



SCWS 2017
Connecting the World
for a Sustainable Future



Science Centres for 2026 and beyond

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A hand is shown holding a clear, reflective crystal ball. The ball is the central focus, reflecting the surrounding environment. Overlaid on the crystal ball is the text "Science Centres in the 2026 ?". The background is a soft, out-of-focus landscape with a light sky and a horizon line.

Science
Centres
in the
2026
?

Which direction



The 2026 Panorama

4 years away from the millennium goals

Way into the 4th Industrial Revolution for part of the population
According to the World Economic Forum

MÁQUINA DE VAPOR

1760 - 1840



CAMBIOS RADICALES en la sociedad

INDUSTRIALIZACIÓN

1890 - 1940



DESARROLLO CIENTÍFICO Y TECNOLÓGICO



1960 - 1990



EL INTERNET

2000 - 2017



The fourth industrial
Revolution
MEGA TRENDS

21 Tipping points of our
hyper connected world in
the next 10 years

Physical

AI
Autonomous vehicles
3 D Printing
Advanced Robotics
New materials

Biological

Genomics
Synthetic Biology
Medicine
Agriculture
Biofuels

INE
QUA
LITY

INNOVATION
Science and Technology
Social processes that
Have the power to
change the world
Towards
Positive Outcomes

IoT The Internet of Things
Interaction and Engagement
Bitcoin
On demand

Digital

The fourth industrial
Revolution
MEGA TRENDS

21 Tipping points of our
hyper connected world in
the next 10 years

Physical

Biological

INE
QUA
LITY

Growth
and
health

Aging

Employment

Education
and skill

Gendered
Gap

Purpose

INNOVATION

Science and Technology
Social processes that
Have the power to
change the world
Towards
Positive Outcomes

Digital

Which direction

Today v.s. Desired

Stable
Slow
For

Agile
Fast
By, With or From

Experience

*Meeting and
Conversation Place*

Interactive
Info Provider
Enclosed
Final

Participatory
Info Platform
Porous
To Change

*Expensive
Stand-Alone
Large*

*Affordable
Networked
Small*

The energy around us...









What matters to the
young people?

Because... millennials own the world

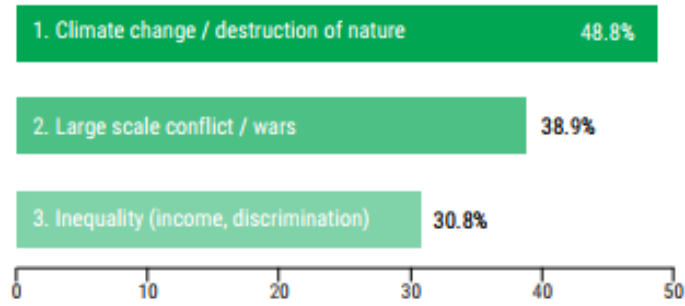
Who are the millennials of the 2026

Optimism, empathy and the desire for real impact.

Climate Change

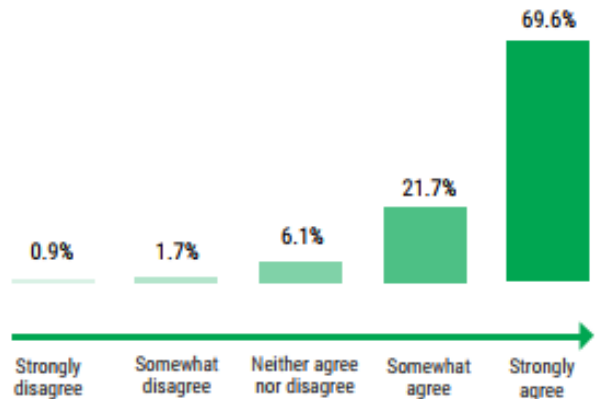


Climate change / destruction of nature comes as the most serious global issue with 48.8% of votes



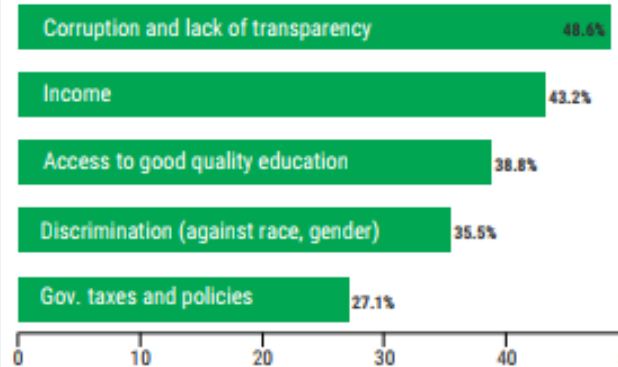
Percentage of unique votes. Respondents were allowed to select up to 3 answer choices. Next leading choices are "Poverty" (29.2%), "Religious conflicts" (23.9%) and "Government accountability and transparency / corruption" (22.7%).

Science has proven that humans are responsible for climate change. (N=23737)

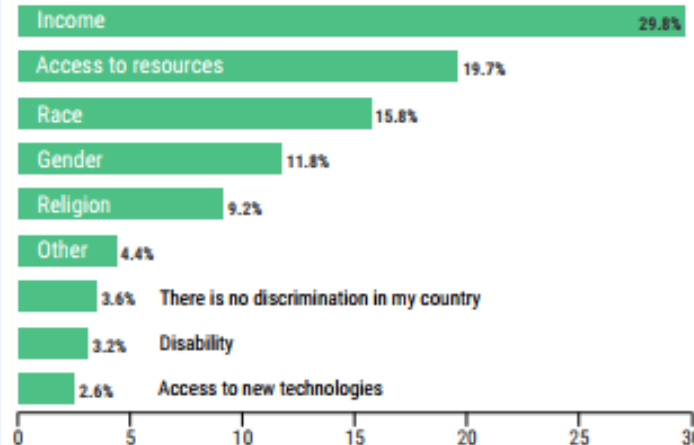


Inequality

What are the most important factors contributing to inequality in your country? (N=23748)



In your country, what type of discrimination is causing the most harm? (N=23719)



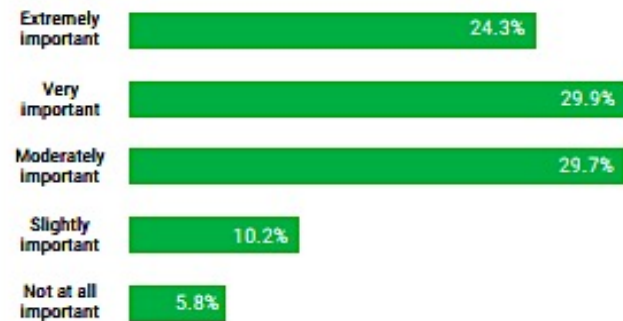
The young situate themselves in the heart of the problem expressed in the 17 SDG's

The world a better place

Who has the greatest role to play in making the world a better place? (N=24272)

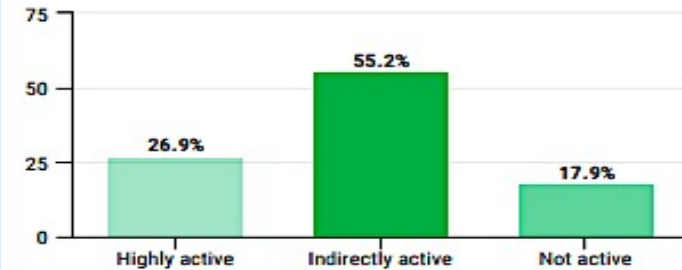


How important is it for you that your country's government takes part in addressing other countries issues? (N=24274)

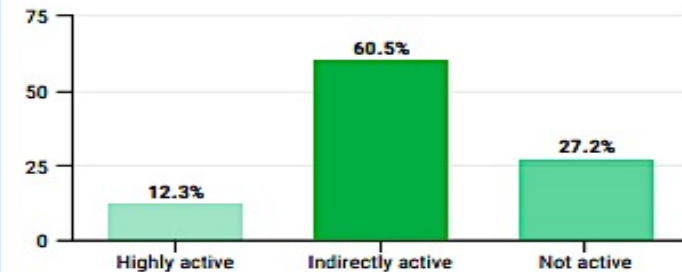


Participation in the SDG's

Are you currently taking an active role to achieve the sustainable development goals? (N=12920)

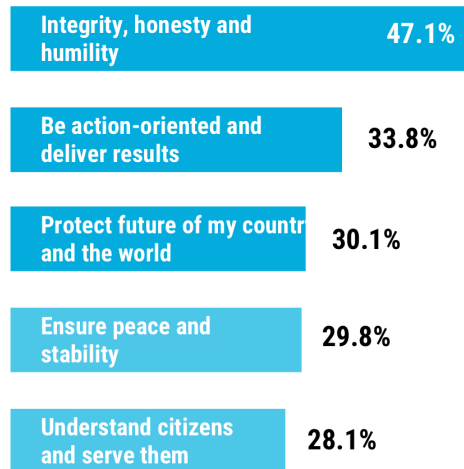


Are you currently taking an active role to improve the sustainability and state of the world? (N=10457)

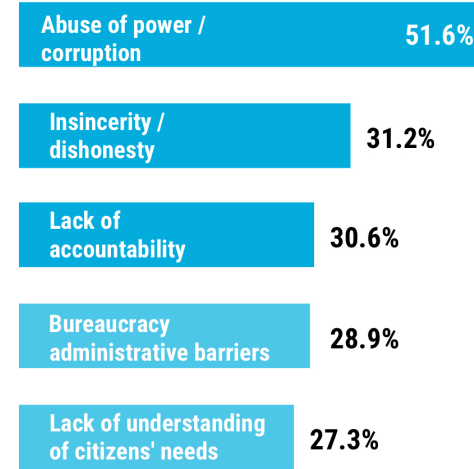


Government and Civic Commitment

Which of the below are most important to you in leaders of your country? (N=22489)

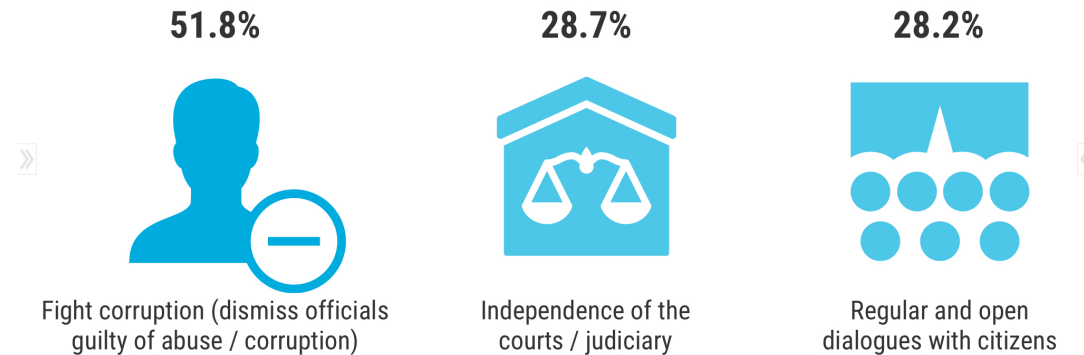


What frustrates you the most about governments leaders in your country? (N=22474)



Percentage of unique votes. Both questions allowed respondents to select up to 3 answer choices.

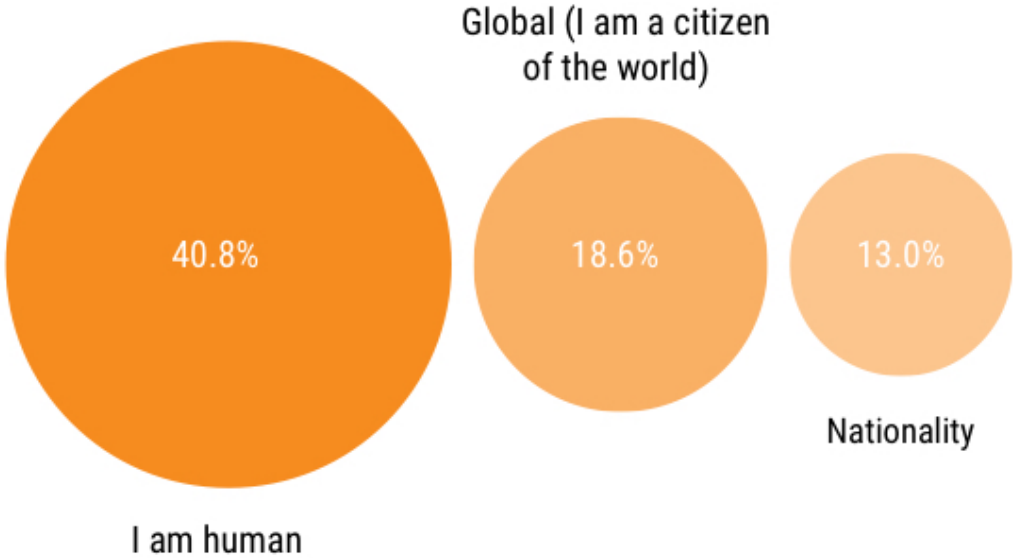
What are the most important ways that governments can demonstrate transparency and accountability? (N=21483)



Percentage of unique votes. Respondents were allowed to select up to 3 answer choices. Next leading choices are "Explain reasoning behind every government policy" (23.9%), "Open government practices" (23.0%) and "Regular updates on progress of public works" (22.7%).

Values and Society

As far as your identity is concerned, what defines you most is... (N=20589)

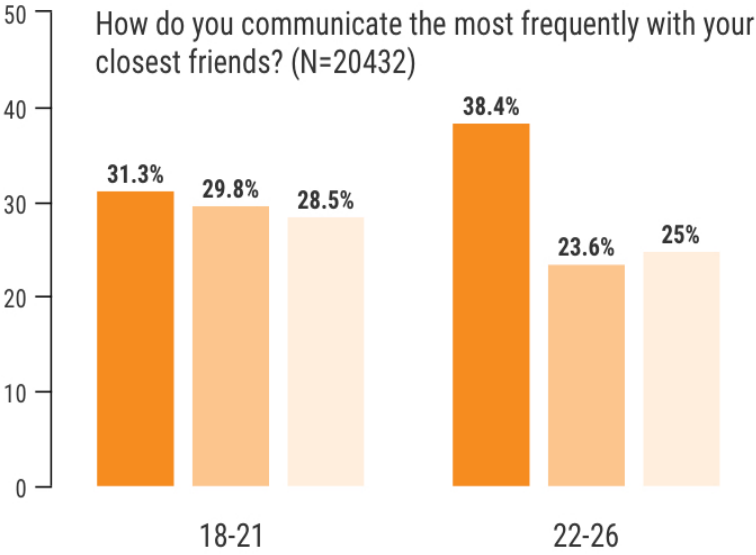


What are the most important things that are missing in your society that would make you feel more free? (N=20545)

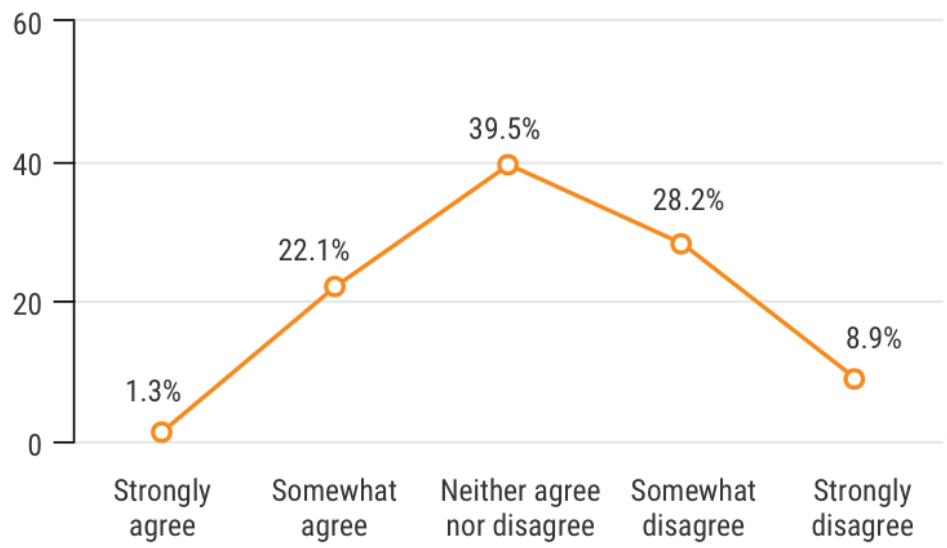


Percentage of unique votes. Respondents were allowed to choose up to 3 answer choices.


Values and Society



I trust the news I see on social media. N=20441




Conclusion



Successful museums and science centers:

Will display the science behind the social challenges at a local and global level

Must reflect the challenges of the present and foresee those of the short-term future



Successful museums and science centers:

Will be “platforms” for society to “apprehend sciences” be empowered by it and construct new possibilities.

Will probably still have curated material, that will present the science relevant to the moment and will foster the development of survival attitudes.



Under this conditions

Embrace Controversy.

Be platforms for co-design of experiences.

Collaborate in the making of creative and critical minds, citizens with an innovative attitudes.



Challenges

Because this vision is born from what we can observe today

And trends are so different that we tend not to see them

We need to start the transition