

Global Internet Governance: **Of the Internet** and **On the Internet** – Idea Wall

2023.07.25 | APIGA Day 2

www.asia

Asian #InspirAsian



Idea Wall

1 15min: Group Discussions

2 3min x 6: Report Back

Internet issue(s) that concern you the most

Internet issue(s) that are hot topics in your country/city

The key problems and your suggestions to fix them

Governance of the Internet or on the Internet?

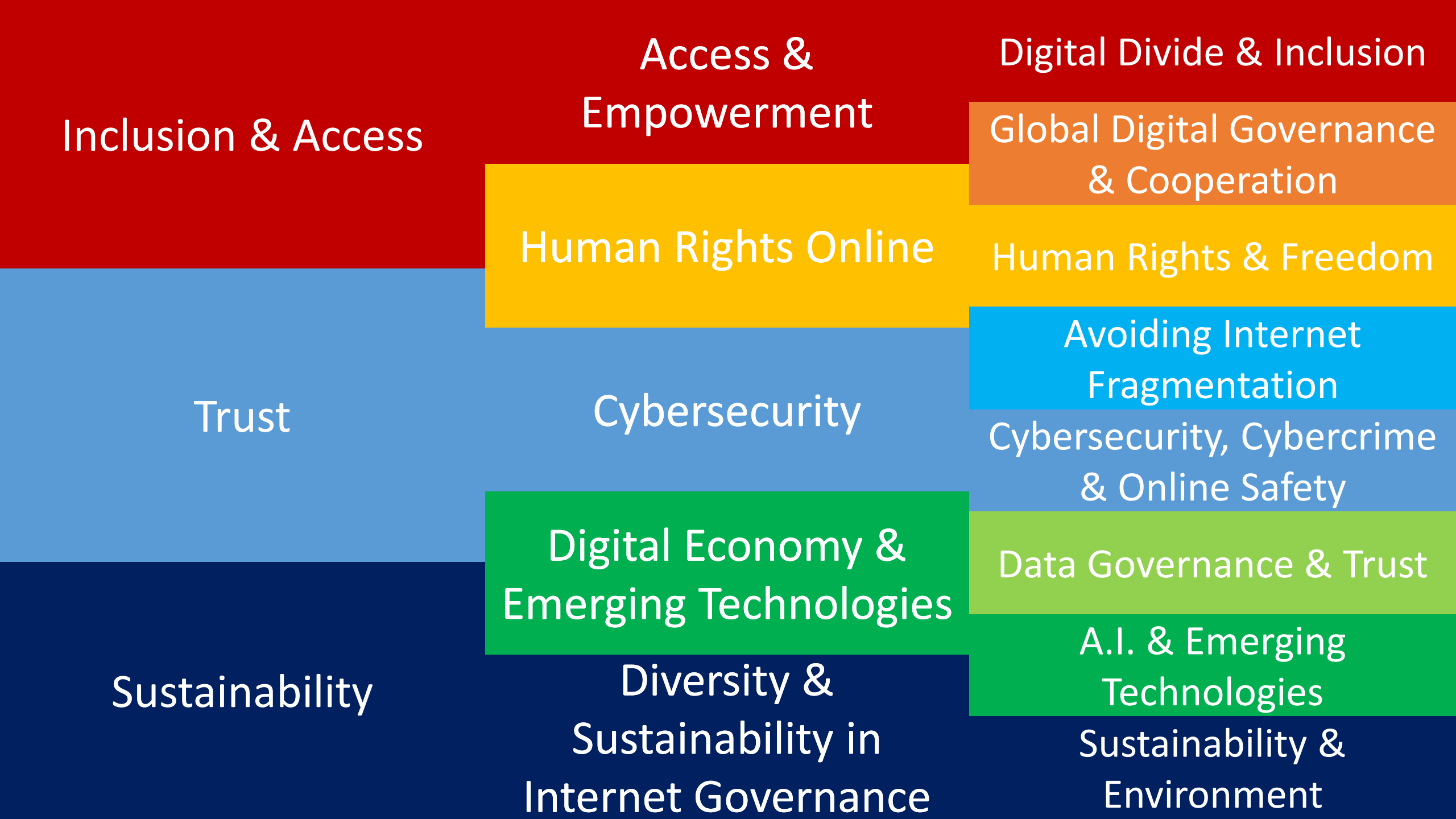
Access & Empowerment

Human Rights Online

Cybersecurity

Digital Economy & Emerging Technologies

Diversity & Sustainability in Internet Governance



Inclusion & Access

Access &
Empowerment

Digital Divide & Inclusion
Global Digital Governance
& Cooperation

Human Rights Online

Human Rights & Freedom

Trust

Cybersecurity

Avoiding Internet
Fragmentation
Cybersecurity, Cybercrime
& Online Safety

Digital Economy &
Emerging Technologies

Data Governance & Trust

Sustainability

Diversity &
Sustainability in
Internet Governance

A.I. & Emerging
Technologies
Sustainability &
Environment

Access & Empowerment

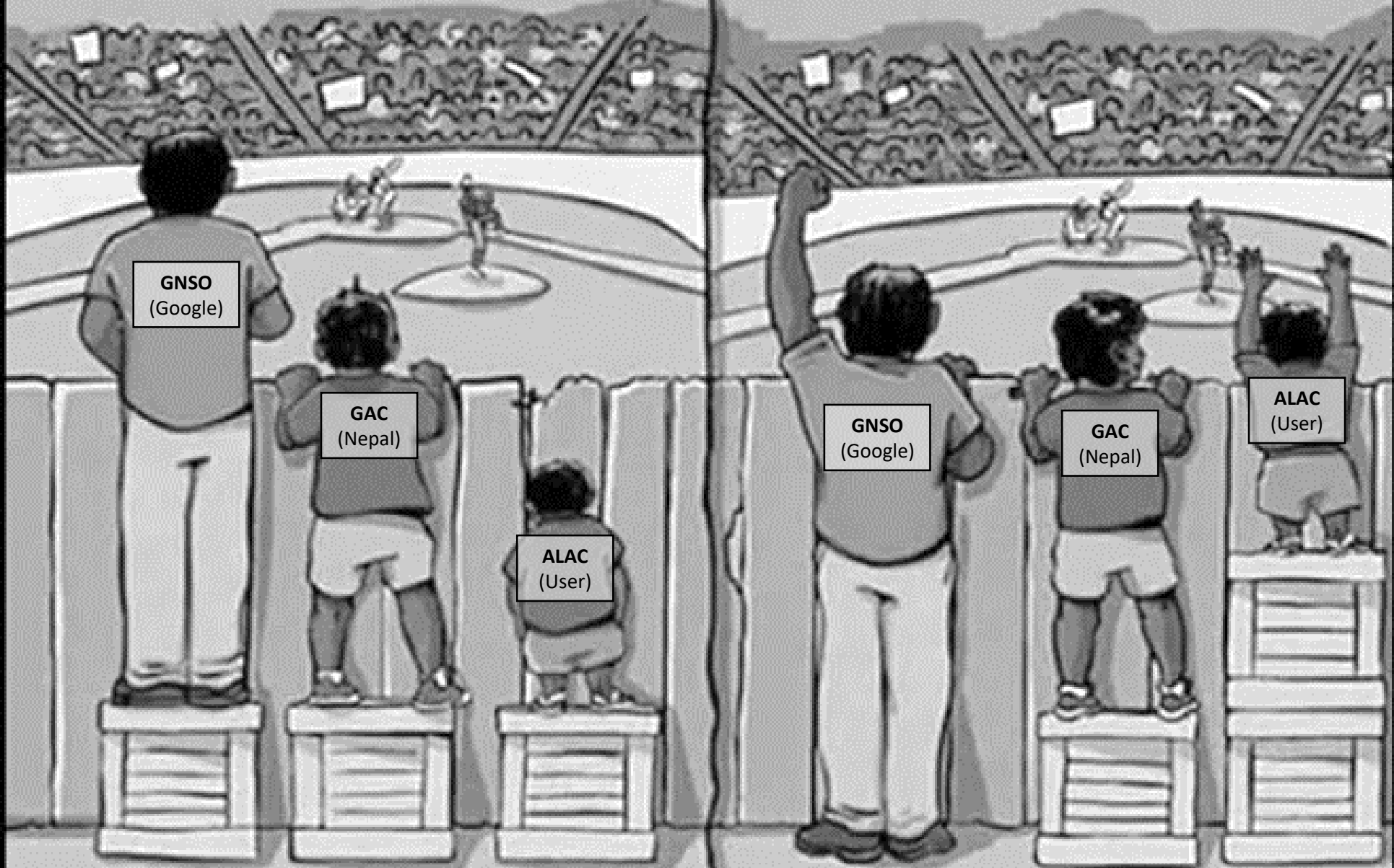




Opportunity to Make a Difference







GNSO
(Google)

GAC
(Nepal)

ALAC
(User)

GNSO
(Google)

GAC
(Nepal)

ALAC
(User)

EQUALITY

EQUITY

internet.org

Zero rating

free basics
by facebook

Innovation Challenge



Net Neutrality

**FAST
LANE**

**FAST
LANE**

**SLOW
LANE**

Large Companies

Small Companies





FREE INTERNET

Types of Digital Divide & Empowerment



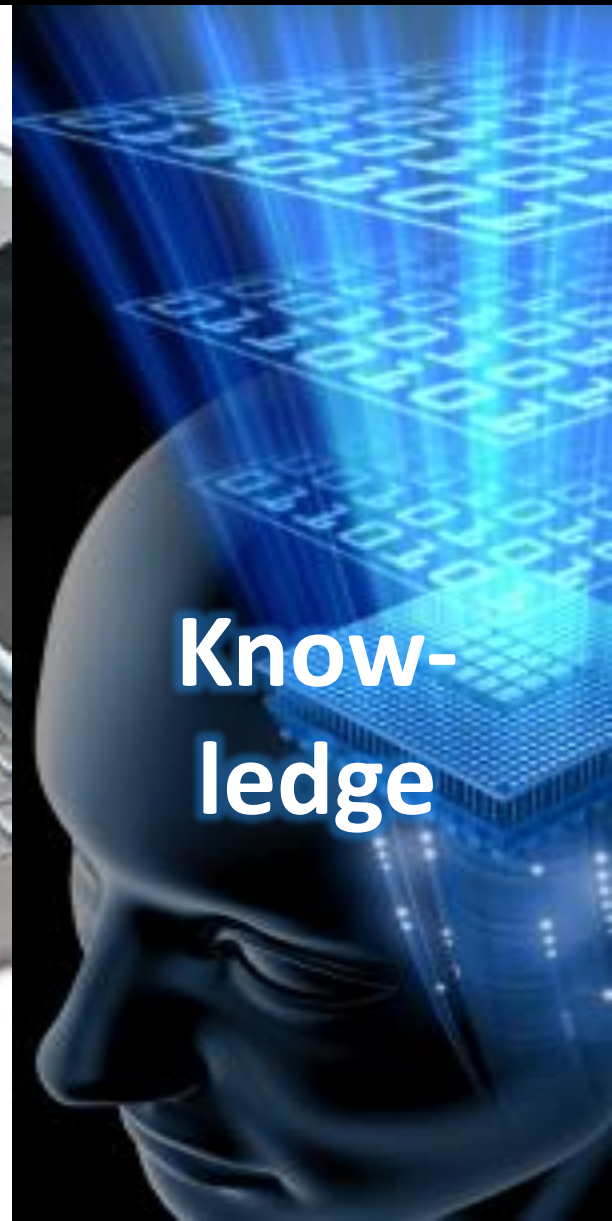
**Poverty
Gap**



**Gender /
Age**



**Competi-
tiveness**

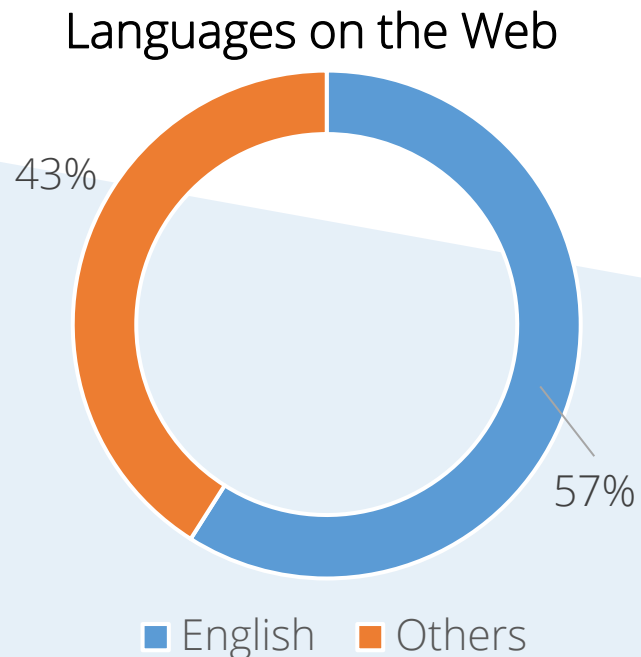


**Know-
ledge**

A close-up photograph of a computer keyboard. The central focus is a large, rectangular key that is a vibrant green color. On this key, the word "Inclusion" is printed in a clean, white, sans-serif font, oriented diagonally from the bottom-left to the top-right. Surrounding this key are several other white keys. To the left, a key with a plus sign and a tilde symbol is visible. Above the green key is a key with a double-headed vertical arrow. To the right, a key with the German label "Strg" (Control) is partially visible. The lighting is soft and even, highlighting the texture of the plastic keys.

We Live in a Multilingual World!

Globally, language usage is diverse. English comes **third in terms of native speakers** around the world, after Mandarin and Spanish. English represents 57% of the total written content online and the percentage is decreasing.



Source:
https://w3techs.com/technologies/history_overview/content_language.

Language	Native Speakers
Mandarin	1300 million
Spanish	475 million
English	373 million
Arabic	362 million
Hindi	344 million
Bengali	234 million
Portuguese	232 million
Russian	154 million
Japanese	125 million

Source:
<https://www.babbel.com/en/magazine/the-10-most-spoken-languages-in-the-world>



청운체육관.asia

에어로빅

T.87-8366

태권도

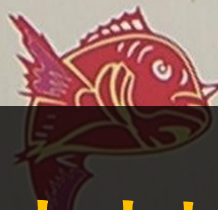


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83-8686

성원.ASIA

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매일회집

산지직송
자연산활어

多語種域名 / 中文域名 / 國際化域名

Internationalized Domain Names (IDN)

중
함시역
TEL:262-8082 8085

해님피아노교습소
284-6611 1층 상가

성원감자탕
감자탕.들곱창 T81-3953 지하

1 제일화재
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치킨 전문점

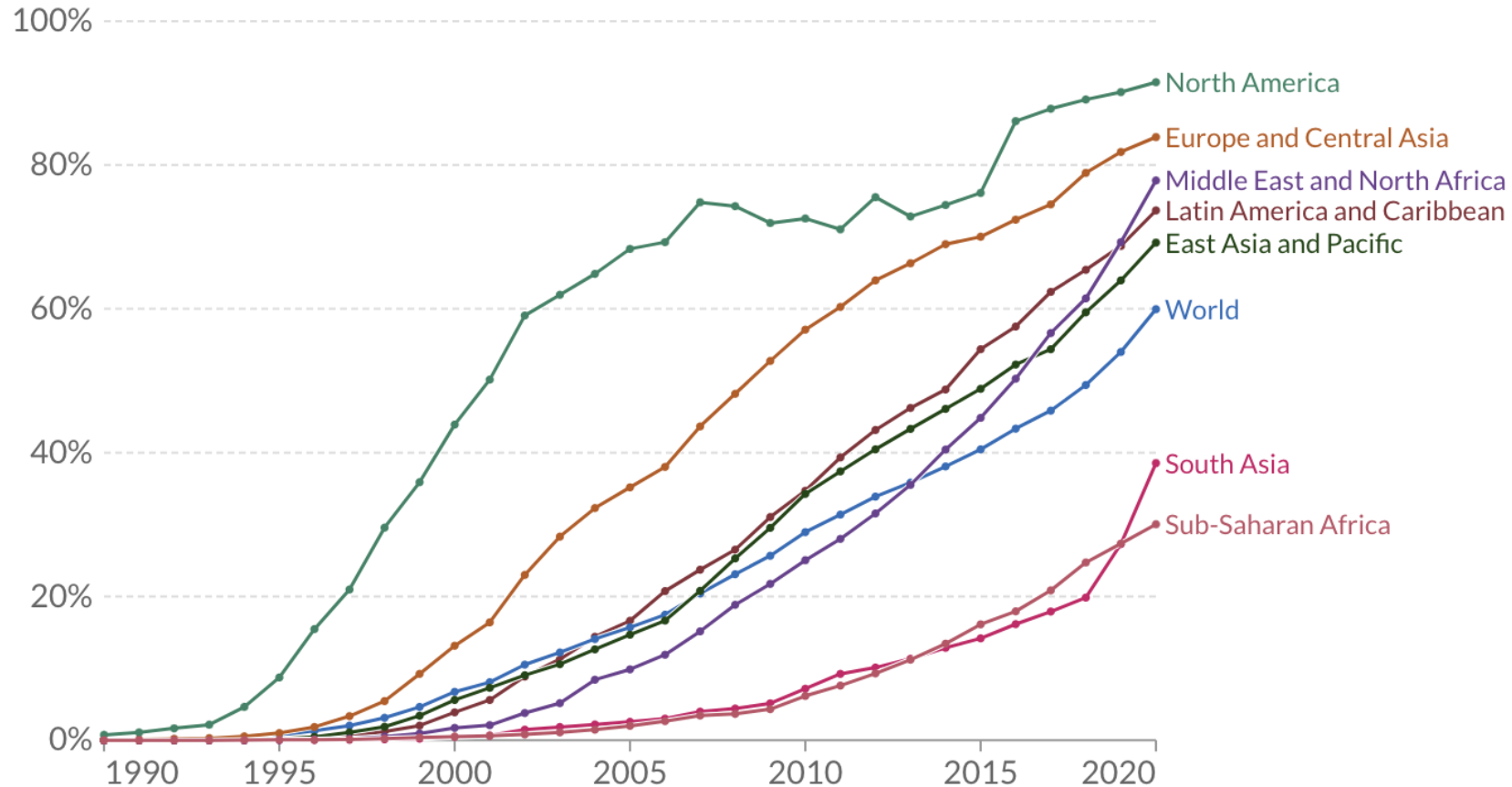
체인점문의: 051)311-9288



Local businesses are known in their local language names

Internet Access Globally

The next billion Internet users will come from communities speaking a diverse set of languages.



Source: International Telecommunication Union (via World Bank)

OurWorldInData.org/internet • CC BY

Share of the population who used the Internet in the last three months.

Access, Empowerment & Diversity

Opportunity (and Opportunity Lost)

Fairness (Equality / Equity) and Digital Inclusion

Changing Dynamics (and Missing Stakeholders)

Market Failure (and Market Intervention)



COVID-19



LOCKDOWN



COVID-19



LOCKDOWN



COVID-19



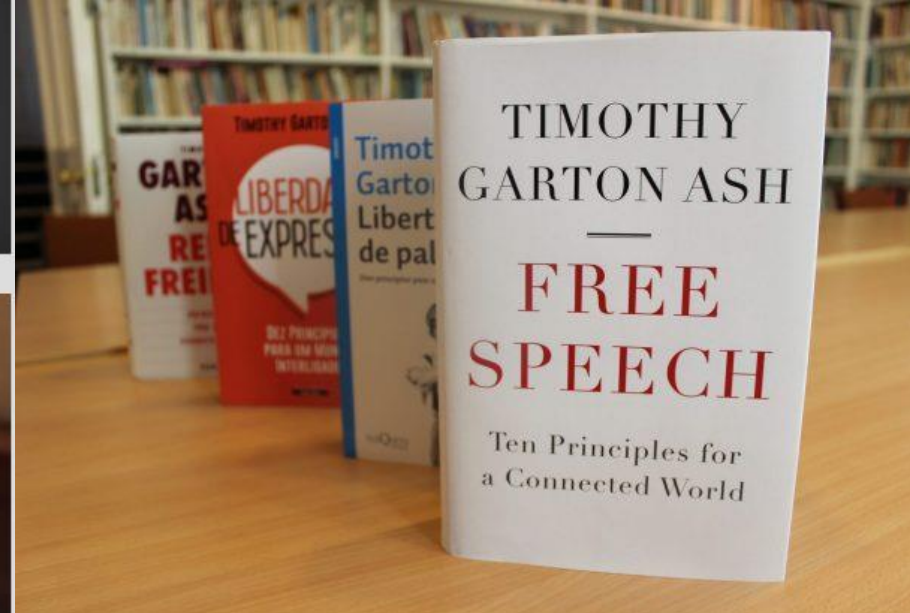
LOCKDOWN

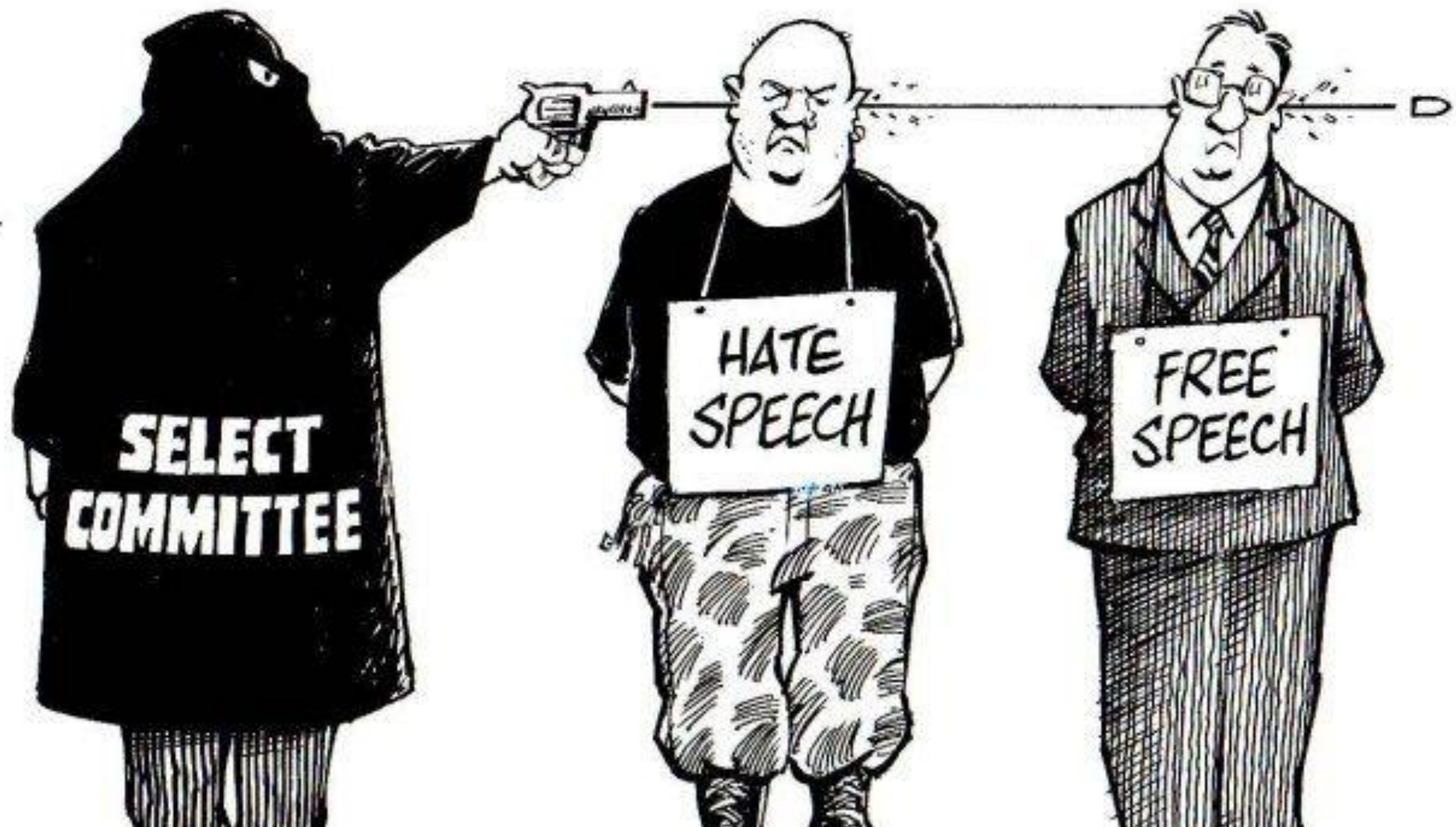


Free Speech Debate in 2017



Ben Wizner, Edward Snowden's lawyer, talks to Free Speech Debate





YouTube

Innocence of Muslims - Muhammad Movie - FULL HD

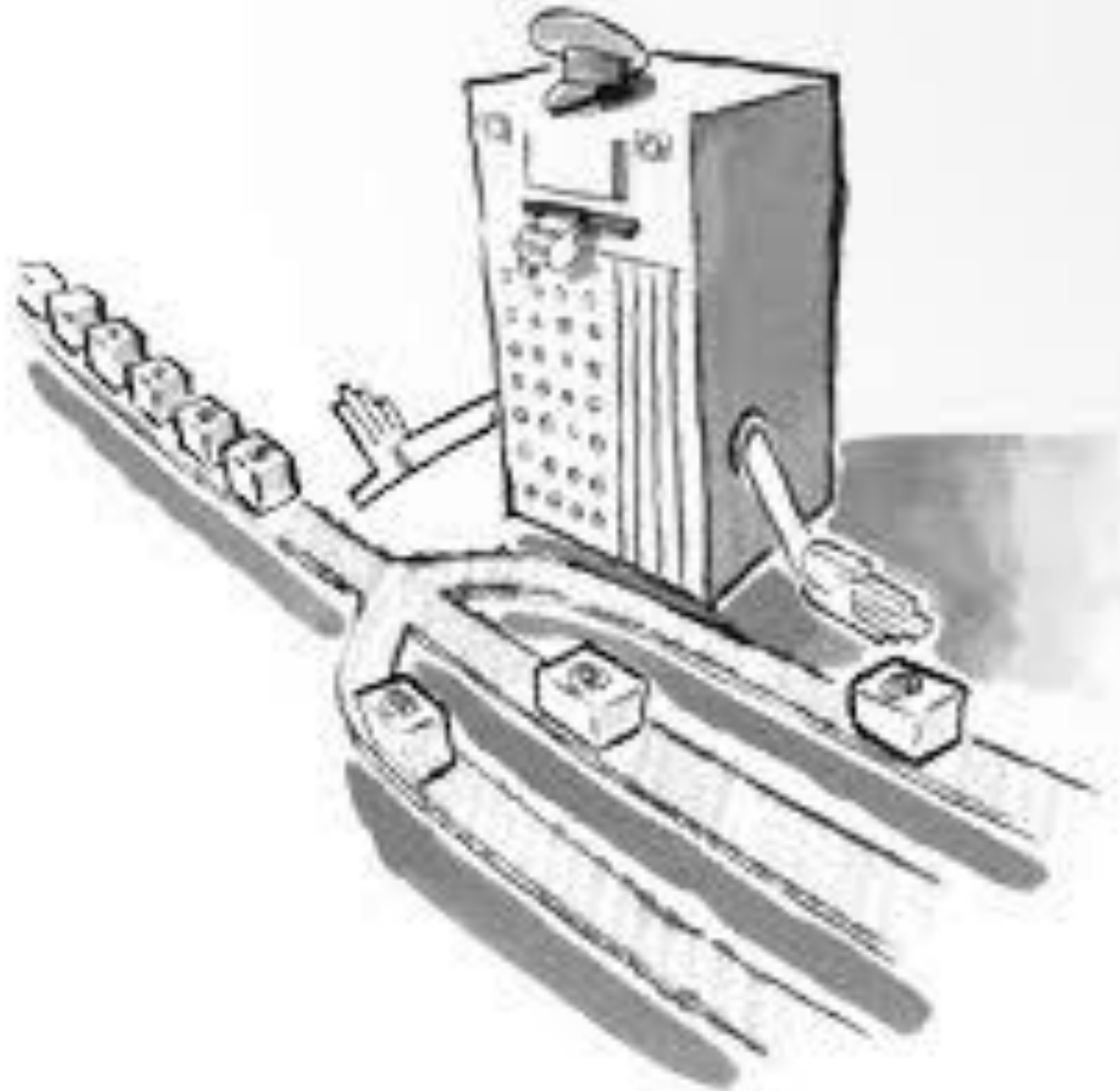
DarthF3TT



Subscribe

11 videos





An illustration on a dark blue background featuring a large, stylized laptop. The laptop's screen displays a white interface with horizontal lines and a grid of squares. On the laptop's keyboard, three people are sitting cross-legged, each using a laptop. On the top edge of the laptop, three more people are sitting, also using laptops. To the right of the laptop, a man stands holding a smartphone. Various icons are scattered around the laptop, including a shopping bag with a percentage sign, a pencil, speech bubbles, envelopes, a person icon with a heart and '2k', and a document with a thumbs-up. The overall theme is digital connectivity and public space.

Privately Owned Public Space



Security

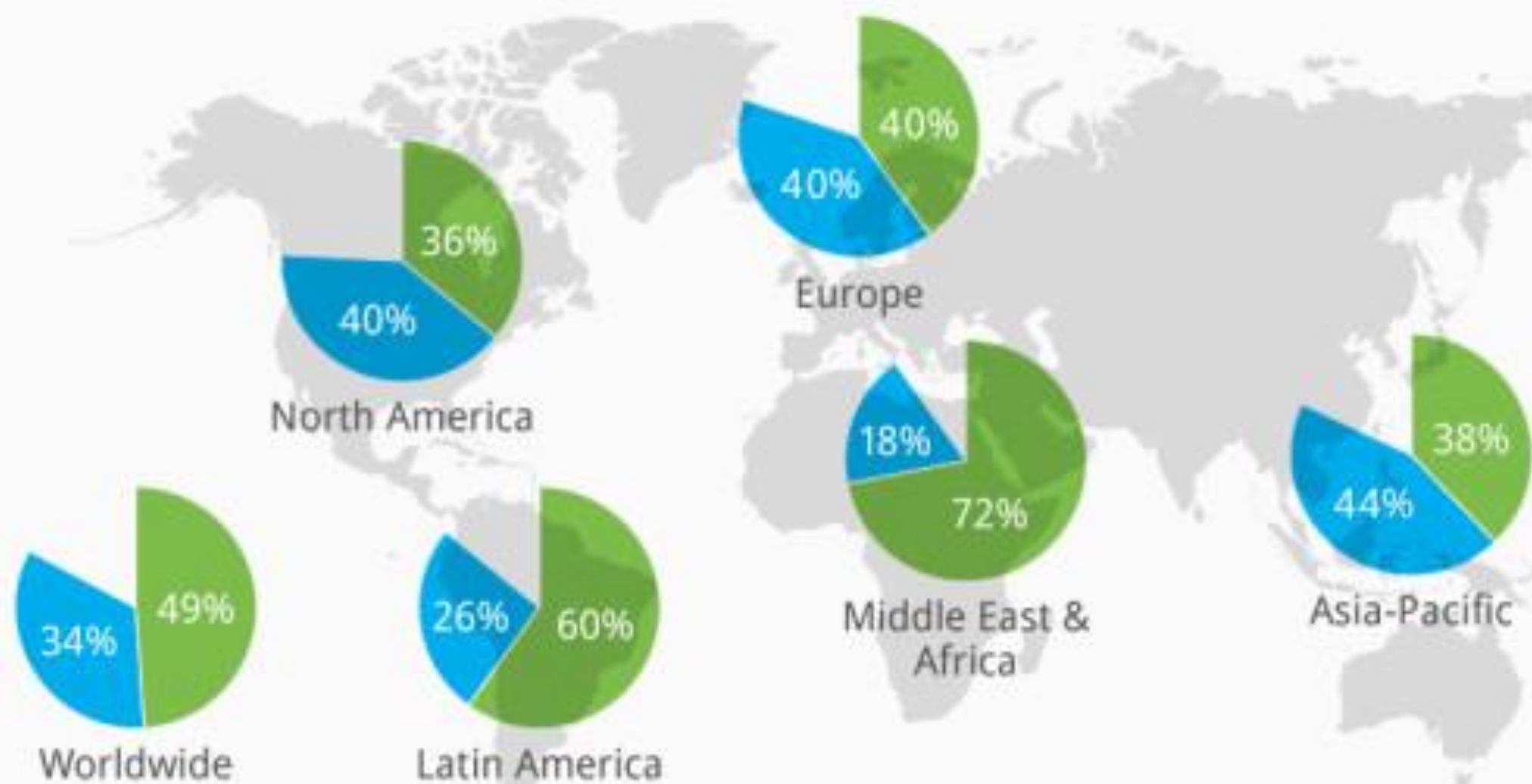


Shift

Majority Considers Internet Access a Human Right

% of respondents agreeing that Internet access should be a basic human right

● Strongly agree ● Somewhat agree



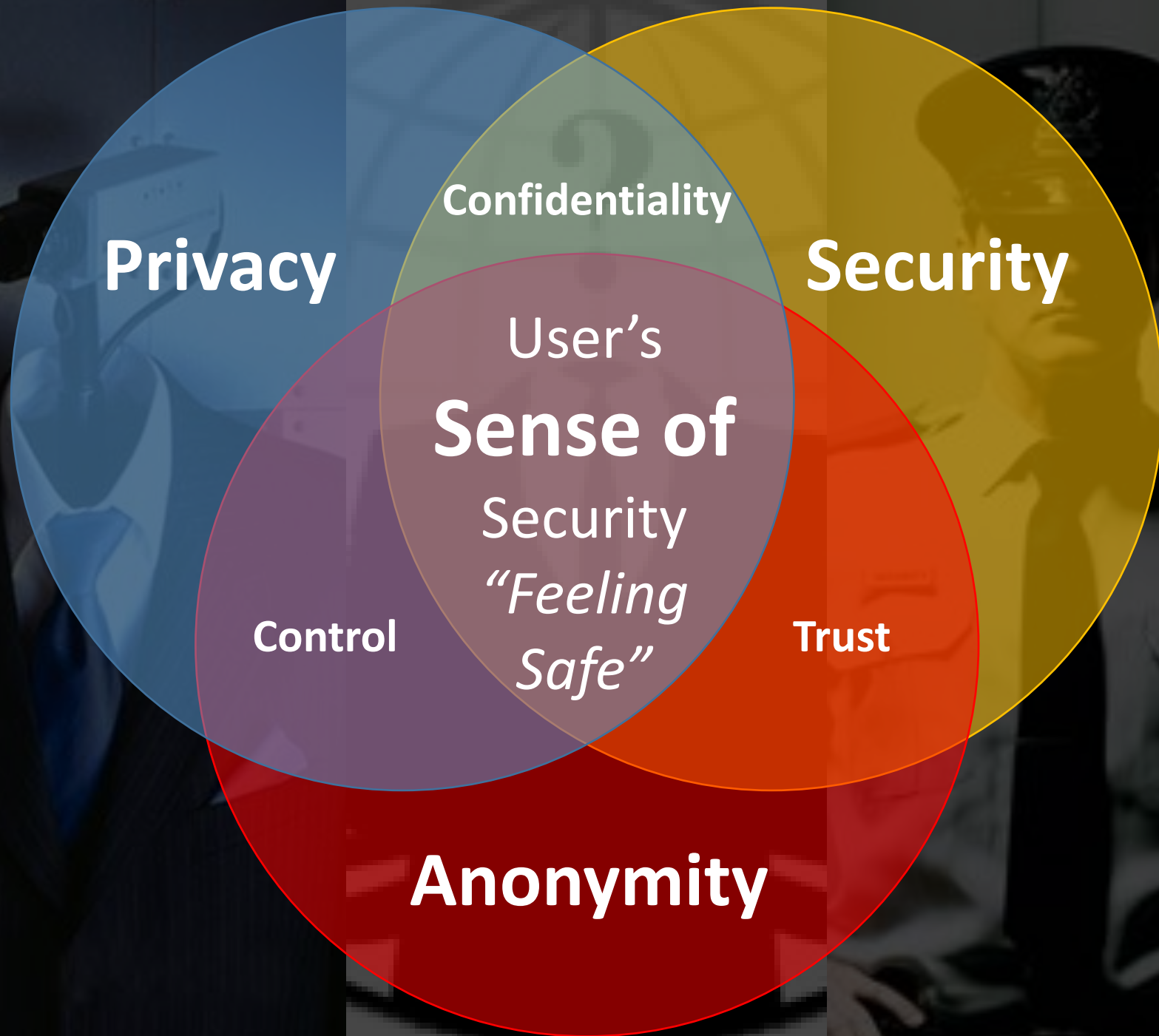
Human Rights Online

Boundaries of Freedom of Expression

Time (Instant / Eternity) & Balance

Privately Owned/Operated Public Space

Cybersecurity, Privacy & Safer Internet



Privacy

Confidentiality

Security

**User's
Sense of
Security
"Feeling
Safe"**

Control

Trust

Anonymity

Child Protection



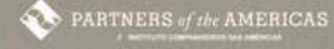
Exploração sexual de crianças e adolescentes. Não é esse o produto que o Brasil quer exportar para o mundo.
18 de maio. Dia Nacional de Combate ao Abuso e à Exploração Sexual de Crianças e Adolescentes.

Disque-denúncia: 100



Exploração sexual de crianças e adolescentes. Não é esse o produto que o Brasil quer exportar para o mundo.
18 de maio. Dia Nacional de Combate ao Abuso e à Exploração Sexual de Crianças e Adolescentes.

Disque-denúncia: 100



FALSENESS

INTENT TO HARM

MISINFORMATION

Unintentional mistakes such as inaccurate photo captions, dates, statistics, translations, or when satire is taken seriously. Spreading false information that you think is true.

DISINFORMATION

Fabricated or deliberately manipulated audio/visual content. Intentionally created conspiracy theories or rumors.

MALINFORMATION

Deliberate abuse of private information with the intent to harm or intimidate. For example, sharing someone's personal emails online—while this is not false information, it is distributed with malign intent.





password123



Use PassPHRASE instead of PassWORD

Y a r e s a f e i n m y h e a r t a n d
M y h e a r t w i l l g o o n a n d o n



YasimhaMhwgoao8..(

number

signs



SIGN IN

Remember me
LOGIN

[Forgot your password?](#)





How others
see you...





You Choose



Who Is keeping your Data?
Why are they keeping your Data?
Must they keep your Data?



Privacy-Preserving Contact Tracing

Across the world, governments and health authorities are working together to find solutions to the COVID-19 pandemic, to protect people and get society back up and running. Software developers are contributing by crafting technical tools to help combat the virus and save lives. In this spirit of collaboration, Google and Apple are announcing a joint effort to enable the use of Bluetooth technology to help governments and health agencies reduce the spread of the virus, with user privacy and security central to the design.

As part of this partnership Google and Apple are releasing draft documentation for an Exposure Notification system in service of privacy-preserving contact tracing:

[Exposure Notification - Bluetooth Specification](#)

[Exposure Notification - Cryptography Specification](#)

[Exposure Notification - Framework API](#)

[Exposure Notification - Privacy-Preserving Analytics](#)

[Exposure Notification - Frequently Asked Questions](#)

All of us at Apple and Google believe there has never been a more important moment to work together to solve one of the world's most pressing problems. Through close cooperation and collaboration with developers, governments, and public health providers, we hope to harness the power of technology to help countries around the world slow the spread of COVID-19 and accelerate the return of everyday life.



Cybersecurity, Privacy & Safer Internet

Trade-Offs (Real / Framed): More Secure for Who?

Increasing Cost of Attack & Understanding Risk Profile

Sense of Safety: Privacy + Anonymity + Security

Digital Economy & Emerging Technologies



the product is you ...



facebook



IS ~~WATCHING~~ YOU
WORKING



Arabic text on a sign held by a man in the background.




UNFAIR

APP-BASE

GLOBAL

ILITY ↑↑

ASTUCTURE

TY 

PASSI

IENTS

FREELANCE



UBER DRIVER FOR A DAY



AUTOCAR
INDIA



OCT 14-15



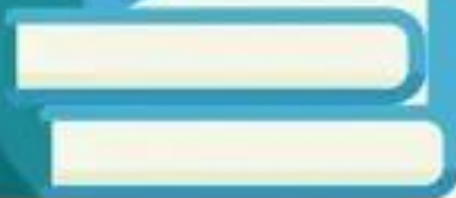
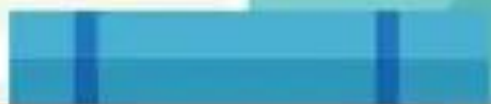
ETHICS OF ARTIFICIAL INTELLIGENCE







Machine
Learnin





Informed Consent



BUSINESS • TECHNOLOGY

Exclusive: OpenAI Used Kenyan Workers on Less Than \$2 Per Hour to Make ChatGPT Less Toxic

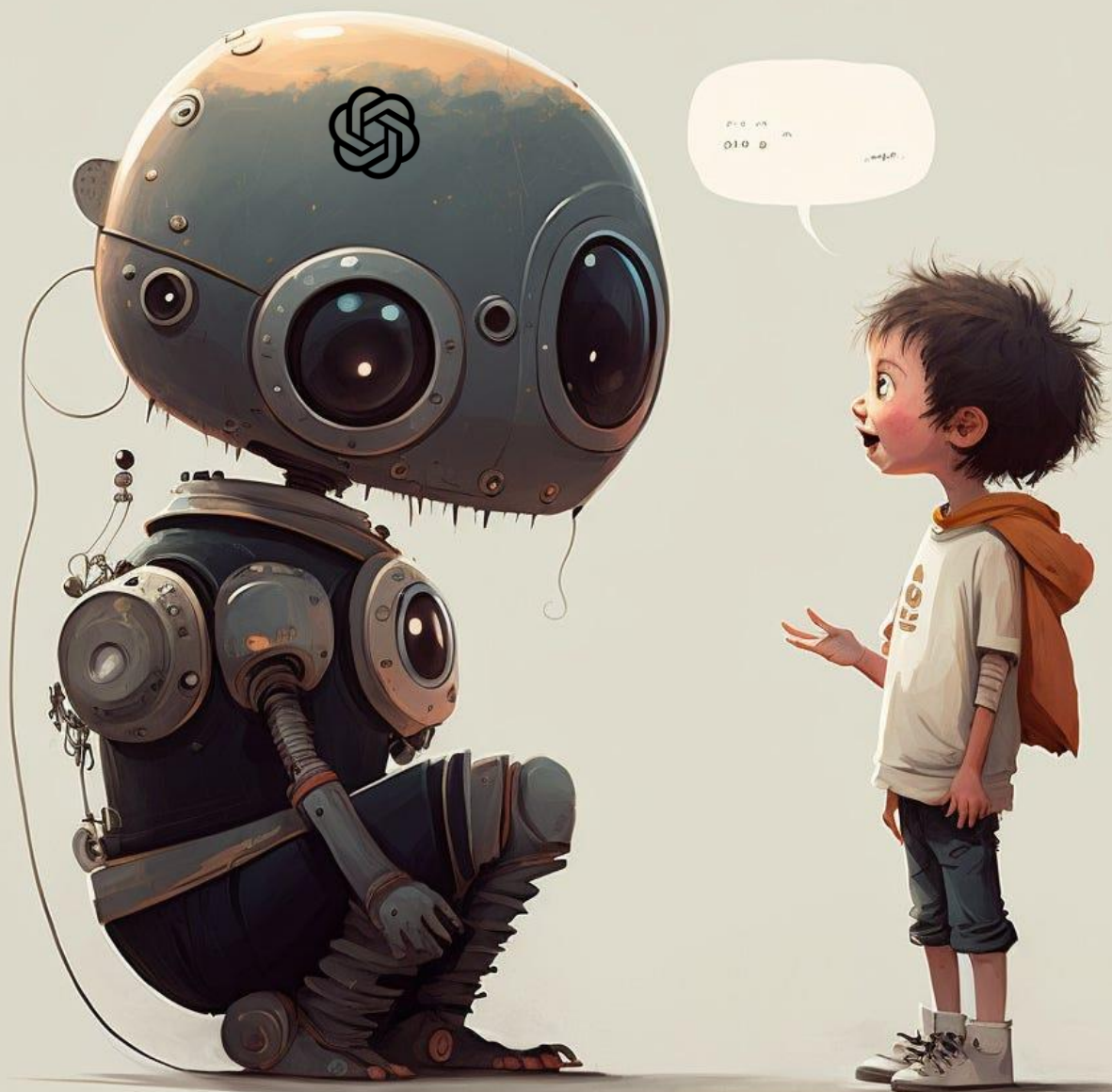


January 2017

PERSONAL

DIGITAL

SOVEREIGNTY



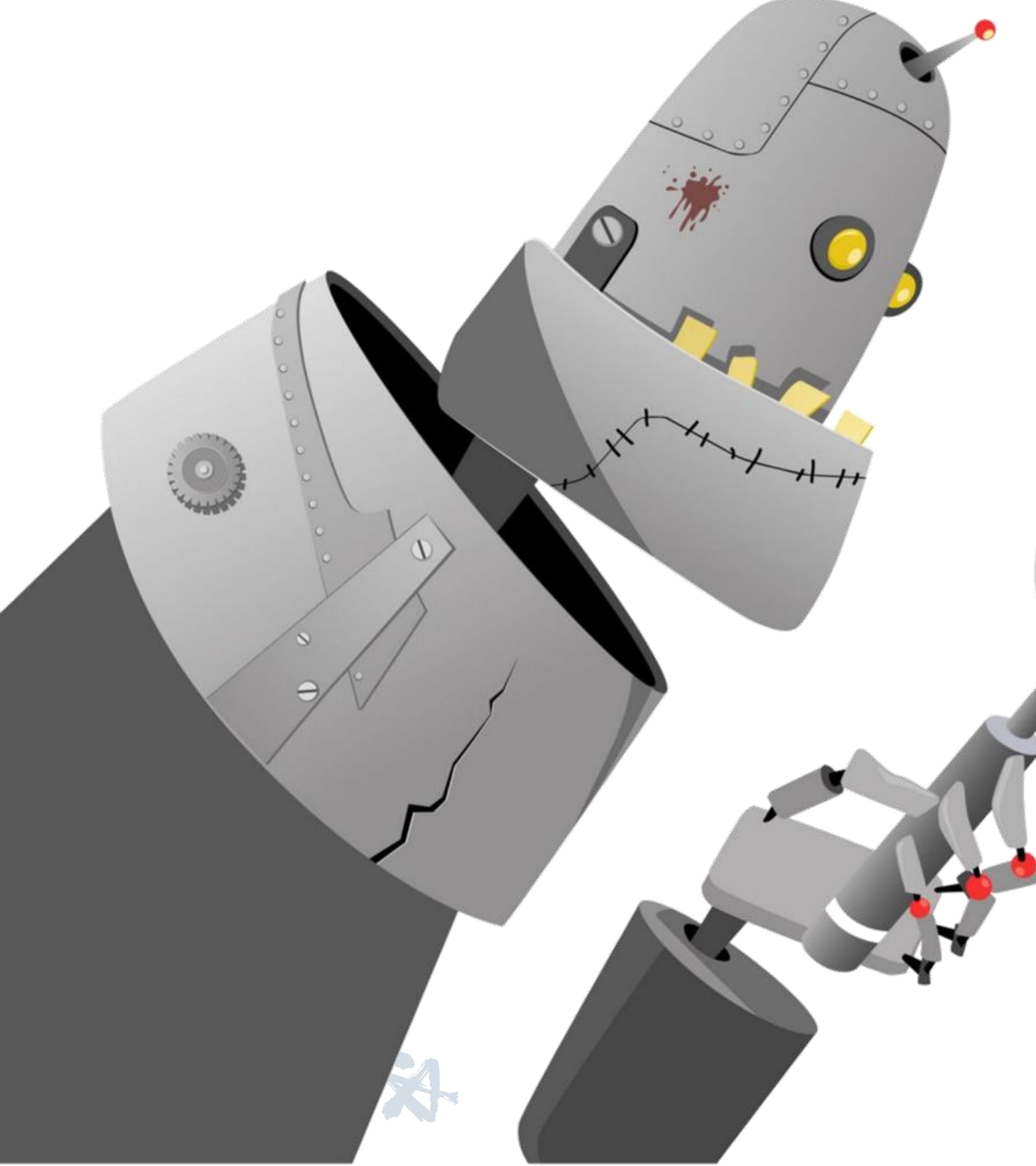
OpenAI acknowledges that ChatGPT "sometimes writes plausible-sounding but incorrect or nonsensical answers"

Google, one of AI's biggest backers, warns own staff about chatbots

By **Jeffrey Dastin** and **Anna Tong**

June 16, 2023 2:47 AM GMT+8 · Updated 7 days ago





GDPR - THE RIGHT TO DATA ERASURE (TO BE FORGOTTEN)



A data subject should have the right to have his or her personal data erased and no longer processed where the personal data are no longer necessary in relation to the purposes for which they are collected or otherwise processed (GDPR Recital 65)



A close-up photograph of a red, oval-shaped button with the words "ROLL" and "BACK" printed in white, bold, sans-serif capital letters. The button is mounted on a dark grey or black circular base, which is set into a blue plastic panel. The lighting is bright, creating a highlight on the top of the button. The background is slightly out of focus, showing more of the blue panel and a white surface.

**ROLL
BACK**

EU Artificial Intelligence Act: Risk levels

Social scoring, mass surveillance, manipulation of behaviour causing harm

Access to employment, education and public services, safety components of vehicles, law enforcement, etc.

Impersonation, Chatbots, emotion recognition, biometric categorization deep fake

Remaining

Unacceptable risk

High risk

Limited risk

Minimal risk



Prohibited



Conformity assessment



Transparency obligation



No obligation

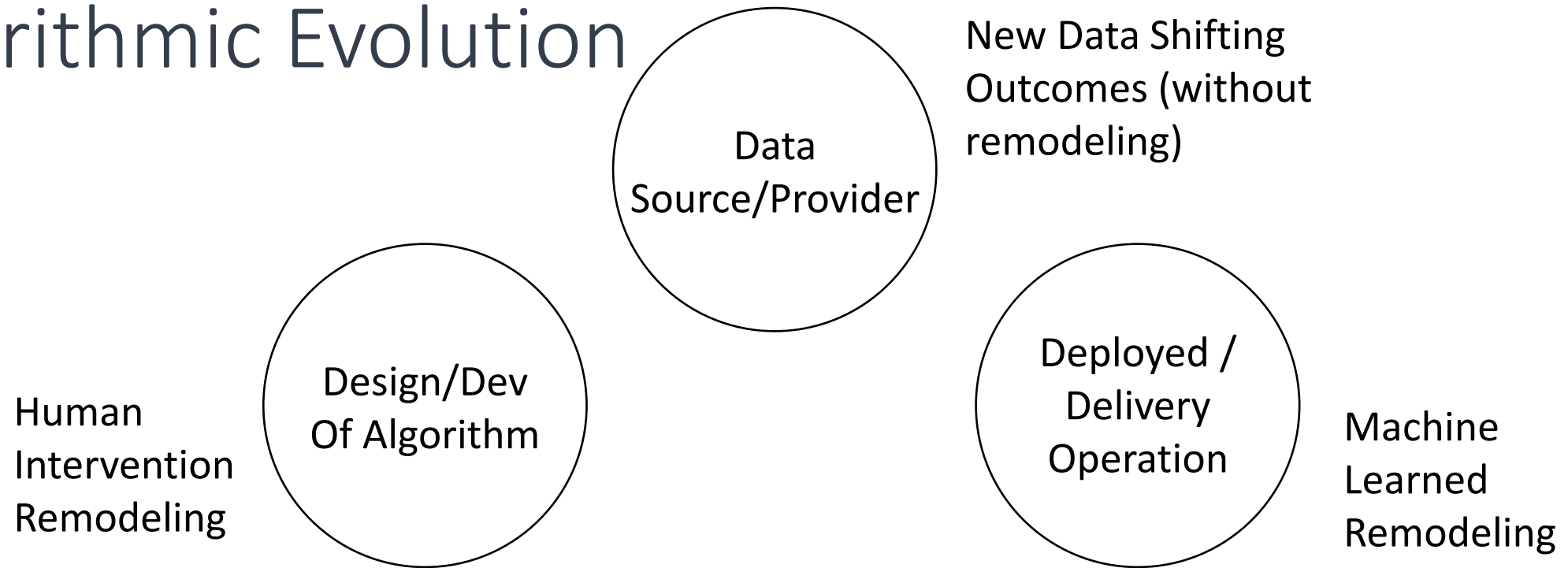
Algorithmic Accountability / Auditability



**IEEE P7003™,
Standard for Algorithmic
Bias Considerations
Working Group**

IEEE Computer Society/Software & Systems
Engineering Standards Committee (C/S2ESC)

Algorithmic Evolution



Identifying Algorithmic Biases (Bias/Value Profile)

- Desired Biases / Objective Goals
- Acceptable / Justifiable Biases
- Negative / Undesired Biases

PERMISSIONLESS INNOVATION

The Continuing Case for
Comprehensive Technological Freedom

Regulating Permissionless Innovation

Responsibility & Auditability (Personal Digital Sovereignty)

Future of Social Welfare (Self-Determination & Justice)

Global Governance & the Multistakeholder Model

Digital Economy & Emerging Technologies

Access & Empowerment

Human Rights Online

Cybersecurity, Privacy & Safer Internet

Digital Economy & Emerging Technologies

Diversity & Sustainability in Internet Governance



SUSTAINABLE DEVELOPMENT GOALS

17 GOALS TO TRANSFORM OUR WORLD

1 NO POVERTY 	2 ZERO HUNGER 	3 GOOD HEALTH AND WELL-BEING 	4 QUALITY EDUCATION 	5 GENDER EQUALITY 	6 CLEAN WATER AND SANITATION
7 AFFORDABLE AND CLEAN ENERGY 	8 DECENT WORK AND ECONOMIC GROWTH 	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE 	10 REDUCED INEQUALITIES 	11 SUSTAINABLE CITIES AND COMMUNITIES 	12 RESPONSIBLE CONSUMPTION AND PRODUCTION
13 CLIMATE ACTION 	14 LIFE BELOW WATER 	15 LIFE ON LAND 	16 PEACE AND JUSTICE STRONG INSTITUTIONS 	17 PARTNERSHIPS FOR THE GOALS 	 THE GLOBAL GOALS For Sustainable Development





EcoInternet_Index

#DoMore #WasteLess

<https://ecointernet.asia>



EcoInternet Pilot Study Report 2021

The COVID-19 pandemic unequivocally demonstrated that the Internet is and will likely continue to be the core and



A.I. Governance

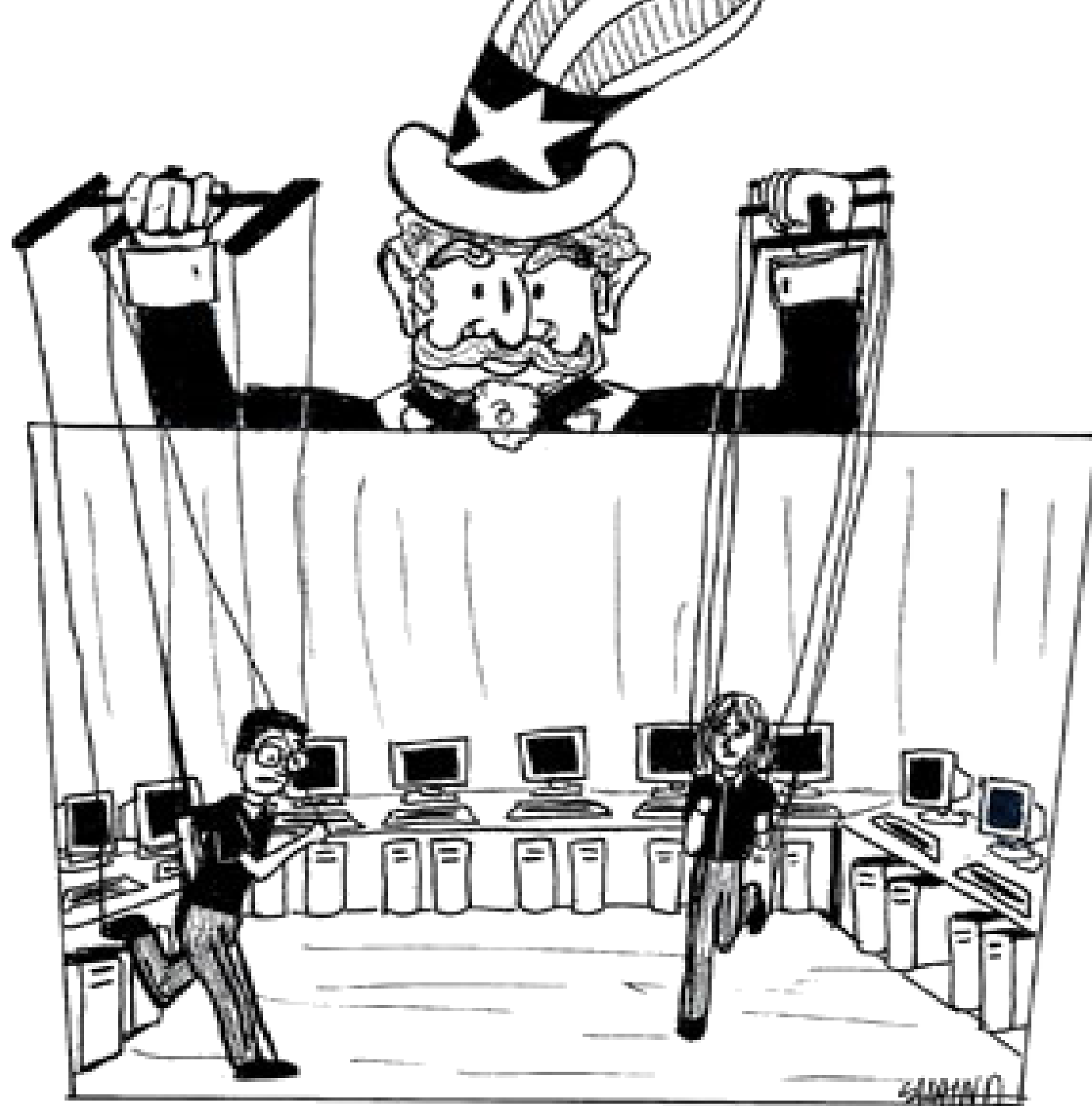


WSIS
(World Summit on Information Society)

Working Together in a Multistakeholder Approach

The Evolving Multistakeholder Model

IANA (Internet Assigned Numbers Authority) Stewardship Transition



Data Sending Process

**Host1
Sender End**



4. Application



3. Transport



2. Internet



1. Network Access



Company B (US)
**Host2
Receiving End**



4. Application

3. Transport

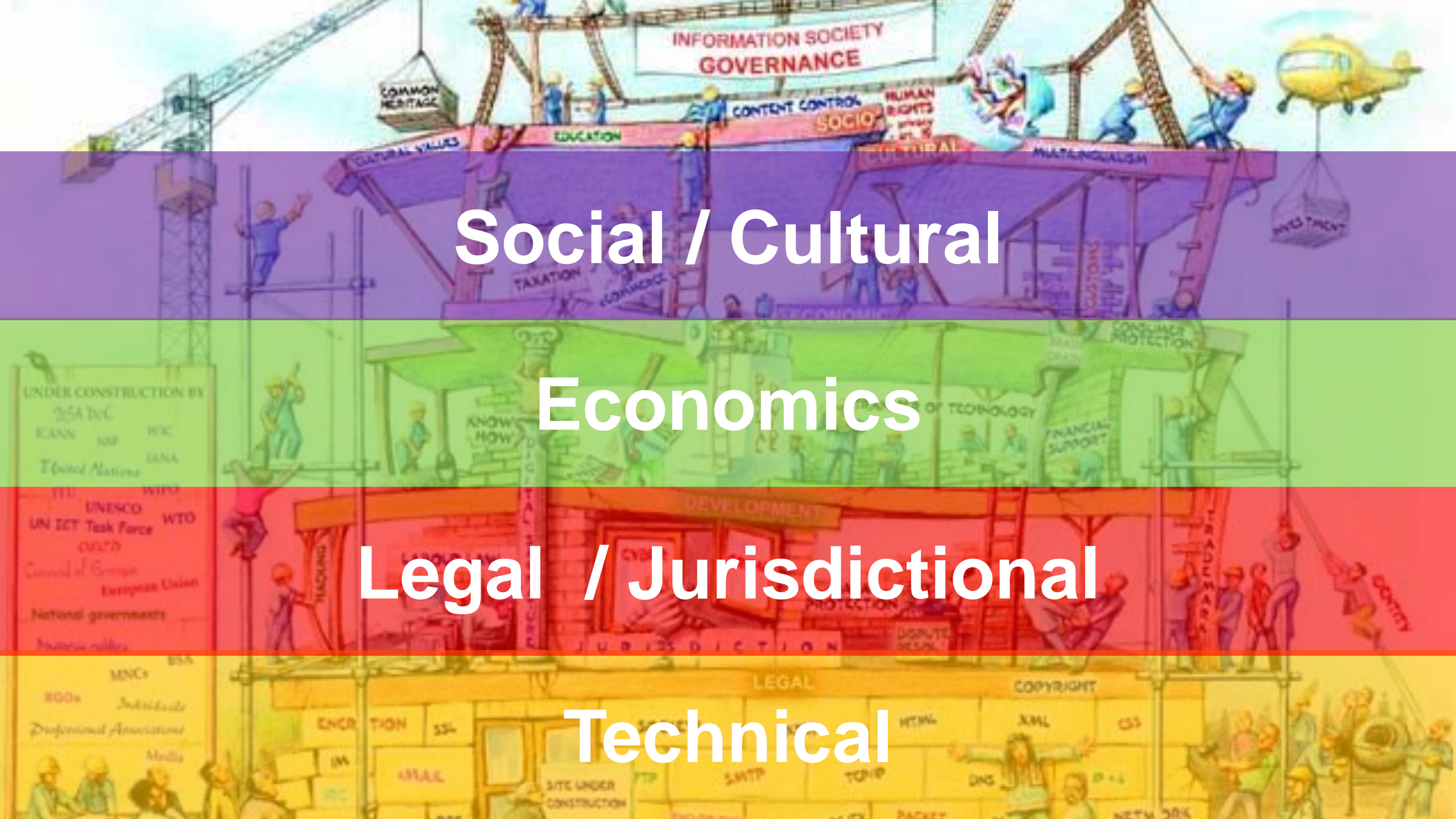
2. Internet

1. Network Access



1010101011100001101000101





Social / Cultural

Economics

Legal / Jurisdictional

Technical



Social / Cultural / Economics

Legal / Jurisdictional

Content

Technical



Global Public Interest

One World, One Internet

ICANN STRATEGIC PLAN 2016-2020



Internet Governance: *of the people, by the people, for the people...* **Global Public Interest**

Multistakeholder (its discontents & continuous improvement)

Diverse & Competing Views & (not) Interests (what compromise)

Overlapping & interrelated issues & stakeholders (who included)

Regulating Permissionless Innovation (how and what not to)

Governance OF the Internet / ON the Internet (where to fix)

Participation, Participation, **Informed** Participation.



3%

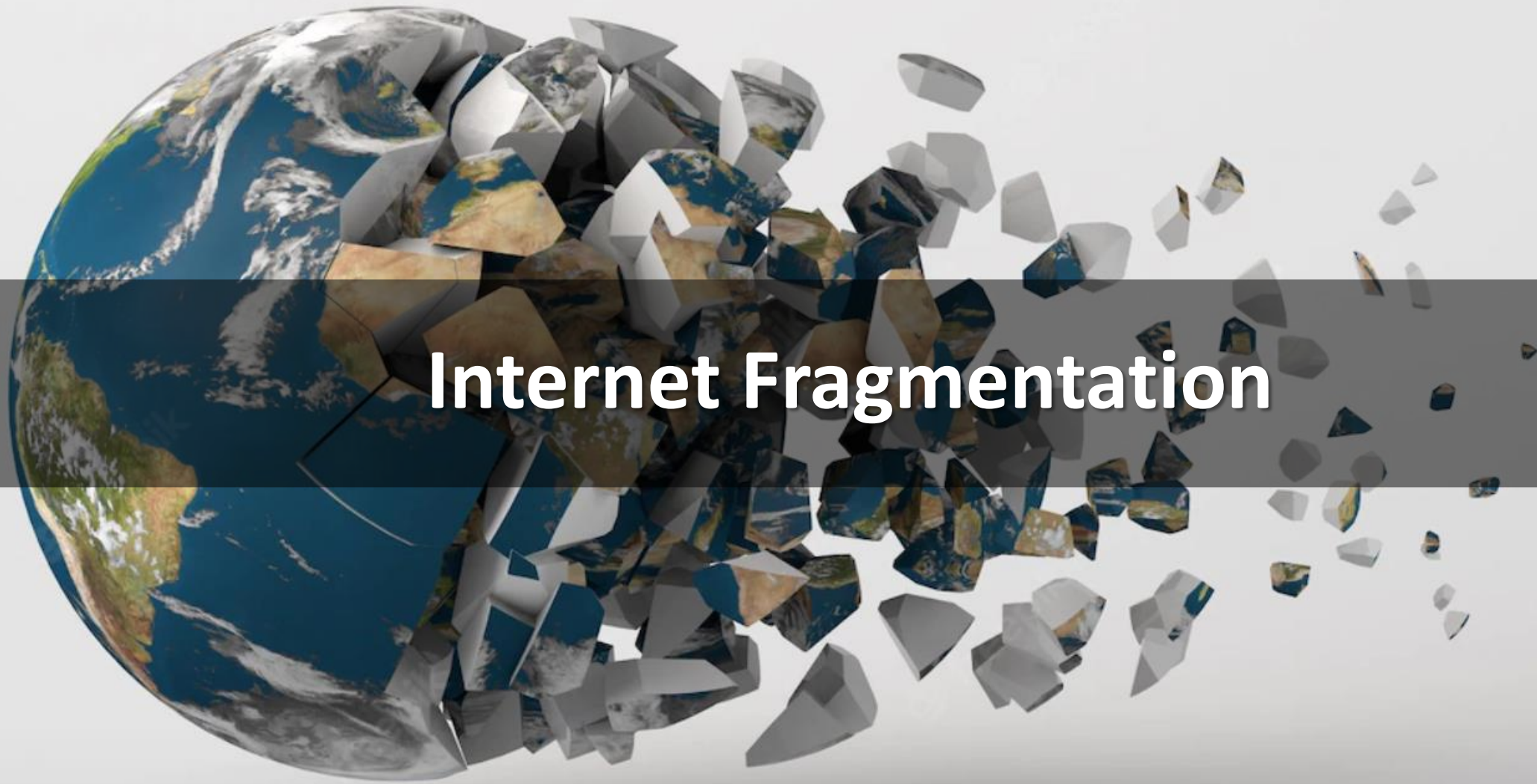
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Contributes to Internet
Development in Asia

Thank You! | info@dot.asia



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Asian #GenerAsian



Internet Fragmentation