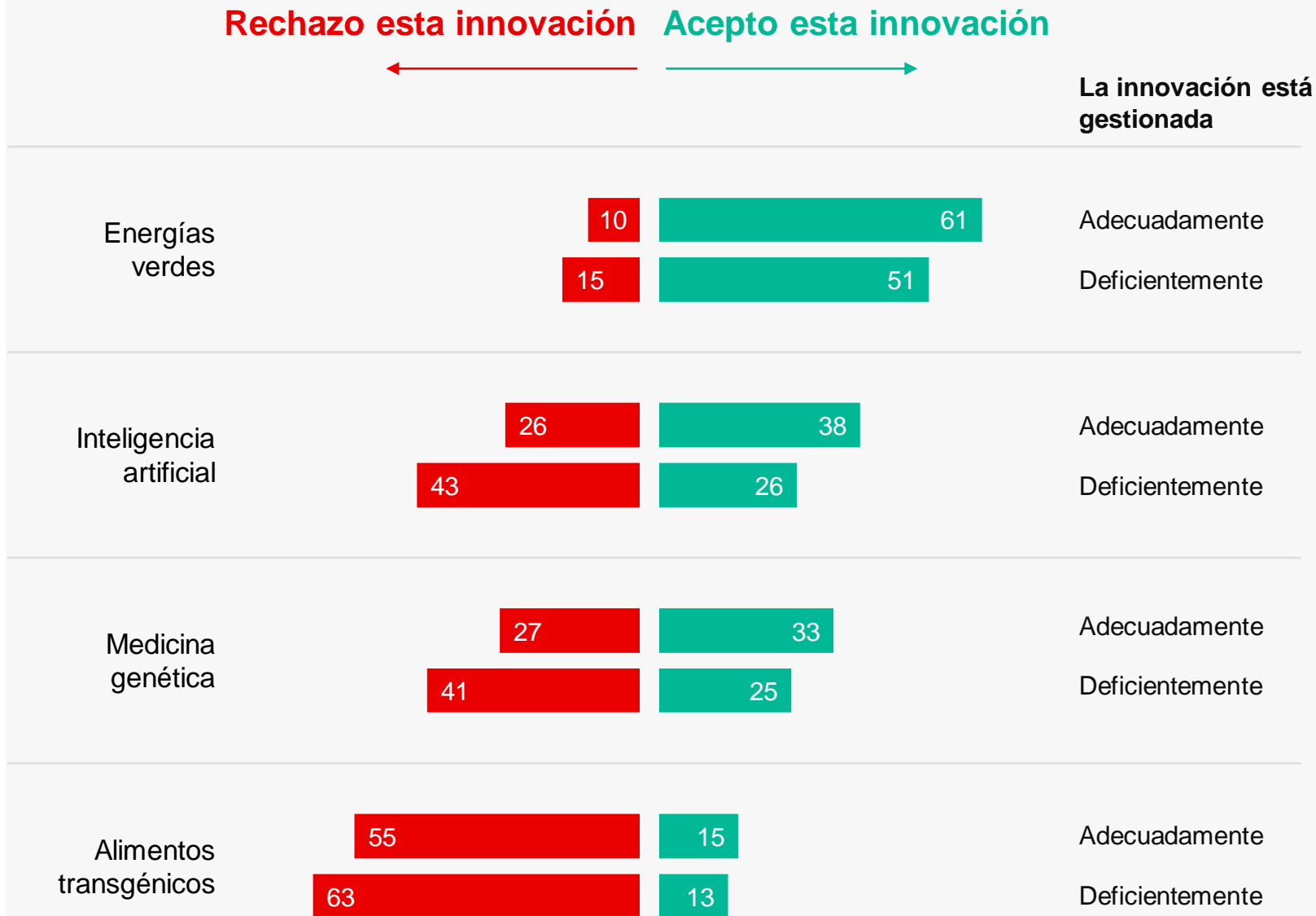


El rechazo y la falta de entusiasmo en las nuevas tecnologías está provocada por una gestión deficiente de las instituciones

Porcentaje que afirma

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.



Restaurando la confianza en la promesa de la innovación



Para aceptar la innovación, necesitamos tener cierto control sobre su impacto en nuestras vidas

Media de aceptación

Por cada innovación

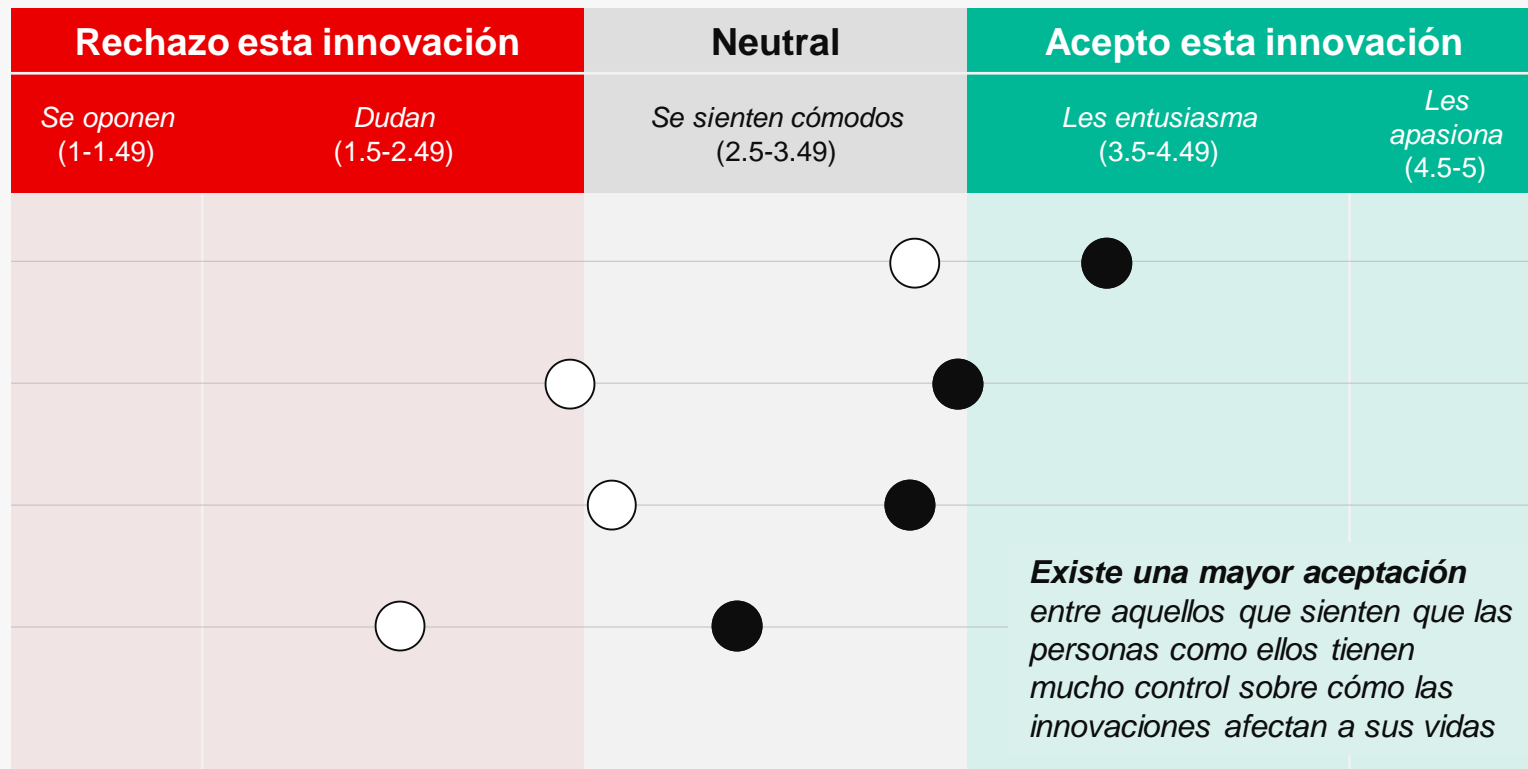
GLOBAL 28

Aquellos que opinan que las personas como yo tienen

○ Poco ● Mucho

control sobre cómo las innovaciones afectan a nuestras vidas

- Energías verdes
- Inteligencia artificial
- Medicina genética
- Alimentos transgénicos



2024 Edelman Trust Barometer. TEC_INF. How much influence or control do you feel people like you have over how these technologies are used in ways that might affect their lives? 5-point scale; top 2 box, a lot of control; bottom 2 box, a little control. Question asked of half the sample. CHG_TEC_COM. How would you characterize your feelings about each of the following? 5-point scale; data plotted is an average acceptance rating for each innovation. General population, 28-mkt avg., by level of control. For a full explanation of how the Average Acceptance Rating was calculated, please see the Technical Appendix.



La aceptación de la innovación aumenta si confiamos en que va a mejorar nuestra calidad de vida

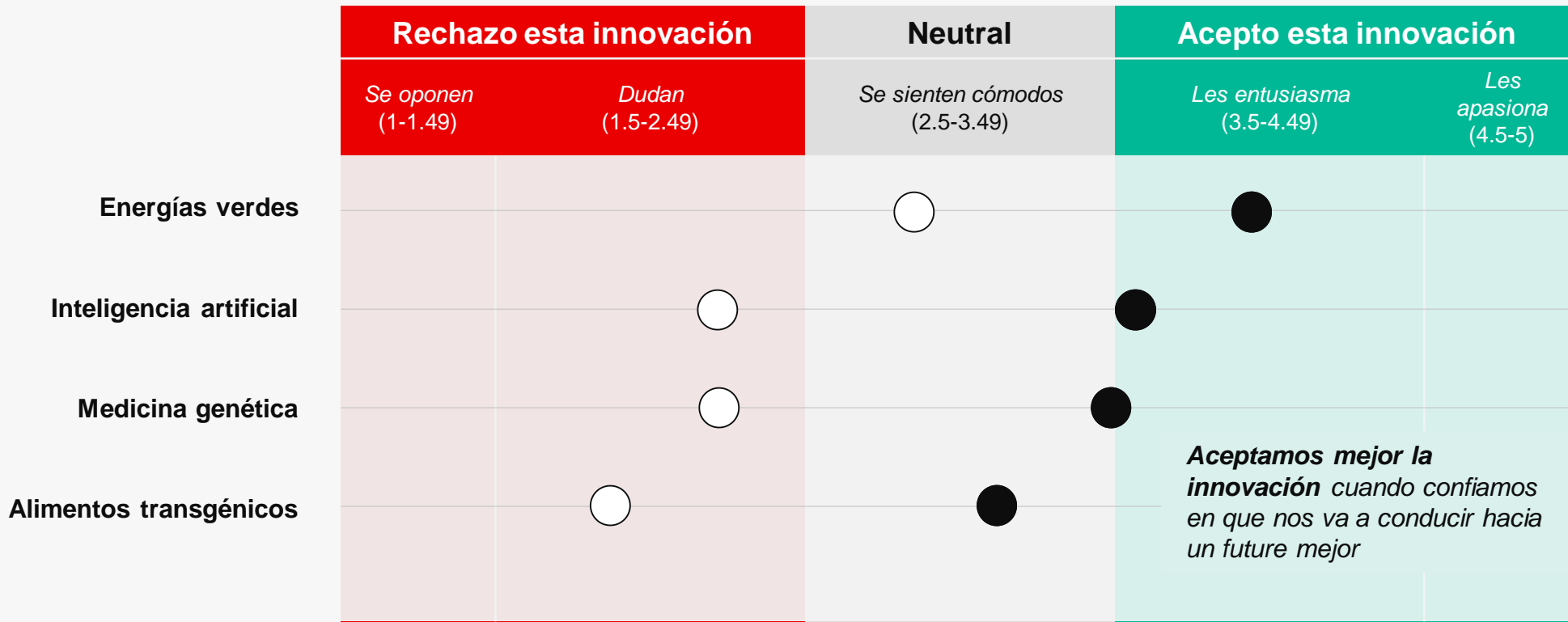
Media de aceptación
Por cada innovación

GLOBAL 28

Aquellos que tienen una

○ baja
● alta

confianza en que cada innovación nos lleve hacia un futuro mejor



2024 Edelman Trust Barometer. TEC_FUT. How confident are you that these technologies will lead us to a better future? 5-point scale; top 2 box, high confidence; bottom 2 box, low confidence. Question asked of half the sample. CHG_TEC_COM. How would you characterize your feelings about each of the following? 5-point scale; data plotted is an average acceptance rating for each innovation. General population, 28-mkt avg., by level of confidence. For a full explanation of how the Average Acceptance Rating was calculated, please see the Technical Appendix.



Solo una regulación efectiva facilitaría la adopción

Media de aceptación

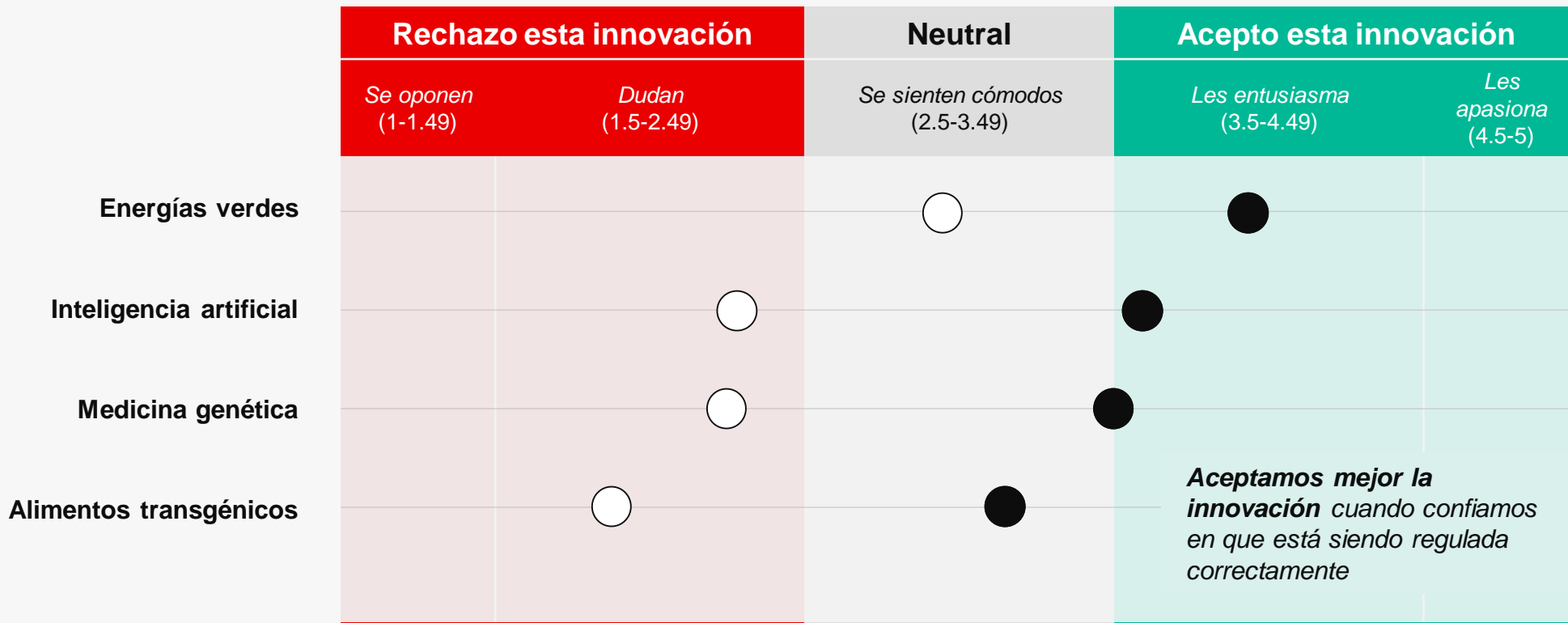
Por cada innovación

GLOBAL 28

Aquellos que tienen una

○ baja
● alta

confianza en que cada innovación está siendo regulada correctamente



2024 Edelman Trust Barometer. TEC_SAF. How confident are you that each of the following is being effectively regulated? 5-point scale; top 2 box, high confidence; bottom 2 box, low confidence. Question asked of half the sample. CHG_TEC_COM. How would you characterize your feelings about each of the following? 5-point scale; data plotted is an average acceptance rating for each innovation. General population, 28-mkt avg., by level of confidence. For a full explanation of how the Average Acceptance Rating was calculated, please see the Technical Appendix.



Empresas y Gobierno deben colaborar en materia de innovación

Porcentaje que afirma

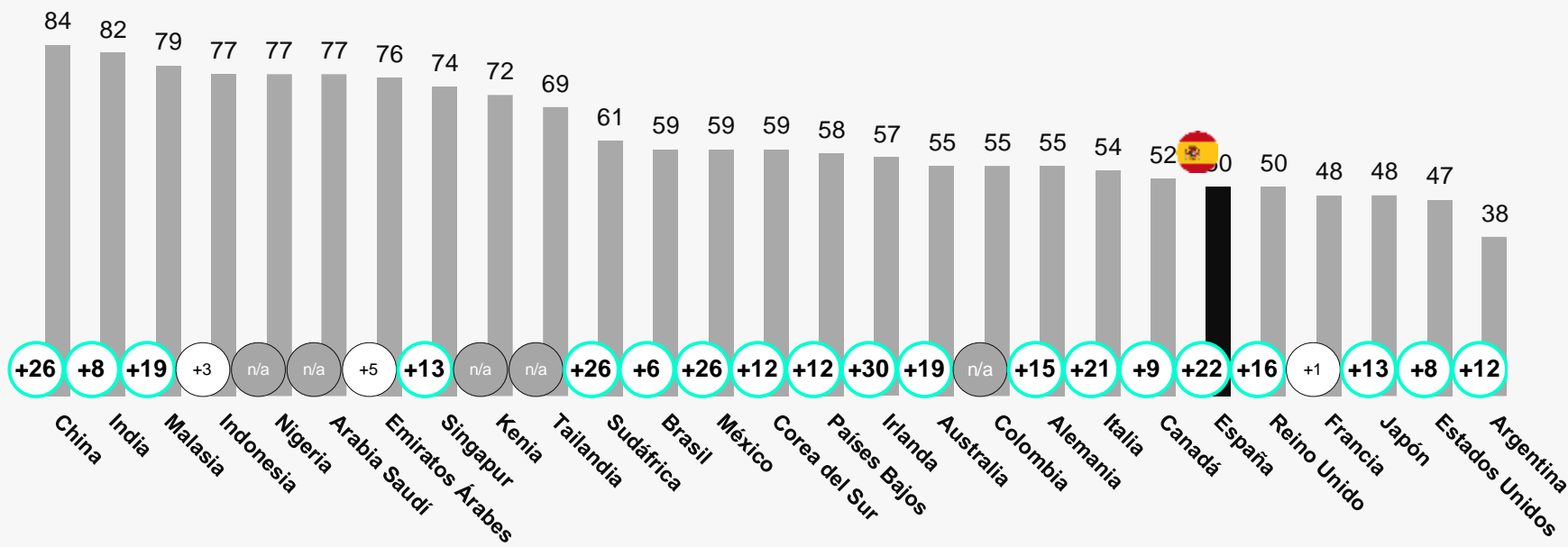
ESPAÑA

Si las empresas colaborasen con el Gobierno, confiaría más en los avances tecnológicos

50%

+22 pts

Cambio de 2015 a 2024



2024 Edelman Trust Barometer. INS_PTN. Below are a number of actions that could impact your trust in business and industry to develop and implement technology-led changes. What impact would each of these actions have on your trust? 9-point scale, top 4 box, trust business and industry more. General population, 22-mkt avg. Year-over-year changes were tested for significance using a t-test set at the 99%+ confidence level.



Ganarás mi aceptación si demuestras que la innovación está supervisada desde una perspectiva científica y ética

Media de aceptación

Por cada innovación

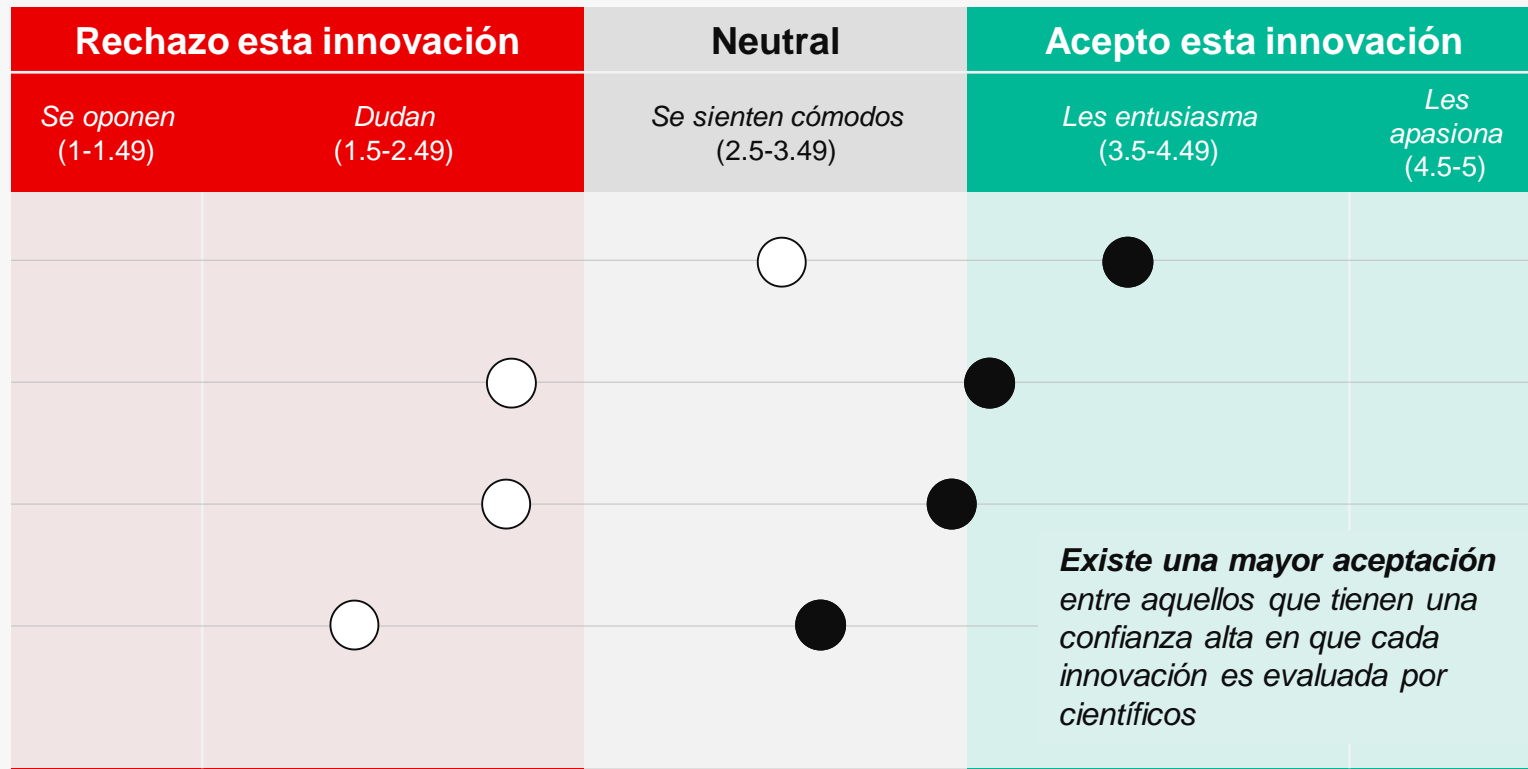
GLOBAL 28

Entre aquellos que tienen una

○ baja ● alta

confianza en que cada innovación ha sido **evaluada desde una perspectiva científica y ética**

Energías verdes
Inteligencia artificial
Medicina genética
Alimentos transgénicos



2024 Edelman Trust Barometer. TEC_TST. How confident are you that these technologies have been adequately tested, evaluated, and assessed by scientists, ethicists, and other experts? 5-point scale; top 2 box, high confidence; bottom 2 box, low confidence. Question asked of half the sample. CHG_TEC_COM. How would you characterize your feelings about each of the following? 5-point scale; data plotted is an average acceptance rating for each innovation. General population, 28-mkt avg., by level of confidence. For a full explanation of how the Average Acceptance Rating was calculated, please see the Technical Appendix.

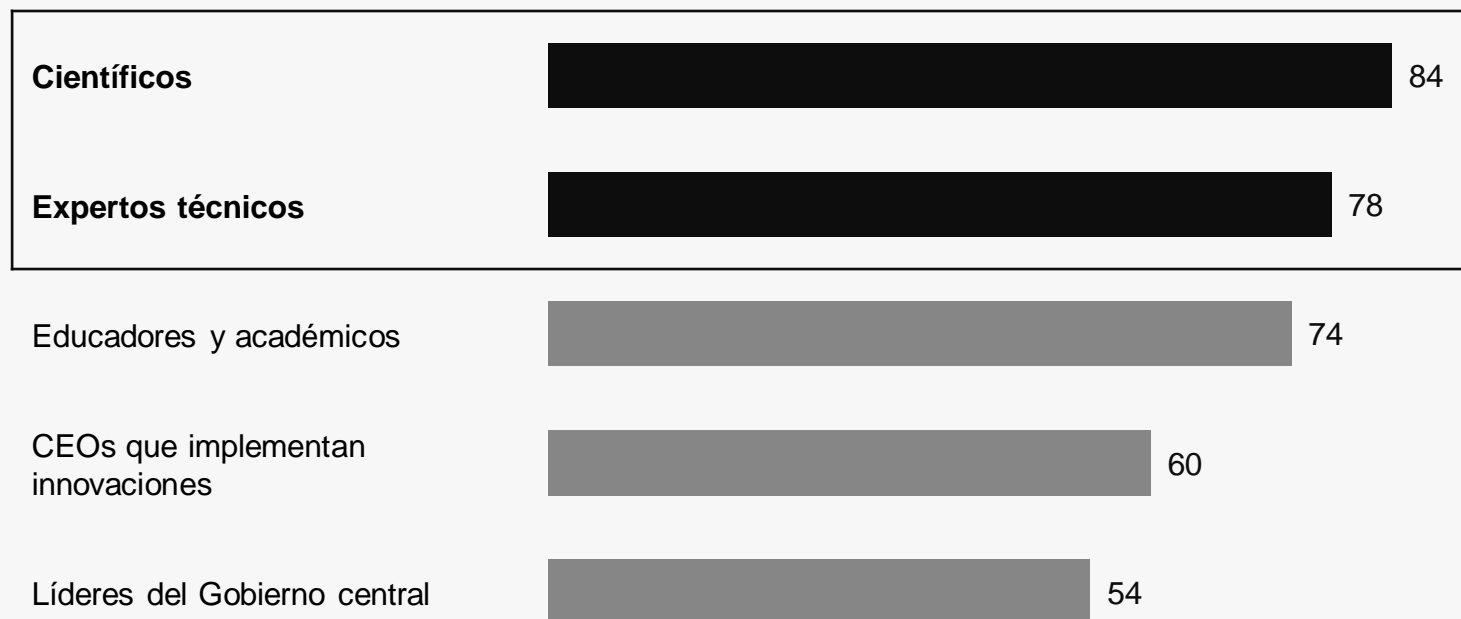


Se espera que científicos y expertos lideren la implementación de la innovación

Porcentaje que afirma

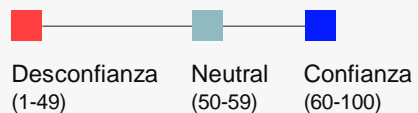
Creo que debe **tener un rol importante** en la implementación de la innovación en nuestro país

Los 5 primeros que encabezan la lista

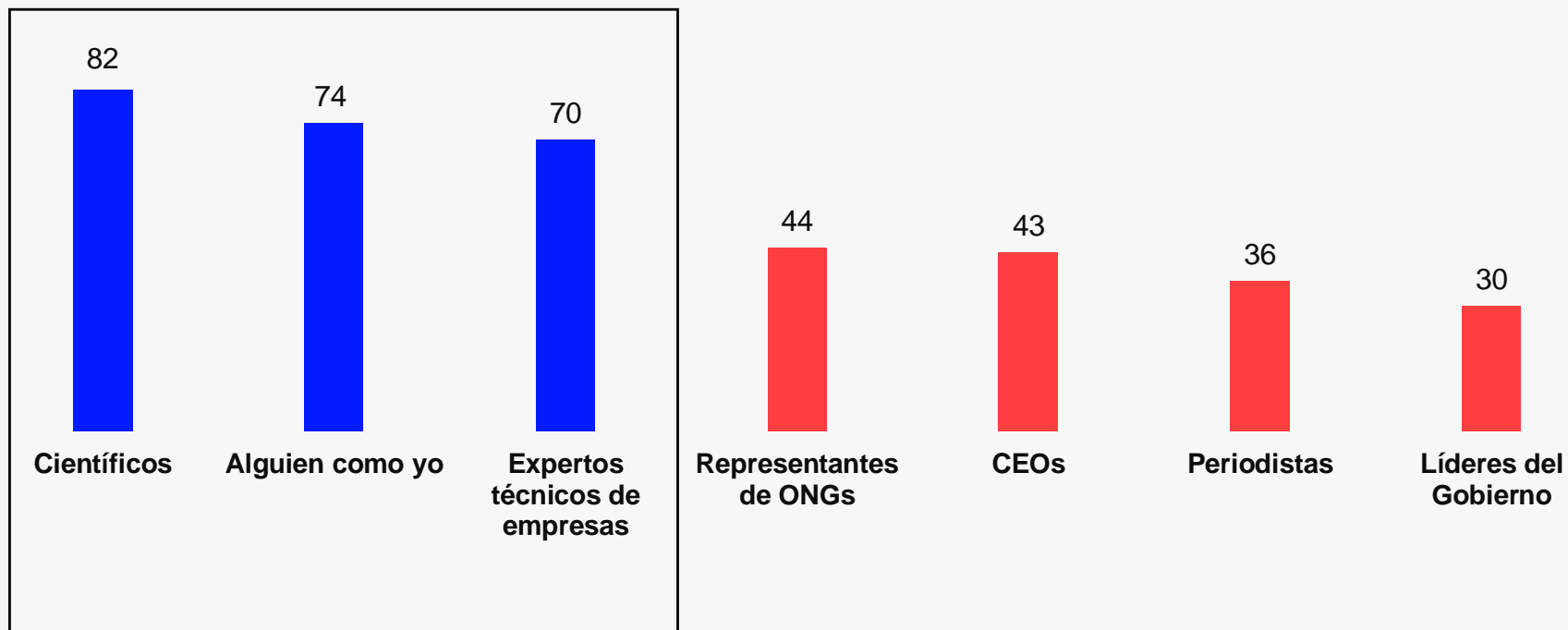


En quiénes confiamos para comunicar honestamente la innovación

Porcentaje que afirma



Mi confianza en cada uno para informarme honestamente sobre las innovaciones y nuevas tecnologías



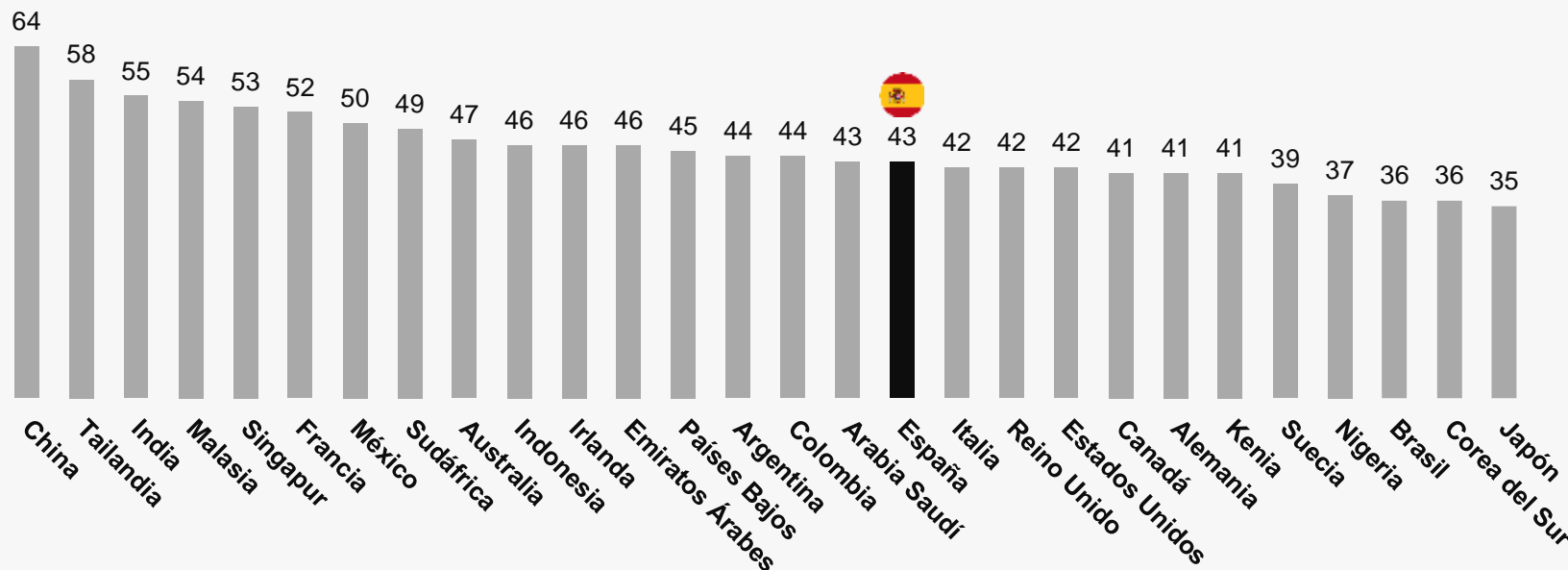
Fomentemos la comunicación y el conocimiento desde una ciencia accesible

Porcentaje que afirma

ESPAÑA

Creo que los científicos no tienen la habilidad de saber comunicarse con personas como yo

43%



El rol de cada institución para construir confianza en la innovación

Para las empresas, el Gobierno y los medios de comunicación, escuchar y comunicar se encuentra entre las dos acciones principales para construir confianza

Empresas	%
Hacer accesibles las innovaciones	84
Comunicar las ventajas y las desventajas	82
Evaluar e informar sobre el impacto de la innovación	80

ONGs	%
Ayudar a los vulnerables	78
Ayudar a las personas a mantenerse actualizadas	75
Asegurar un futuro próspero para todos	72

Gobierno	%
Asegurar que nuestro país no se queda atrás	81
Escuchar nuestras preocupaciones y permitirnos preguntar	80
Crear regulaciones que aseguren igualdad y seguridad	80

Medios de comunicación	%
Comunicar las ventajas y las desventajas	81
Evaluar e informar sobre el impacto de la innovación	80
Escuchar nuestras preocupaciones y permitirnos preguntar	79



Fortaleciendo nuestra relación con la innovación

1

La gestión es tan importante como la creación

Una innovación mal gestionada provoca rechazo. Es esencial fortalecer el vínculo confianza para promover la aceptación.

2

Las empresas son el motor de la innovación

Solo se confía en que las empresas, introduzcan la innovación a la sociedad y se pide mayor colaboración con el Gobierno. Cada institución tiene un rol.

3

La ciencia debe crear un vínculo de confianza con la sociedad

La comunidad científica sigue generando confianza, a pesar de que está sujeta a una gran exposición de la opinión pública. Es importante construir mayor diálogo.

4

Control y transparencia

Cuanto más control sientan las personas sobre cómo la innovación puede afectar sus vidas, mayor será su aceptación. Las instituciones deben crear un espacio seguro para el diálogo



Technical Appendix



2024 Edelman Trust Barometer: Sample

Sample Size, Quotas and Margin of Error

Country	Weighted Sample Size ¹	Unweighted Sample Size	Margin of Error – Total Sample ³	Margin of Error – Half Sample ³	Quotas Set On ⁴
Global 28 ²	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	+/- 3.8 pct pts. total sample	+/- 5.4 pct pts. half sample	Age, Gender, Region
Australia	1,150	1,150			
Brazil	1,150	1,152	+/- 3.3 pct pts. total sample	+/- 4.7 pct pts. half sample	
Canada	1,150	1,500			
China ⁵	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			
Germany	1,150	1,150	+/- 3.9 pct pts. total sample	+/- 5.5 pct pts. half sample	
India	1,150	1,116			
Indonesia	1,150	1,152	+/- 3.8 pct pts. total sample	+/- 5.4 pct pts. half sample	
Ireland	1,150	1,151			
Italy	1,150	1,150			
Japan	1,150	1,151			
Kenya	1,150	1,150			
Malaysia	1,150	1,153			
Mexico	1,150	1,152			
Netherlands	1,150	1,150			
Nigeria	1,150	1,148			
Saudi Arabia	1,150	1,109			
Singapore	1,150	1,150	+/- 3.8 pct pts. total sample	+/- 5.4 pct pts. half sample	
S. Africa	1,150	1,152			
S. Korea	1,150	1,152			
Spain	1,150	1,150			
Sweden	1,150	1,151			
Thailand	1,150	1,151			
UAE	1,150	1,150			
UK	1,150	1,150			
U.S.	1,150	1,150			

1. 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.

2. 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.

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

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

5. 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 ¹	Used for current year averages; excludes sensitive countries ¹ ; excludes S. Korea ²	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	----
Thailand	Thailand	Thailand	----	----
UAE	UAE	UAE	UAE	UAE
UK	UK	UK	UK	UK
U.S.	U.S.	U.S.	U.S.	U.S.

1. 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.

2. Due to a translation inconsistency regarding the measure of competence in the four main institutions in S. Korea, the data was removed from the global average on the affected slide.



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 source: <https://www.internetworldstats.com/stats.htm> as of Jan 11, 2024

Due to disproportionate access to internet in countries with lower internet penetration, the online sample in those countries tends to skew younger, urban, and more affluent.



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
Trust in institutions	TRU_INS: 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”.
	Media in general
	Business in general
	Non-governmental organizations (NGOs)
Economic optimism	CNG_FUT: 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-economy	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?
	Permanent jobs with benefits being replaced by freelance, gig-economy or short-term jobs that do not offer benefits
Government ethics dimensions	GOV_PER_DIM: 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.
	Highly effective agent of positive change
	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 NGOs	TRU_INS_TCNG. Below is a list of institutions. For each one, please indicate how much you trust that institution <u>to do what is right</u> when it comes to ensuring that the introduction of new technologies and innovations into society is well-managed (e.g., they are <u>safe</u> , <u>understood</u> by the public, <u>beneficial</u> to society as a whole, and <u>accessible</u> to the people who need them). – reverse scored
	Business in general
	Non-governmental organizations (NGOs)
Government regulation	POP_MDC. 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”.
	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
Science influenced by politics and money	CHG_AGR. Please indicate how much you agree or disagree with the following statements.
	Science has become politicized in this country
	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 AI

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.
2. **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
Hesitant: 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**



2024 Edelman Trust Barometer:
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



2024 Edelman Trust Barometer:
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 AI
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.
I embrace this innovation	Enthusiastic: I am excited about this. I am looking to increase my use of products and services that incorporate these technologies. 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 AI
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



2024 Edelman Trust Barometer:
Full Text For Answer Choices Abbreviated

Government Lacks Competence to Regulate Emerging Innovations

POP_MDC. Below is a list of statements. For each one, please rate how true 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”. (Please select one response for each.)

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



2024 Edelman Trust Barometer:
Full Text For Answer Choices Abbreviated

Nearly 2x More Likely to Fear Innovation Poorly Managed

POP_MDC. Below is a list of statements. For each one, please rate how true 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”. (Please select one response for each.)

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



2024 Edelman Trust Barometer:
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

Is science independent of politics and money?

Full

Science has become politicized in this country.

Government and other large organizations that fund research have too 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

POP_MDC. Below is a list of statements. For each one, please rate how true 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”. (Please select one response for each.)

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



2024 Edelman Trust Barometer:
Full Text For Answer Choices Abbreviated

When Institutions Mismanage Innovation, Fairness and Capitalism in Question

POP_MDC. Below is a list of statements. For each one, please rate how true 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”. (Please select one response for each.)

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



2024 Edelman Trust Barometer:
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
CEOs that deploy innovations	The CEOs of the companies that produce, sell, or use these technologies
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

Confidence that each innovation has been evaluated by scientists and ethicists

Full

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
Social media (net)	My social media news feed, On social media posted by, or forwarded from, someone in my social network
Local media	Local newspapers or local TV or radio news programs



2024 Edelman Trust Barometer:
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
Keep innovations affordable	Institute fair and reasonable pricing that makes new technologies or innovations generally affordable
Communicate pluses and minuses	Clearly communicate the nature of new innovations and technologies, including potential benefits and negative side effects
Ensure our country isn't falling behind	Make sure that our country is not falling behind in the tech and innovation space or take steps to address a current gap
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
Assess, then inform me on innovation impact	Assess the impact changes are having on people like me, and make information available about these impacts
Regulate to ensure safety and fairness	Regulate businesses to ensure that their new technologies and innovations are safe and used to the benefit of all
Aid the vulnerable	Aid those who need help coping with the consequences of change
Help people keep up	Help people keep up with and adjust to the changes happening all around them
Ensure our future prosperity	Push our country to make the changes necessary to ensure our future prosperity



2024 Edelman Trust Barometer:
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

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

Full

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



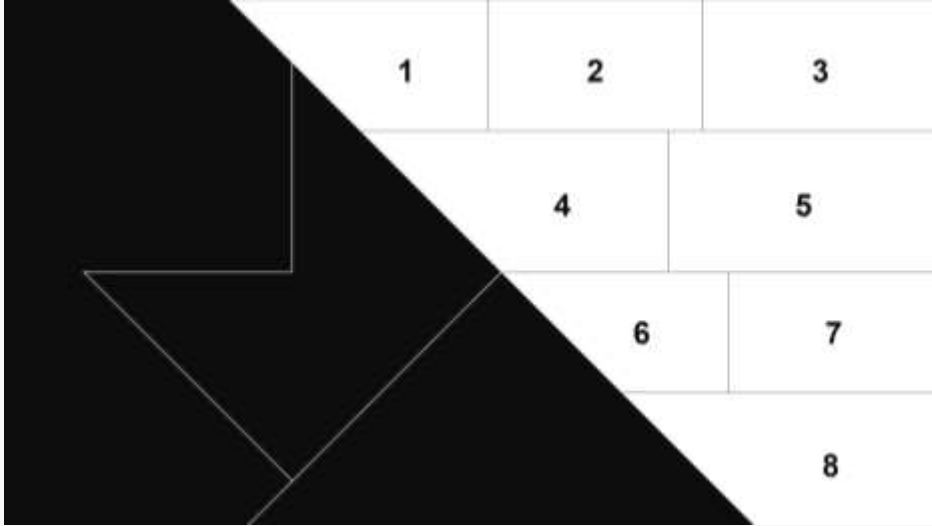
2024 Edelman Trust Barometer:
Full Text For Answer Choices Abbreviated

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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1. President of Argentina Javier Milei gives a speech after his Inauguration Ceremony at “Casa Rosada” Presidential Palace in Buenos Aires, Argentina: *Tomas Cuesta via Getty Images*
2. Sam Altman speaks onstage during A Year In TIME in New York City: *Mike Coppola via Getty Images*
3. Katalin Kariko, Nobel Prize Laureate, speaks to the media during a press conference at the Hungarian Academy of Sciences, in Budapest, Hungary: *Janos Kummer via Getty Images*
4. 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*
5. Delegates applaud Sultan Ahmed Al Jaber, President of COP 28, on day thirteen of the COP 28 climate conference in Dubai, United Arab Emirates: *Fadel Dawod via Getty Images*
6. Robots harvesting vegetables in automated modern greenhouse: *Imaginima via Getty Images*
7. A woman casts her ballot at a polling station during Thailand’s general election in Bangkok: *Peerapon Boonyakiat/SOPA Images/LightRocket via Getty Images*
8. Israeli students hold Palestinian and Israeli flags, during a protest: *Jack Guez/AFP via Getty Images*

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Slide 5 The Decline of Authority

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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