Geneva Internet Platform

DiPLO www.diplomacy.edu

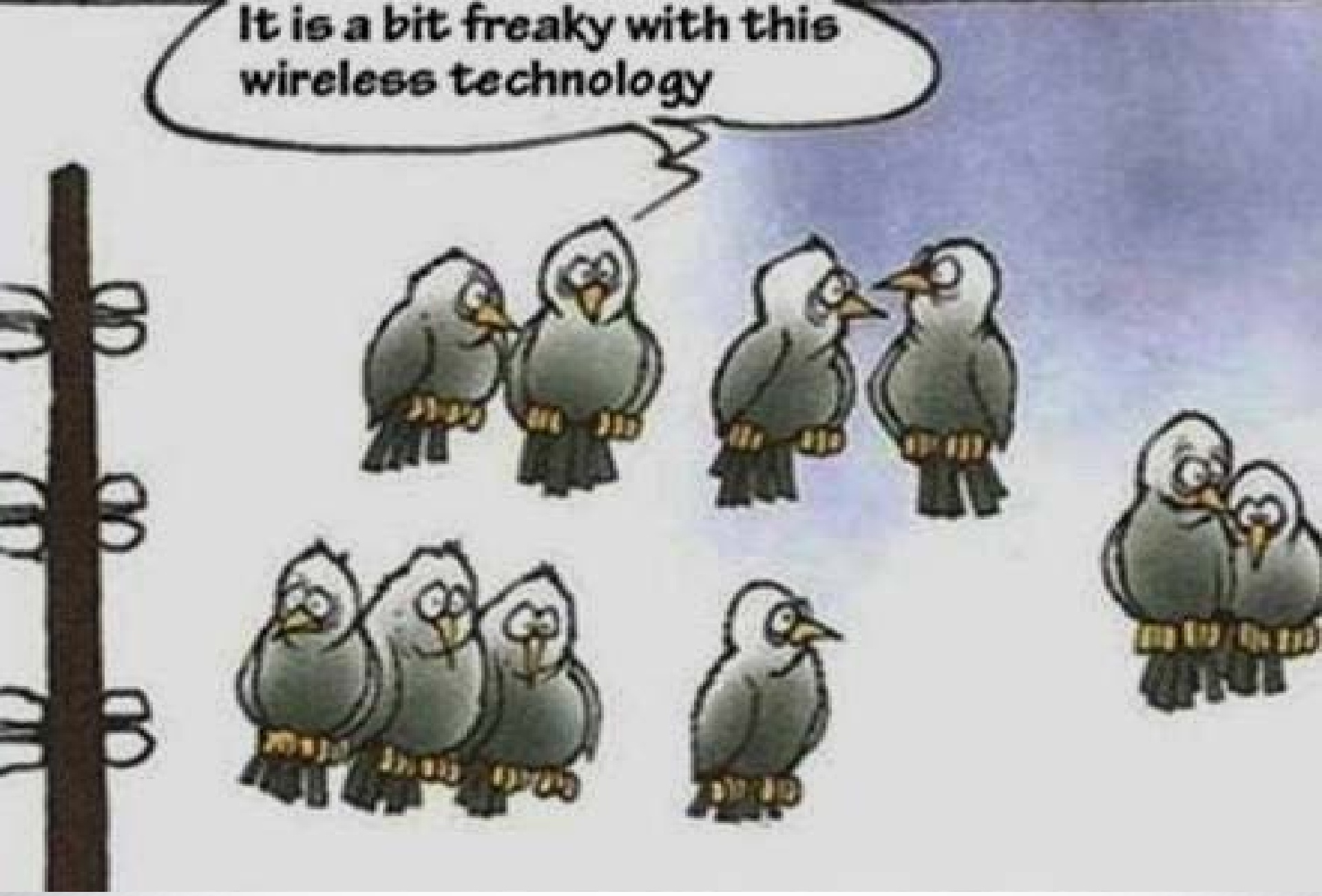
Libraries in

Digital Era

by Dr Jovan Kurbalija

Maribor, Slovenia

22 November 2016


It is a bit freaky with this wireless technology

http://www.diplomacy.edu/e-diplomacy

DiPLO

- Involved in e-diplomacy since **1992** (as part of the Mediterranean Academy of Diplomatic Studies)
- Established as an independent foundation by the governments of Malta and Switzerland in **2002**
- Offices in Malta, Geneva, and Belgrade
- 20 full-time and 40 part-time staff
- **UN ECOSOC** special consultative status
- Alumni of **2300** diplomats & officials from **189** countries
- Selected among **the Top 100** non-governmental organisations in 2012

2005
Luca Bruno / AP

2013
NBC NEWS
Michael Sohn / AP

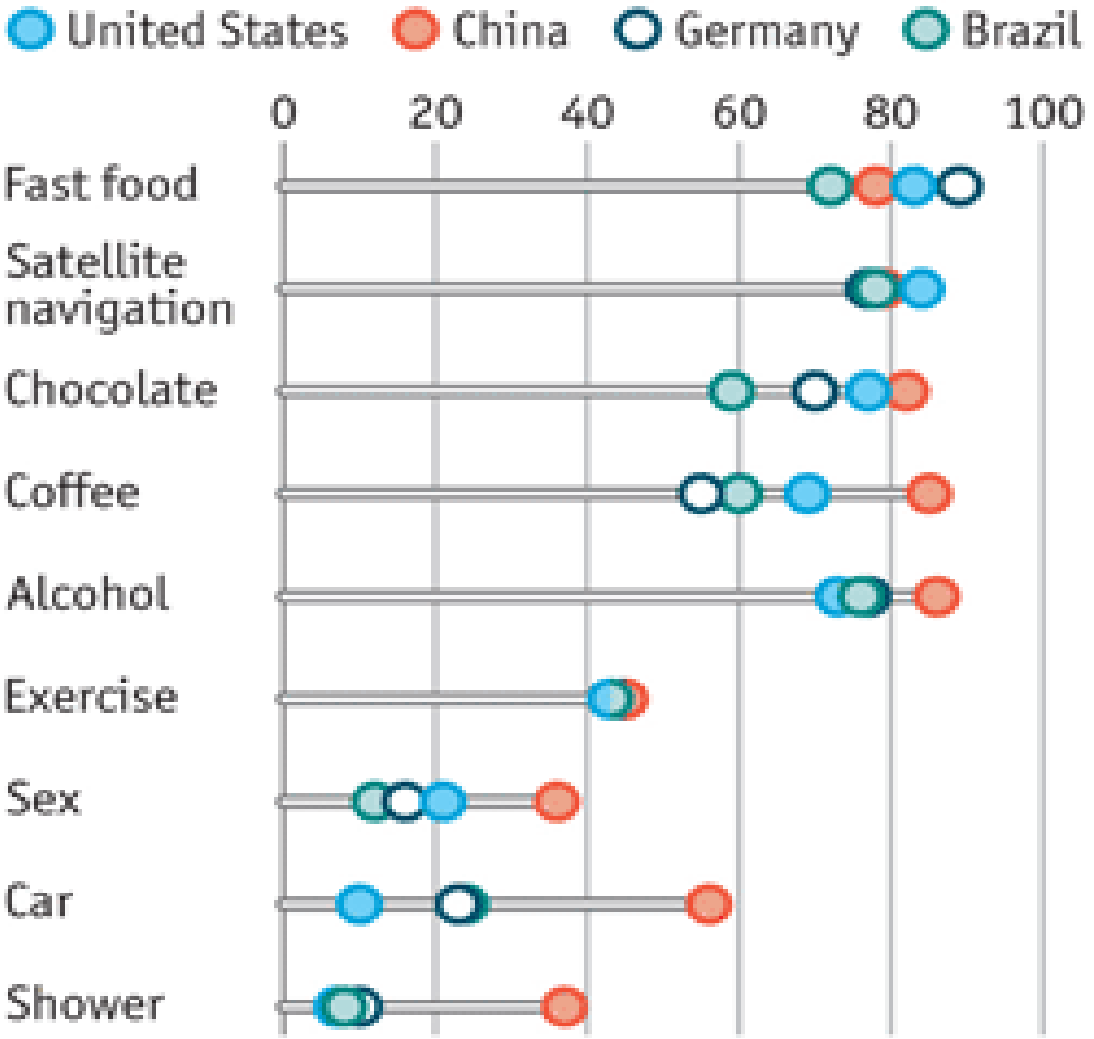
Context

High dependence on the Internet

A key part of life

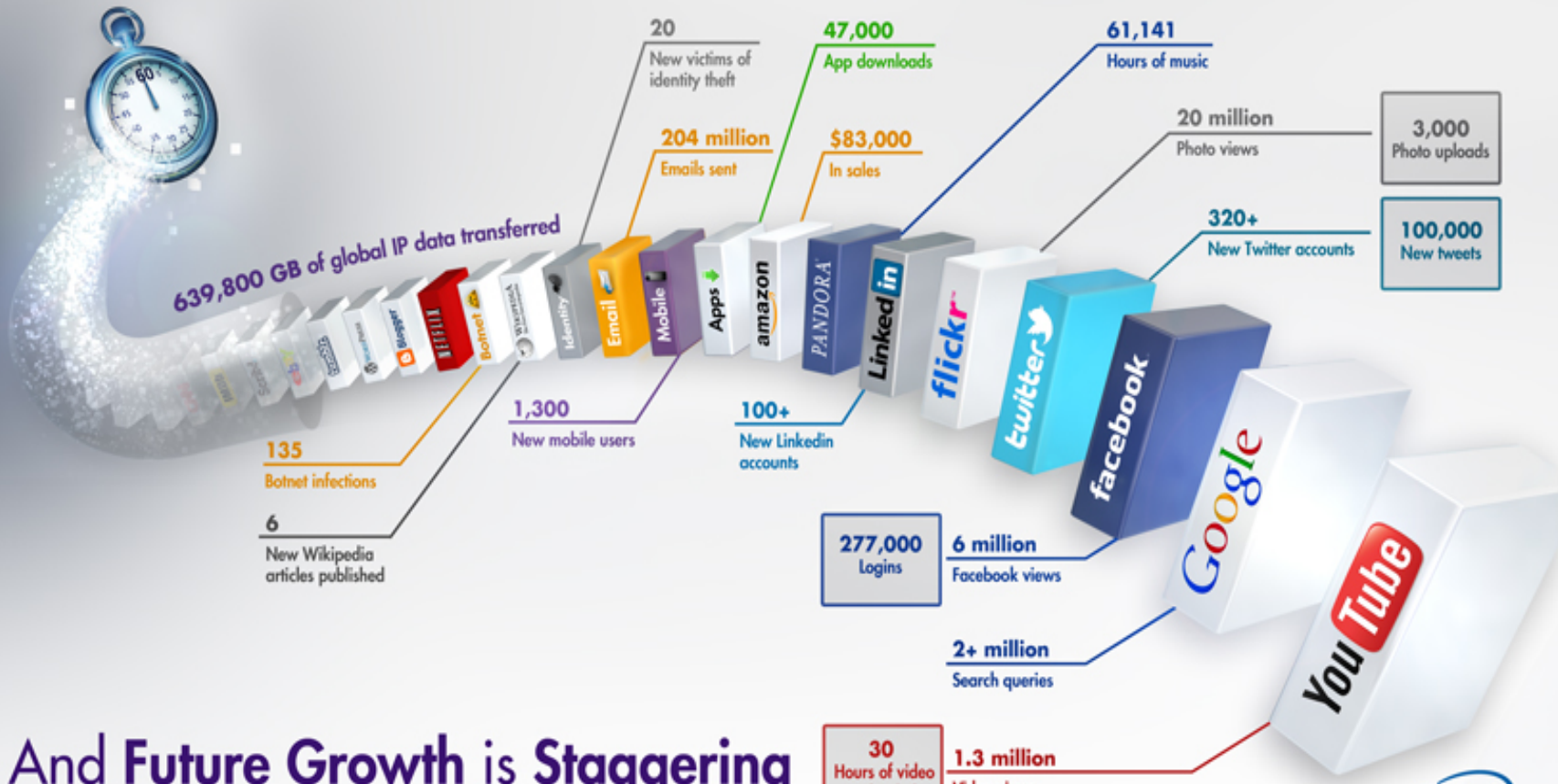
Percentage of respondents willing to give up a lifestyle habit for a year instead of the internet

2012



Source: Boston Consulting Group

What Happens in an **Internet Minute?**



And **Future Growth** is **Staggering**

Today, the number of networked devices = the global population

By **2015**, the number of networked devices = 2x the global population

In **2015**, it would take you **5 years** to view all video crossing IP networks each **second**

intel

Start from Motivations & Limitations

- 24 hours day
- 8 pieces of information in working memory
- maintain 148 stable social contacts (Dunbar's number)

The farther backward you can look,

the further forward you can see.

Concept : Jovan Kurbalija Illustration : Vladimir Veljašević

cc

Fact and Truth

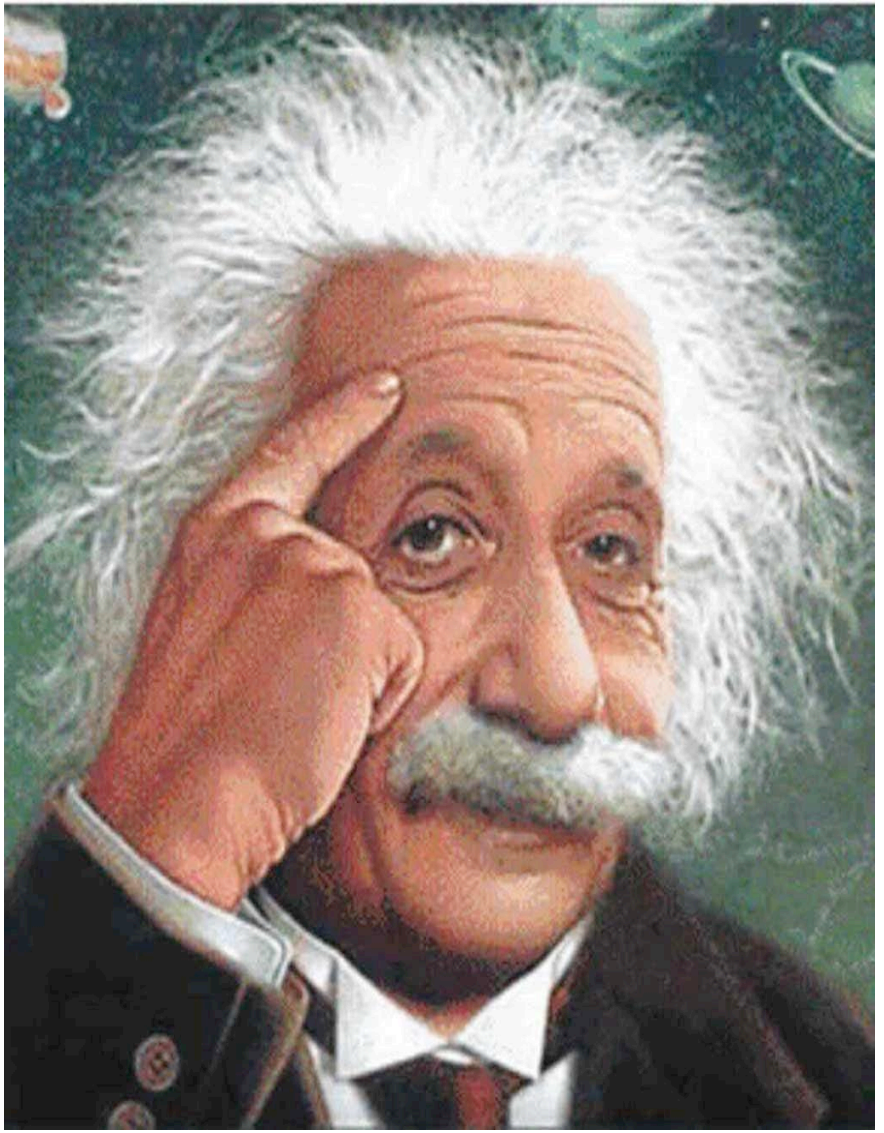
Empathy

Solitude

Freedom and Dignity

Compromise

DiPLO



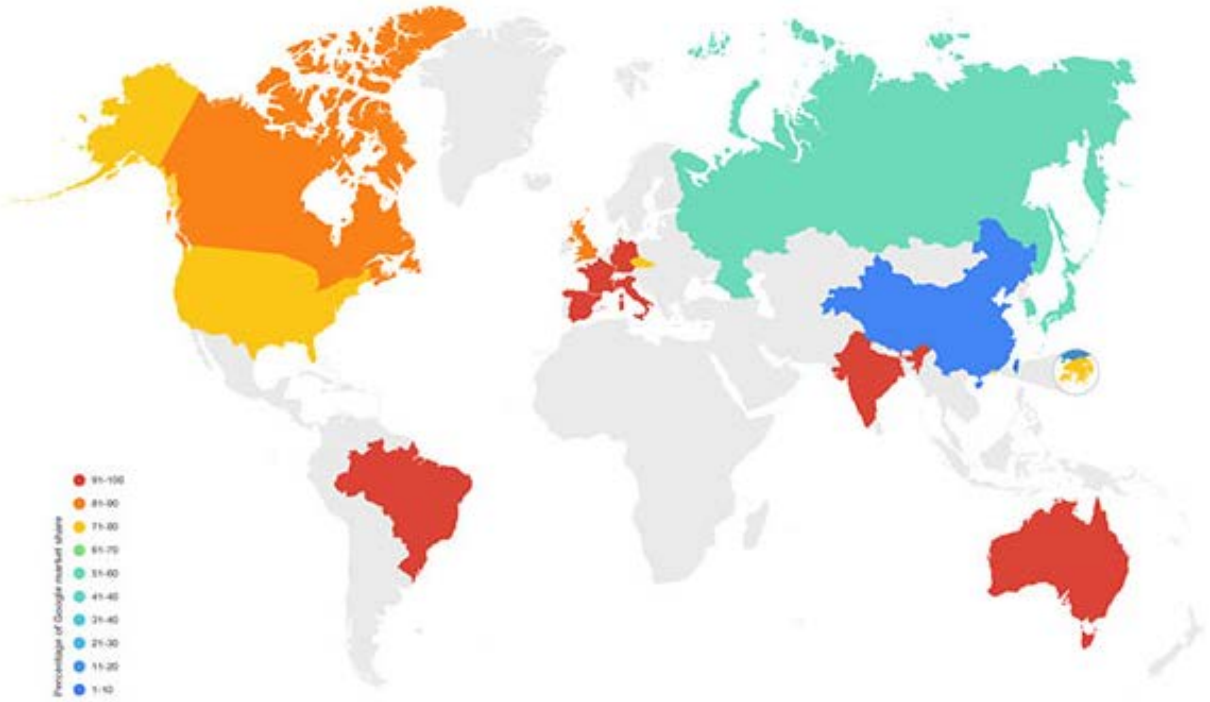
The facts are coming! The facts are coming!

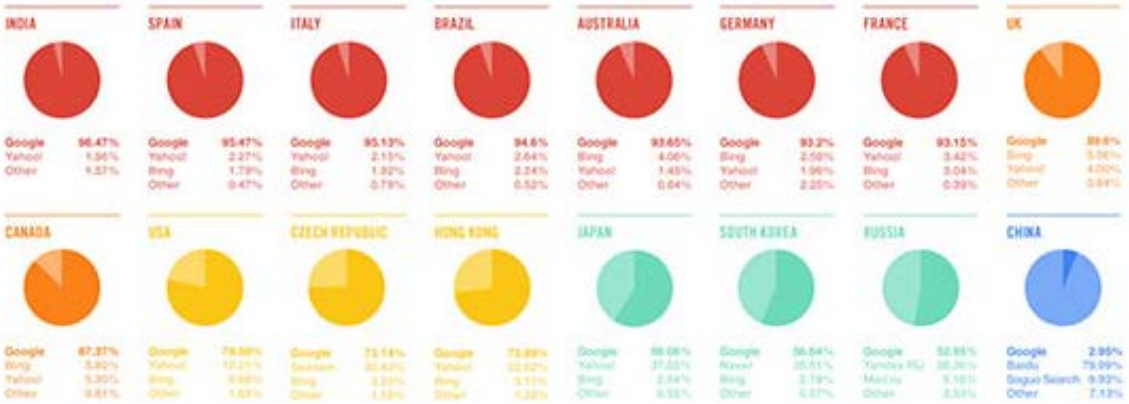
What means ‘Truths’ in science ?

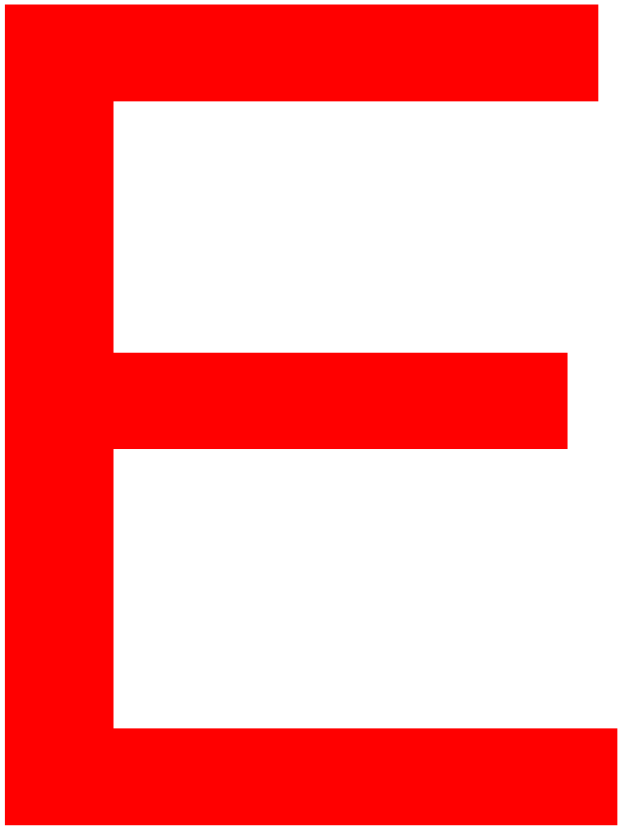
- **in science a result is recognised as ‘true’ only if it can be reproduced everywhere at any time.**
- **The ultimate authority is nature**

GOOGLE

GLOBAL SEARCH ENGINE MARKET SHARE - 2015

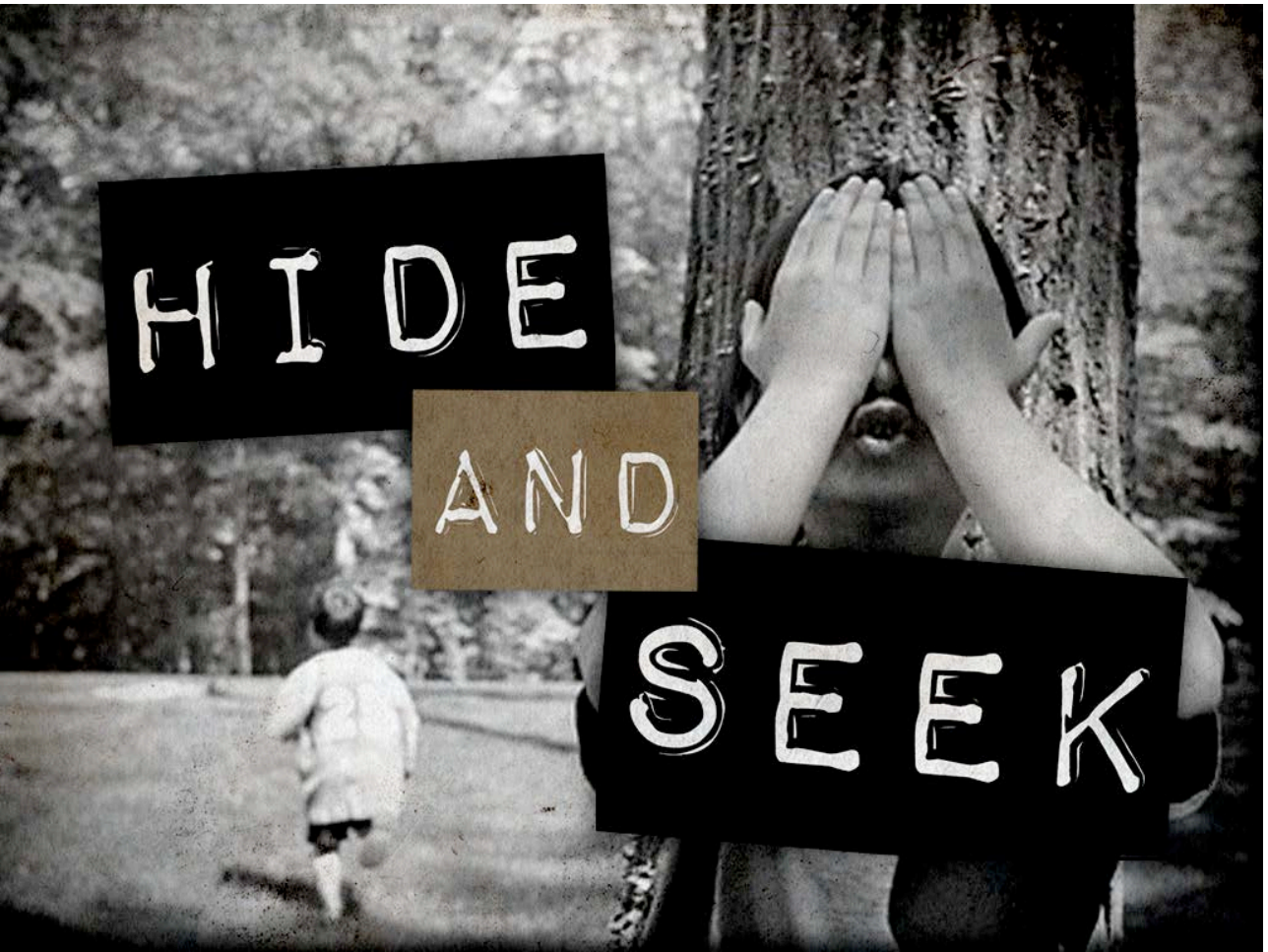






Empathy

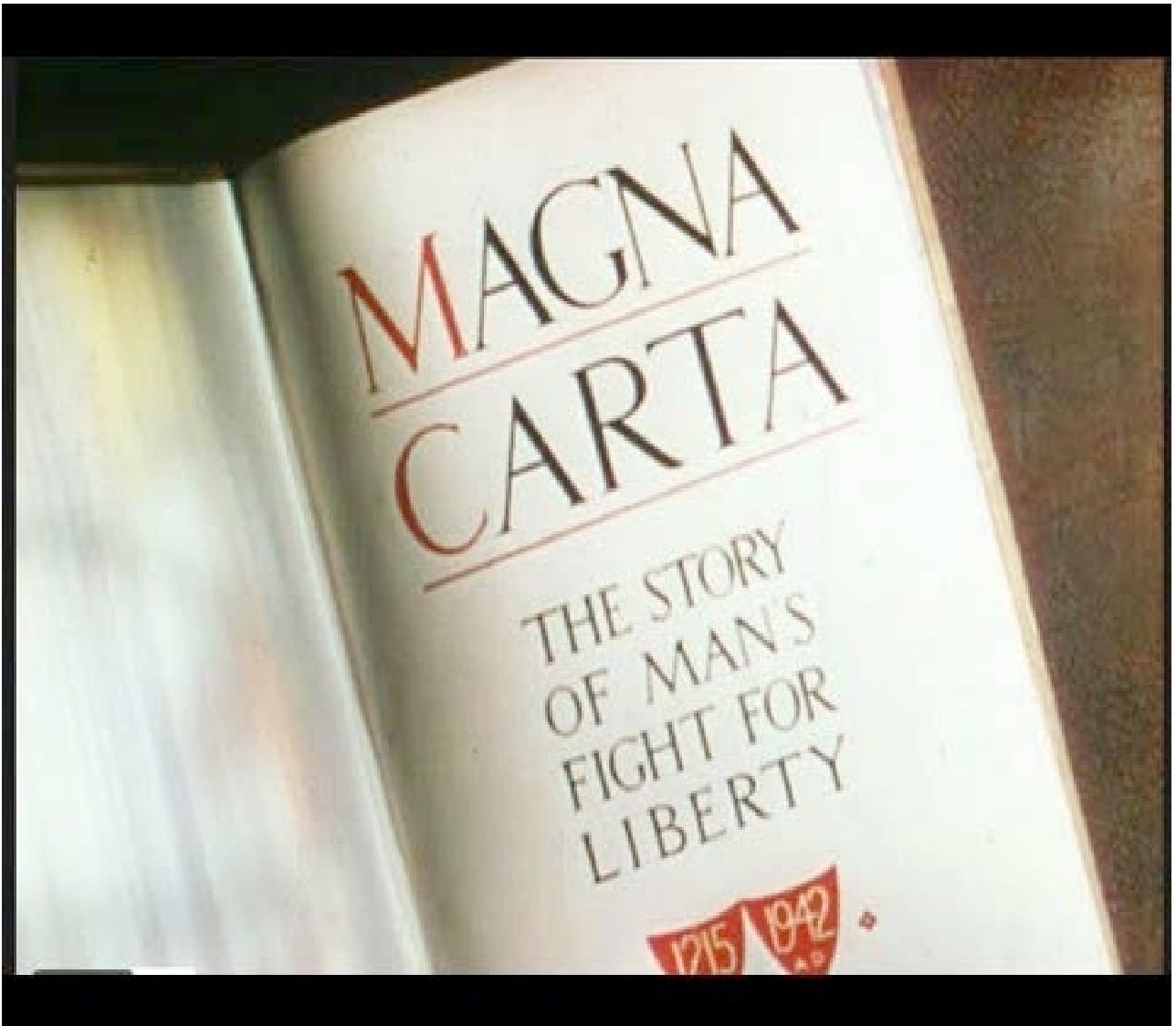
Solitude



Since early days of humanity

Solitude

Freedom and dignity



800 years ago

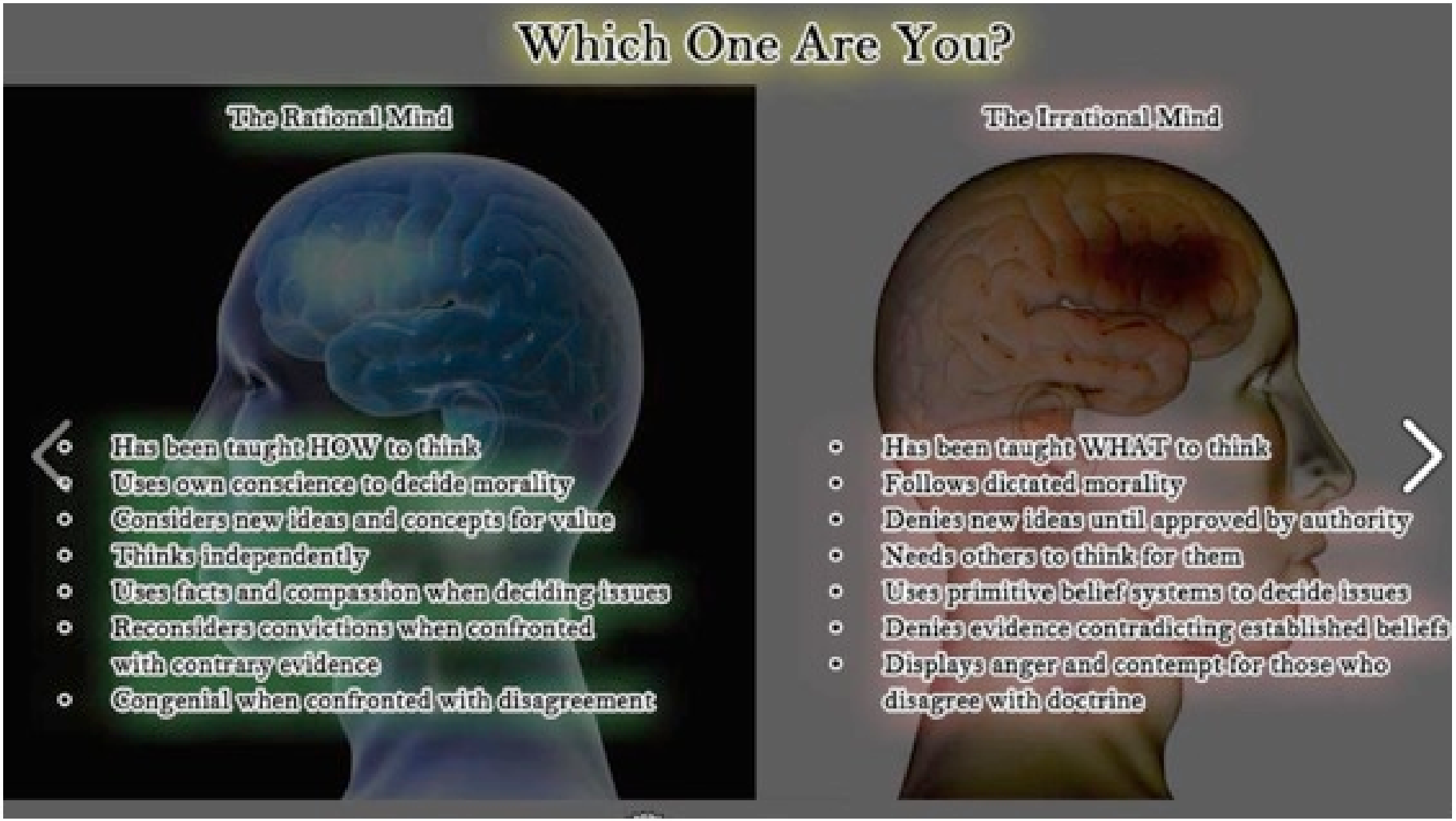
Compromise

Vienna Congress 200 years ago

HOW?

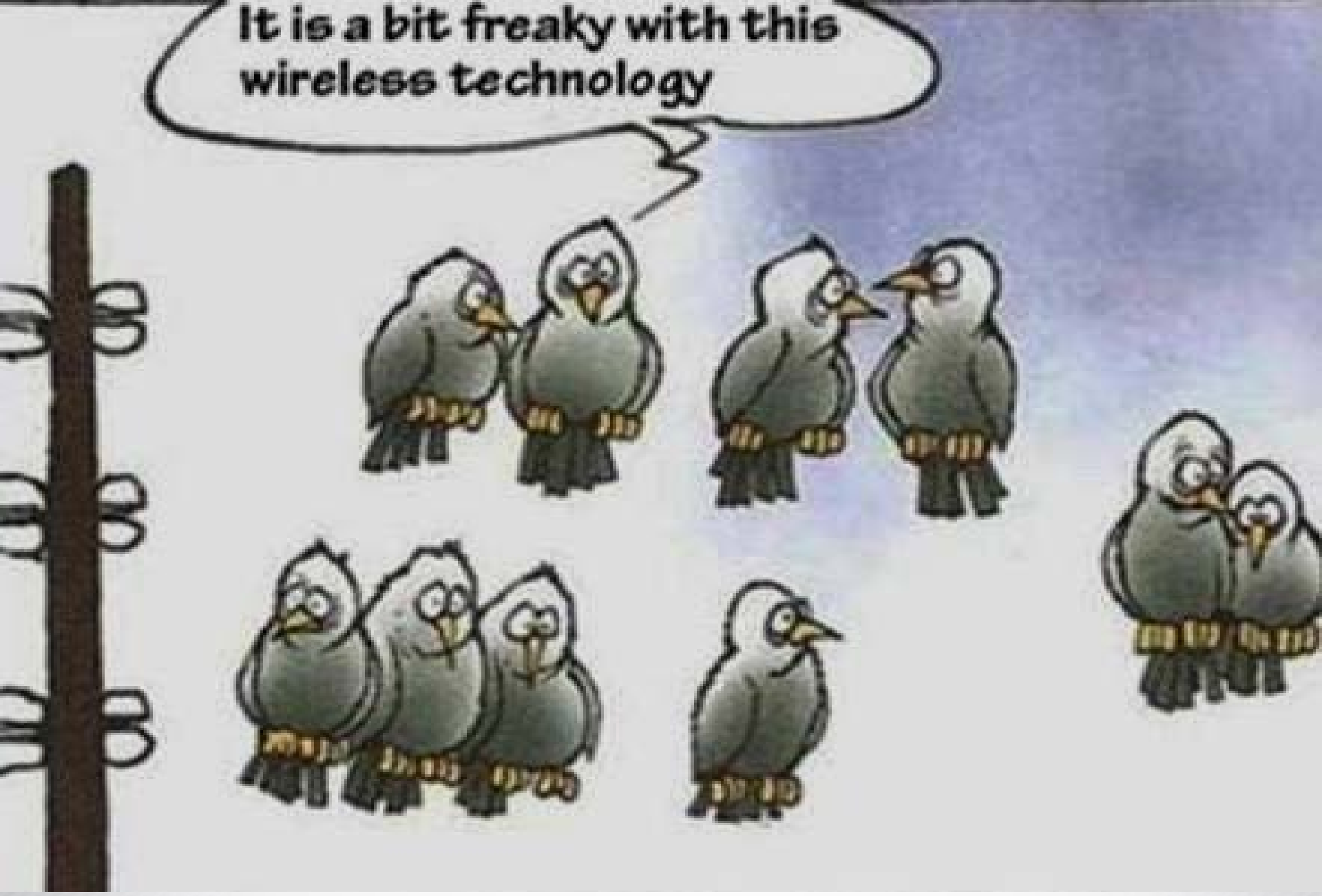
TALK...TALK...TALK...TALK...TALK...TALK...TALK...
TALK...TALK...TALK...TALK...TALK...TALK...TALK...TALK...
LK...TALK...TALK...TALK...TALK...TALK...TALK...TALK...TALK...
TALK...TALK...
TALK...TALK...TALK...
TALK...
TALK...TALK...
TALK...
TALK...TALK...
CONTEXT

Thinking Fast and Slow



Philosophy

New Social Contract?
Internet and Progress?


It is a bit freaky with this wireless technology

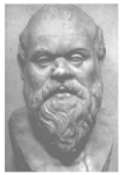
Territoriality
Migrants in Djibouti accessing signal from Somaliland

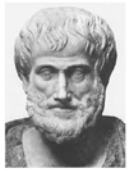
The Ambassadors
by Hans Holbein

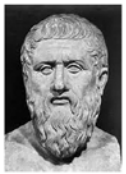
Heavenly

Earthy

Vanity


Sokrates


Aristoteles


Plato

St.Tomas Akvinietis

Spinoza

Machiavelli

Bacon

Thomas More

Voltaire

Confucius

Lao Tze

David Hume

The corruption of the best things gives rise to the worst. Custom is the great guide of human life.

Thomas Hobbes

There are three causes of strife in human nature: rivalry, distrust, pride.

John Locke

For no government can have a right to obedience from a people who have not freely consented to it.

Jean-Jacques Rousseau

Rousseau Man was born free, and he is everywhere in chains. Those who think themselves the masters of others are indeed greater slaves than they.

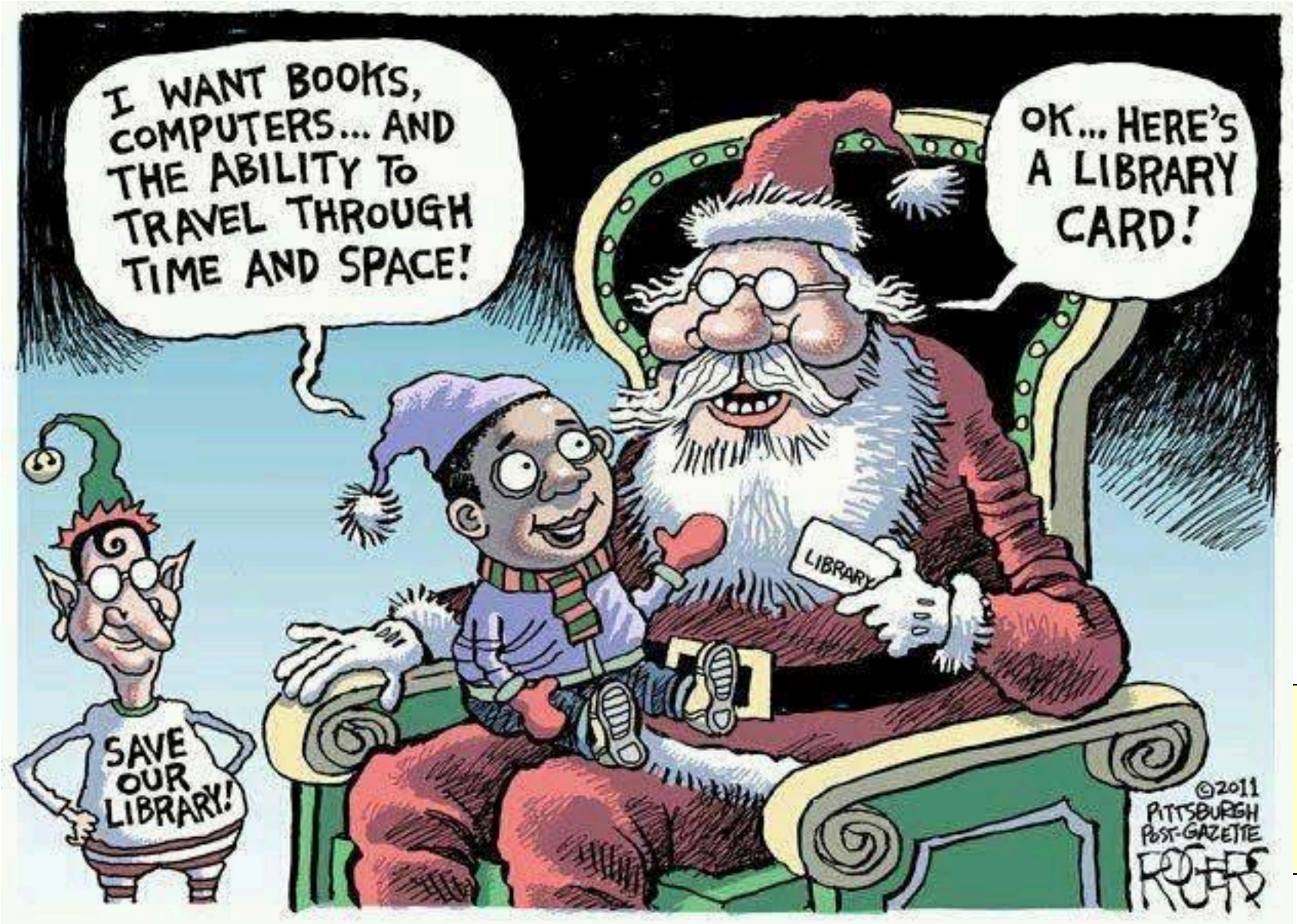
Hugo Grotius

Every nation is free to travel to every other nation, and to trade with it.

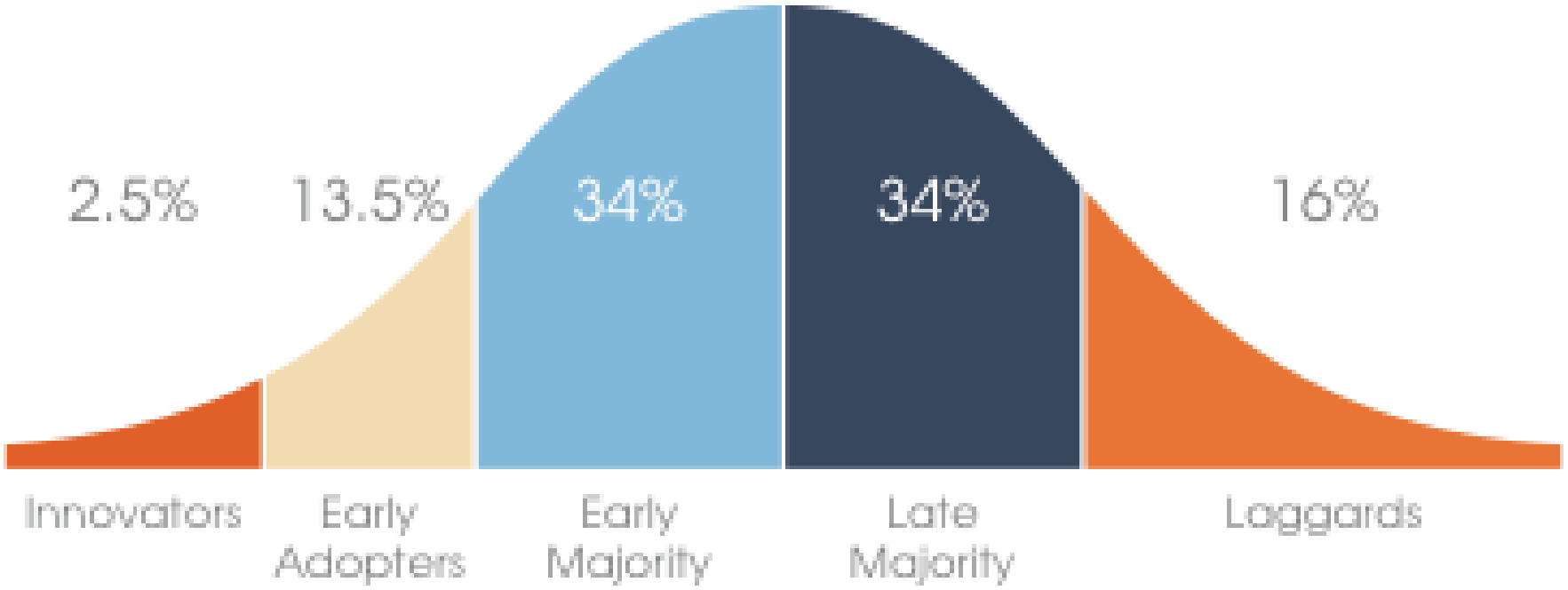
INTERNET SOCIAL CONTRACT

What can

Libraries do?


I WANT BOOKS, COMPUTERS... AND THE ABILITY TO TRAVEL THROUGH TIME AND SPACE!
OK... HERE'S A LIBRARY CARD!
LIBRARY
SAVE OUR LIBRARY!
©2011 PITTSBURGH POST-GAZETTE
ROGERS

Help Late Majority and Laggards



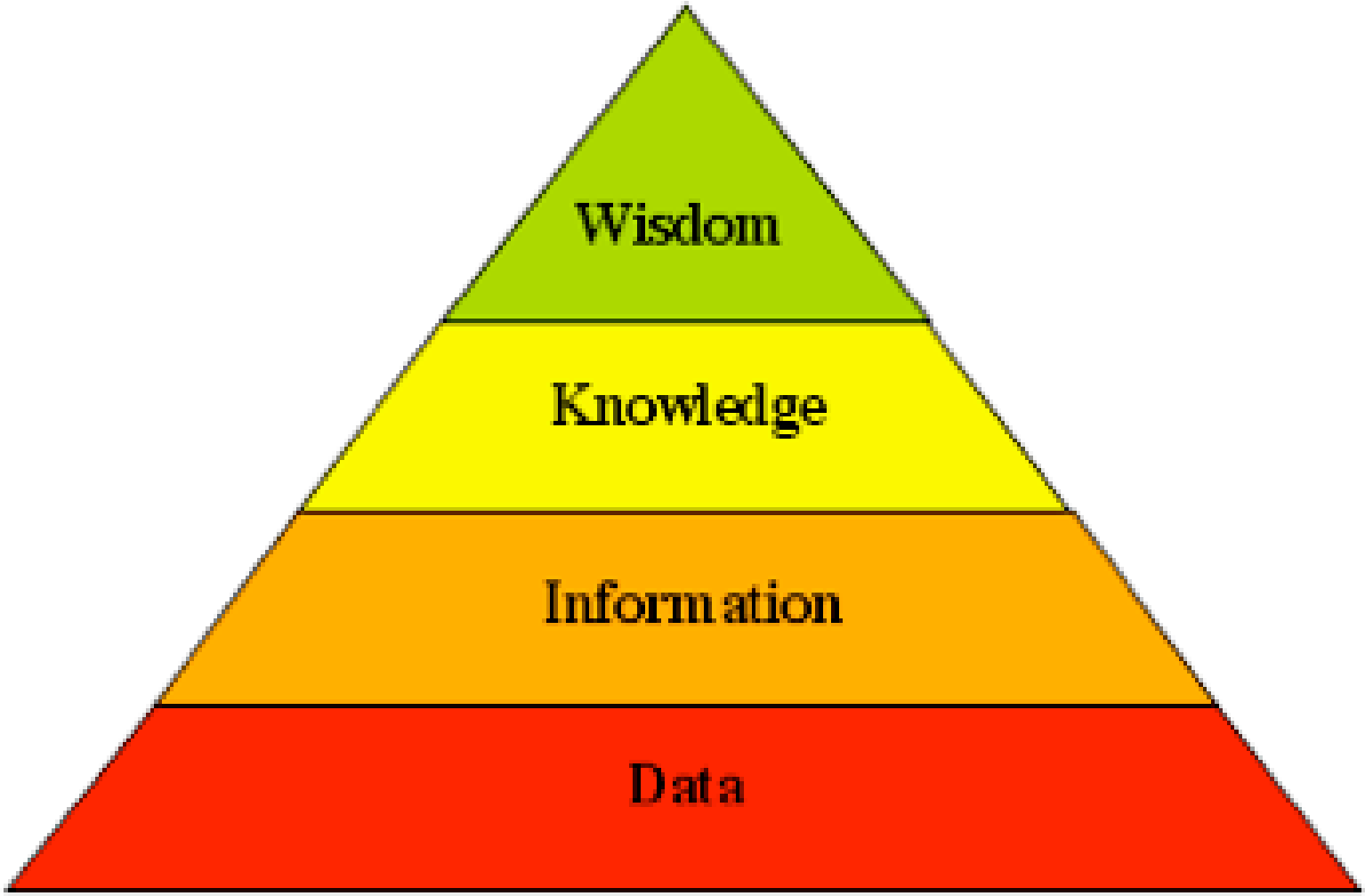
Core Business

Libraries in Digital Era

Geneva Internet Platform

DiPLO
www.diplomacy.edu

Core Business for Libraries

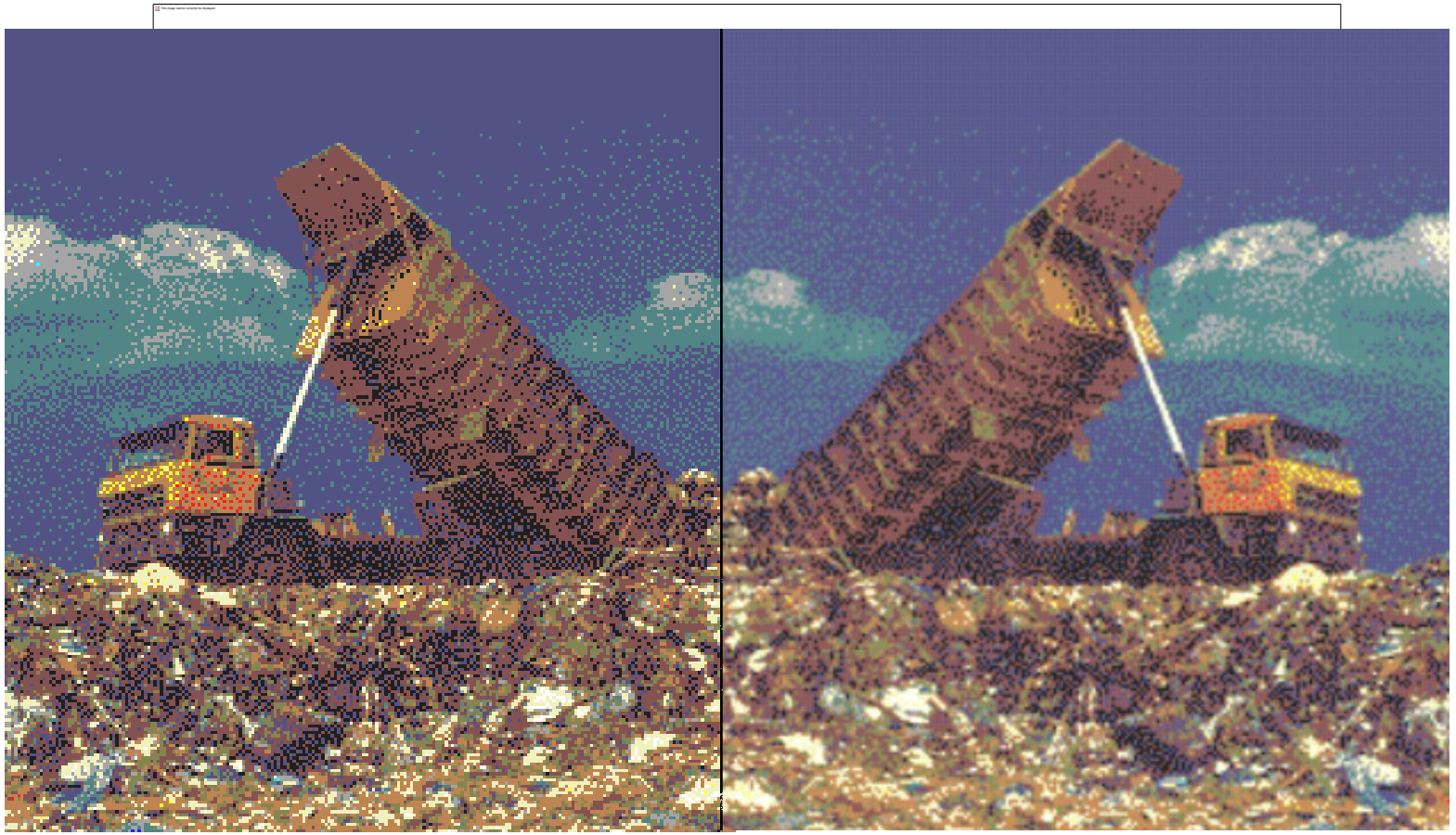


A simple example

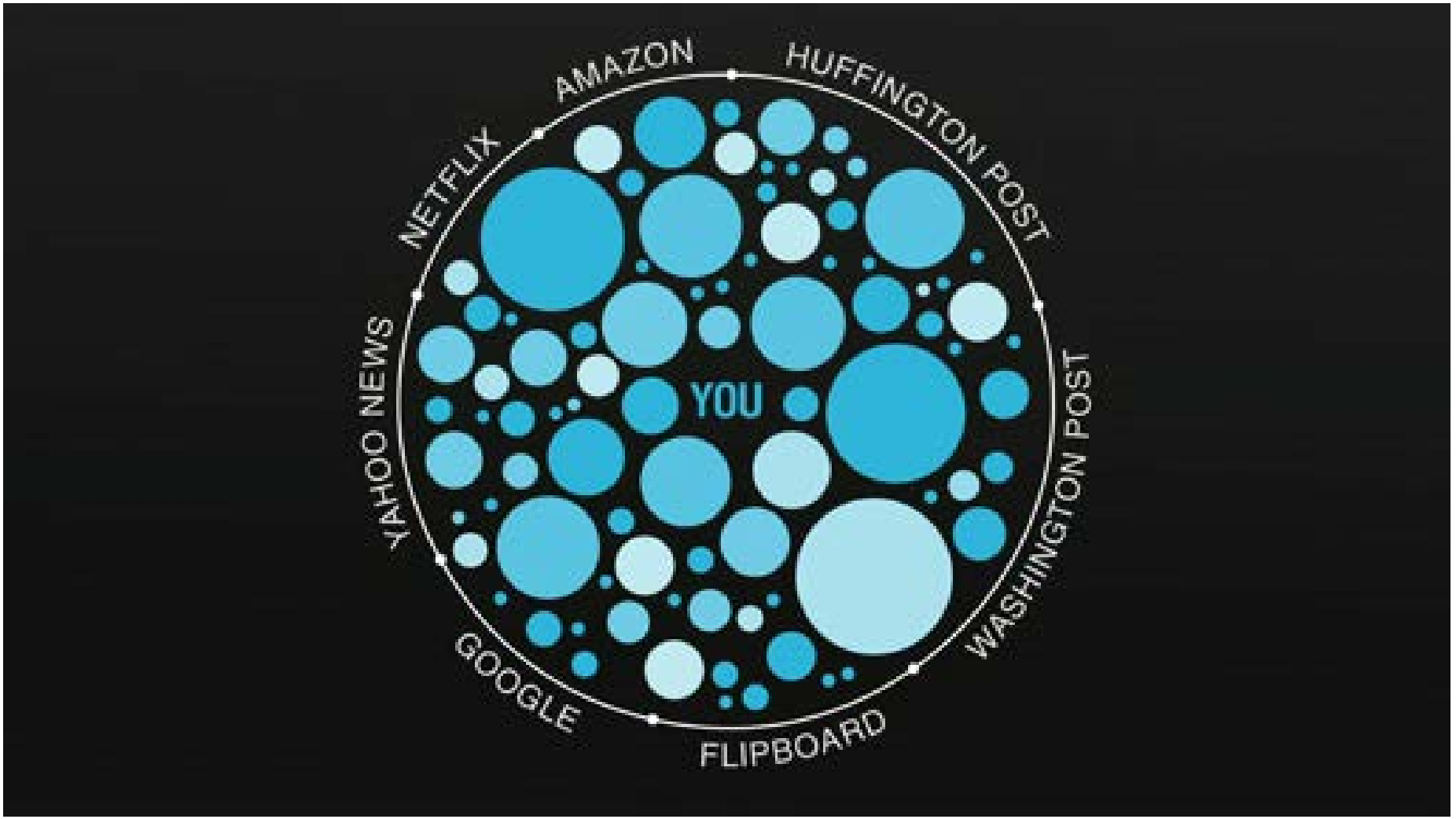
Information:

Morning:	Sunny; 16 C South wind – 13 km/h
Afternoon:	Cloudy; 10 C South-west find - 11 C
Knowledge:	There will be sudden drop in temperature
Understanding:	Weather is nice. I have to make a good presentation in order to keep people in the room.

Poor data/information quality



The equivalent of manufacturing waste



Eli Pariser: Beware online "filter bubbles“
http://www.ted.com/talks/eli_pariser_beware_online_filter_bubbles.html

Ensure Quality – Towards Facts and Evidence

Just because it has been bought, printed or obtained through a computer...

Data, documents and/or information

are not necessarily suitable for a particular need or even right

High Relevance of MetaData

Library card catalogue

Metadata on Journals indexed in 1999
by the National Agricultural Library,
Washington DC, USA

Genetic engineering : Principles and methods
Genet. eng.
NAL call no. - QH442.G4 ISSN 0196-3716
New York, N.Y. : Plenum Press.

- indexed selectively

Genetic engineering news
Genet. eng. news
NAL call no. - QH442.G456 ISSN 0270-6377
Larchmont, N.Y. : GEN Publishing, Inc.

- indexed selectively

Genetic resources and crop evolution
Genet. resour. crop evol.
NAL call no. - SB123.3.G46 ISSN 0925-9864
Dordrecht : Kluwer Academic Publishers.

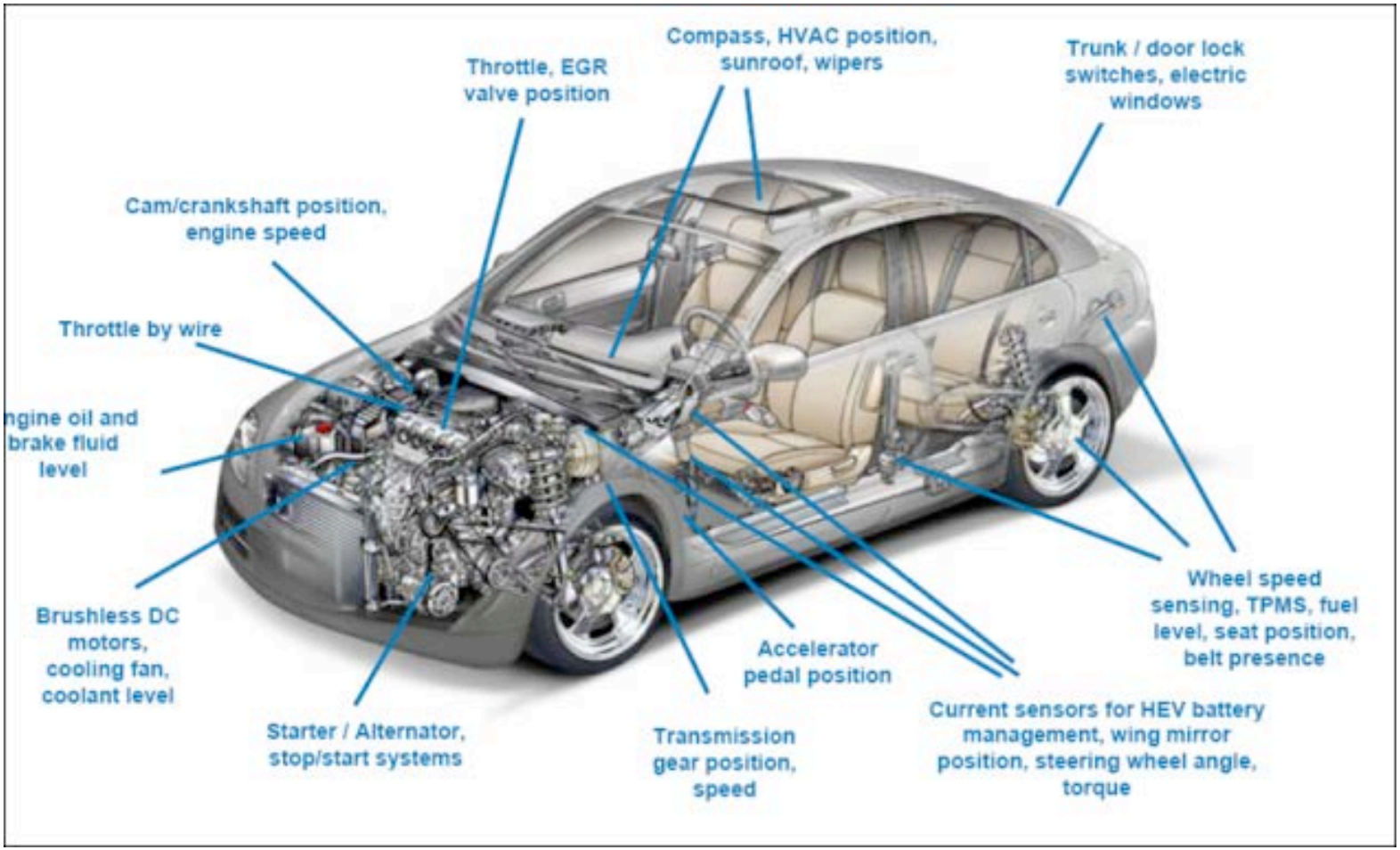
Big Data – Example from 1980s

Government officials
(police, military)

Middle class
(professionals, workers)

Peasants
(working on the land)

$7.99
$8.99
$7.99
$4.
1.99
2.99
3.59
3.59
5.99
$7.99
$4.59


Compass, HVAC position, sunroof, wipers
Throttle, EGR valve position
Trunk / door lock switches, electric windows
Cam/crankshaft position, engine speed
Throttle by wire
ngine oil and brake fluid level
Brushless DC motors, cooling fan, coolant level
Starter / Alternator, stop/start systems
Transmission gear position, speed
Accelerator pedal position
Current sensors for HEV battery management, wing mirror position, steering wheel angle, torque
Wheel speed sensing, TPMS, fuel level, seat position, belt presence

Geo-Emotions

New Activities

Libraries in Digital Era

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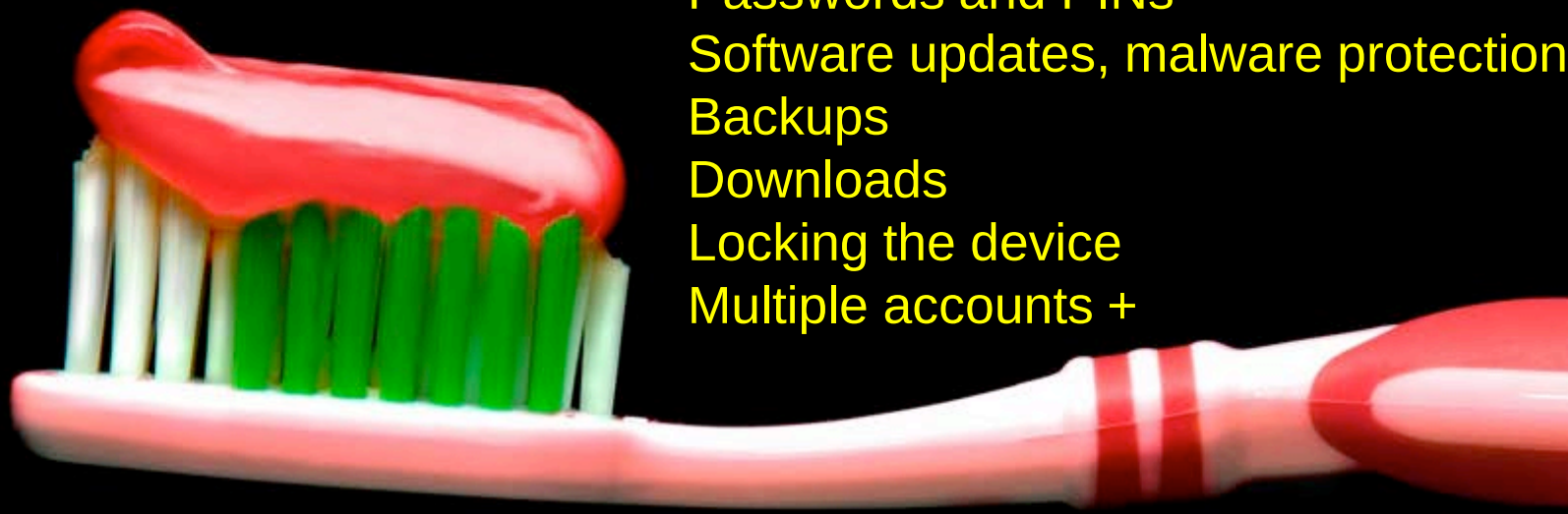
Promote digital hygiene

The basics

Passwords and PINs
Software updates, malware protection
Backups
Downloads
Locking the device
Multiple accounts +



Landmines

Disclosures and sharing
Phishing and scams
Attachments
Free unencrypted Wi-Fi

Advanced

Remote wipe
Geolocation
Bluetooth
Home Wi-Fi

What is ‘under the bonnet’?

How does the Internet function?

be000319 [RF] © www.visualphotos.com

SOCIAL MEDIA EXPLAINED
TWITTER
I'M EATING A #DONUT
FACEBOOK
I LIKE DONUTS
FOURSQURE
THIS IS WHERE I EAT DONUTS
INSTAGRAM
HERE'S A VINTAGE PHOTO OF MY DONUT
YOUTUBE
HERE I AM EATING A DONUT
LINKEDIN
MY SKILLS INCLUDE DONUT EATING
PINTEREST
HERE'S A DONUT RECIPE
LAST FM
NOW LISTENING TO "DONUTS"
G+
I'M A GOOGLE EMPLOYEE WHO EATS DONUTS.

Help People to Preserve Their Data and Privacy

REUTERS

Make People understand Internet Money Flow

INTERNET USER

DATA (personal preferences)

FREE SERVICE (search, e-mail, cloud)

GOODS AND SERVICES

MONEY

Google

ADVERTISING
USER / CUSTOMER PROFILE

INTERNET
INTERMEDIARIES

MONEY

VENDORS

CC DIPLO

Concept: Jovan Kurbalija Illustration: Vladimir Veljašević

Help People to Manage Time

Every **Last Tuesday** in the Month – Internet Governance Briefing

Local Hubs in Communities Worldwide

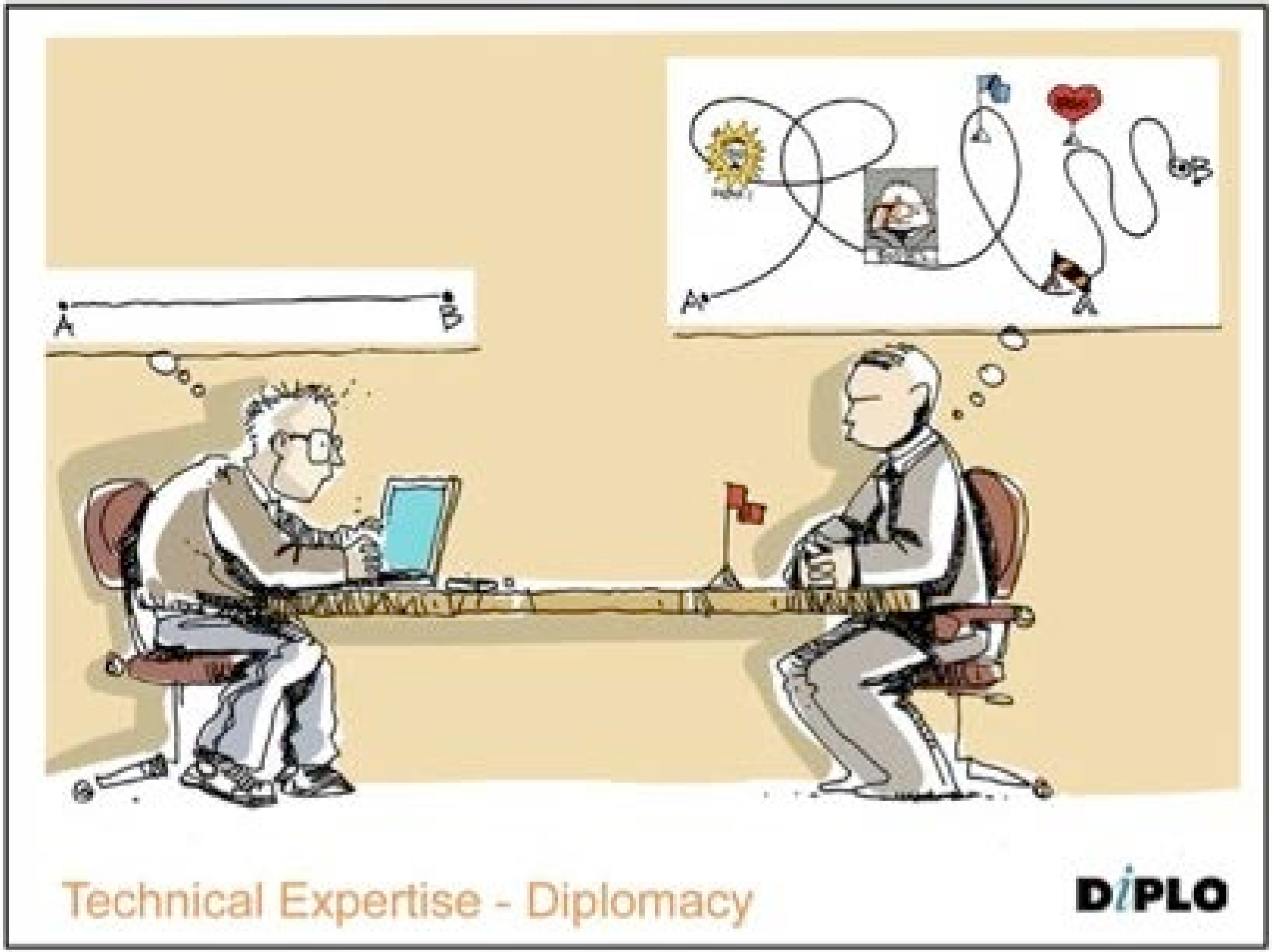
Local community hub in Burundi

Academic hub in Serbia

Government hub in Moldova

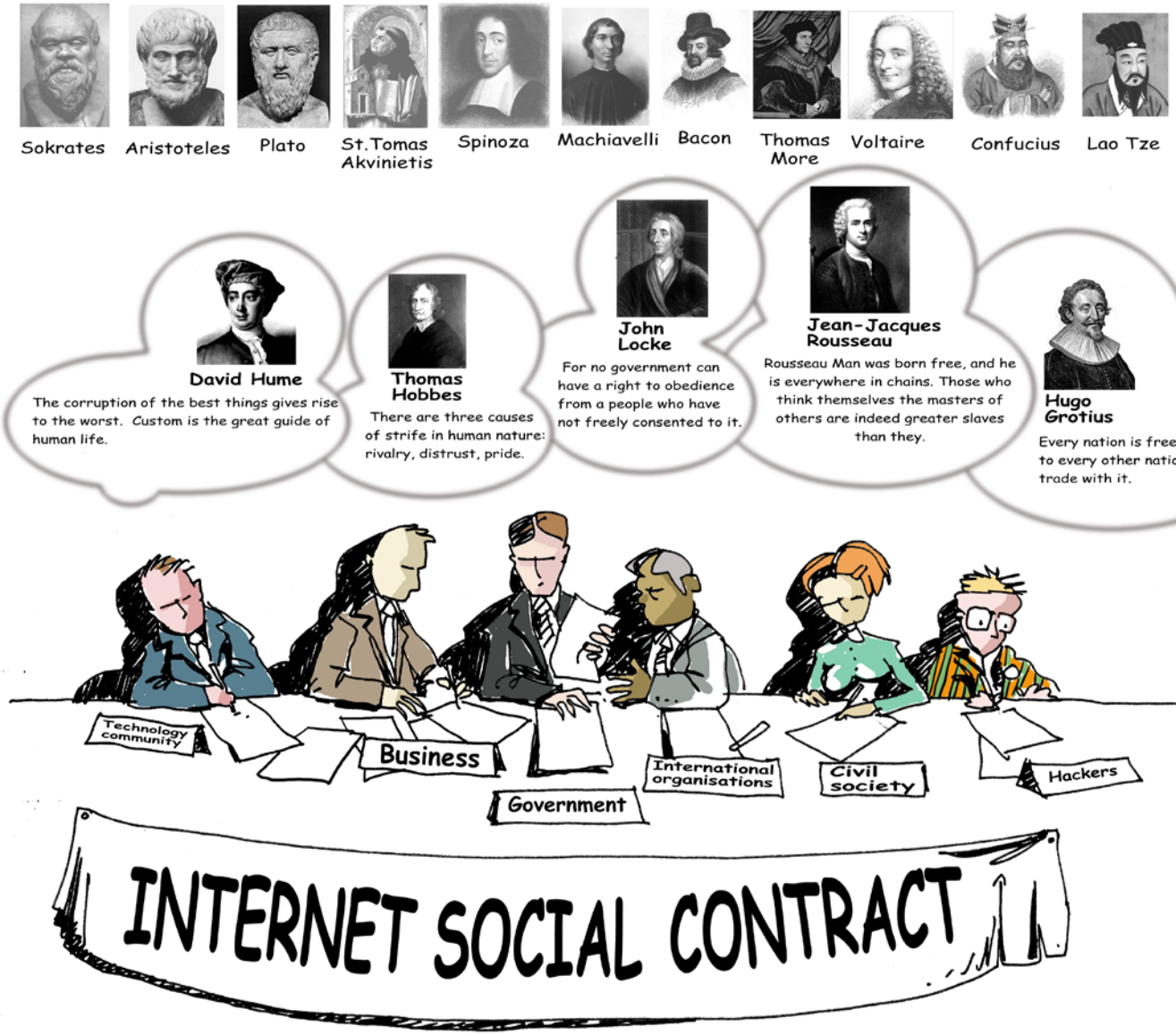
Youth hub in Brazil

Help Different Communities to Communicate



Help with Sustainable Development Goals

Café Philo – Discussions on Core Issues of Digital Era



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