

**LibreOffice**  
The Document Foundation

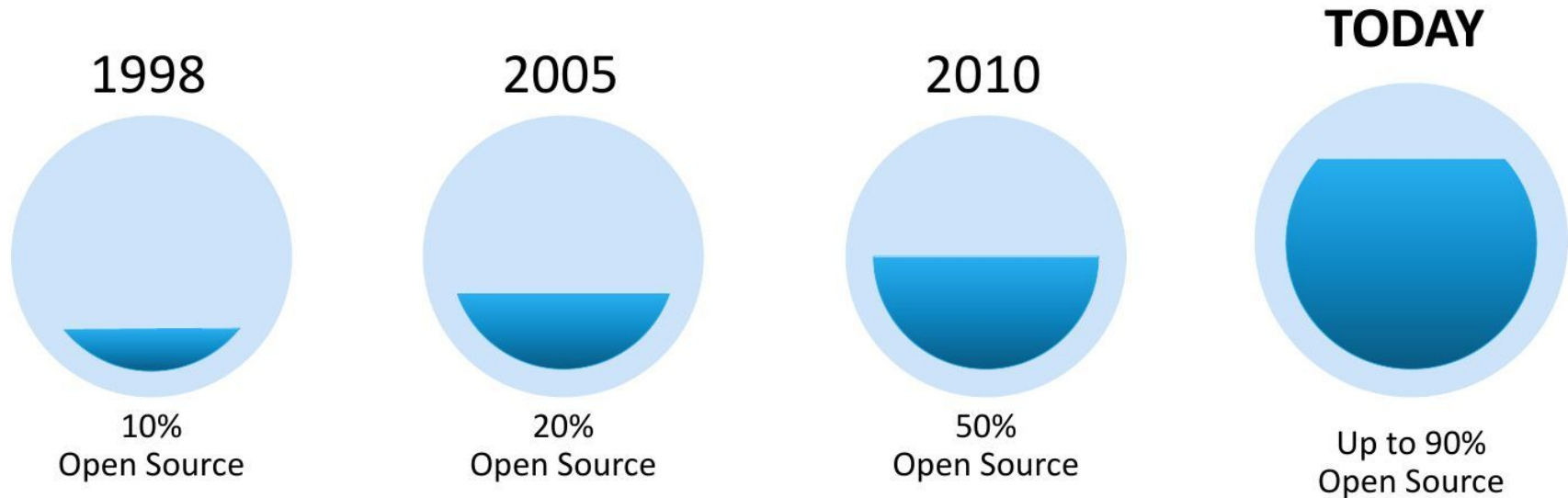
**The pandemic could help  
FOSS, but was a win for  
proprietary software**

**Italo Vignoli**



# Growth of FOSS Code

Today, most application code is open source



# Linux Market Share

Monthly 2020-01 to 2021-12 Run

AND OR + Add filter + Add group

Device Type in Desktop/laptop x Delete





Google	Apple	facebook	amazon	Microsoft
<b>FILTERS YOUR THOUGHTS</b>	<b>KNOWS WHERE YOUR MOM IS</b>	<b>CHOOSES WHAT YOU READ</b>	<b>KNOWS WHAT PRESENTS YOU ARE GETTING</b>	<b>FORMATS YOUR KIDS</b>
<small>Google filters your search results and YouTube recommendations to analyze your reactions and confine you to its filter bubble</small> <a href="http://laquadrature.net">laquadrature.net</a>	<small>If you have an iOS or Android smartphone, Apple and Google track, collect and analyze your location without telling you or giving you a choice</small> <a href="http://laquadrature.net">laquadrature.net</a>	<small>Facebook selects the contents of your newsfeed to analyze your reactions and confine you to its filter bubble</small> <a href="http://laquadrature.net">laquadrature.net</a>	<small>Analyzed on a sufficient scale, behaviours that might seem trivial can reveal a lot about your personality, your expectations and your peers</small> <a href="http://laquadrature.net">laquadrature.net</a>	<small>Microsoft is buying its way into schools and universities by striking deals to train teachers and students</small> <a href="http://laquadrature.net">laquadrature.net</a>





## Top 5 Publicly Traded Companies (by Market Cap)



Tech

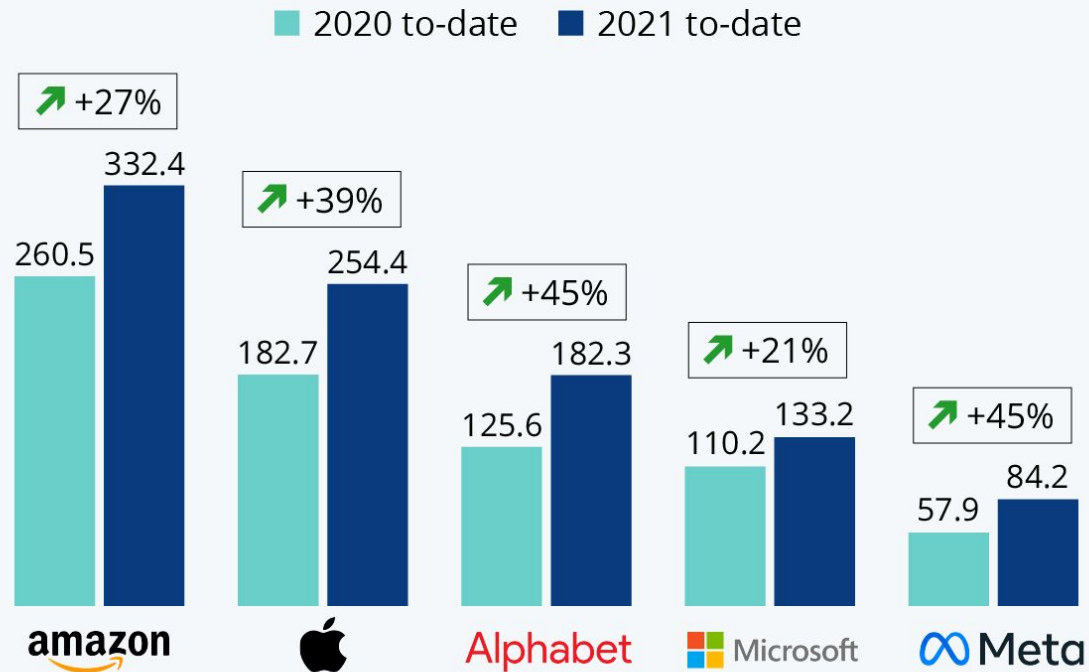


Other



# Big Tech Keeps Getting Bigger

GAFAM revenue in the first nine months of 2021 vs. 2020 (in billion U.S. dollars)

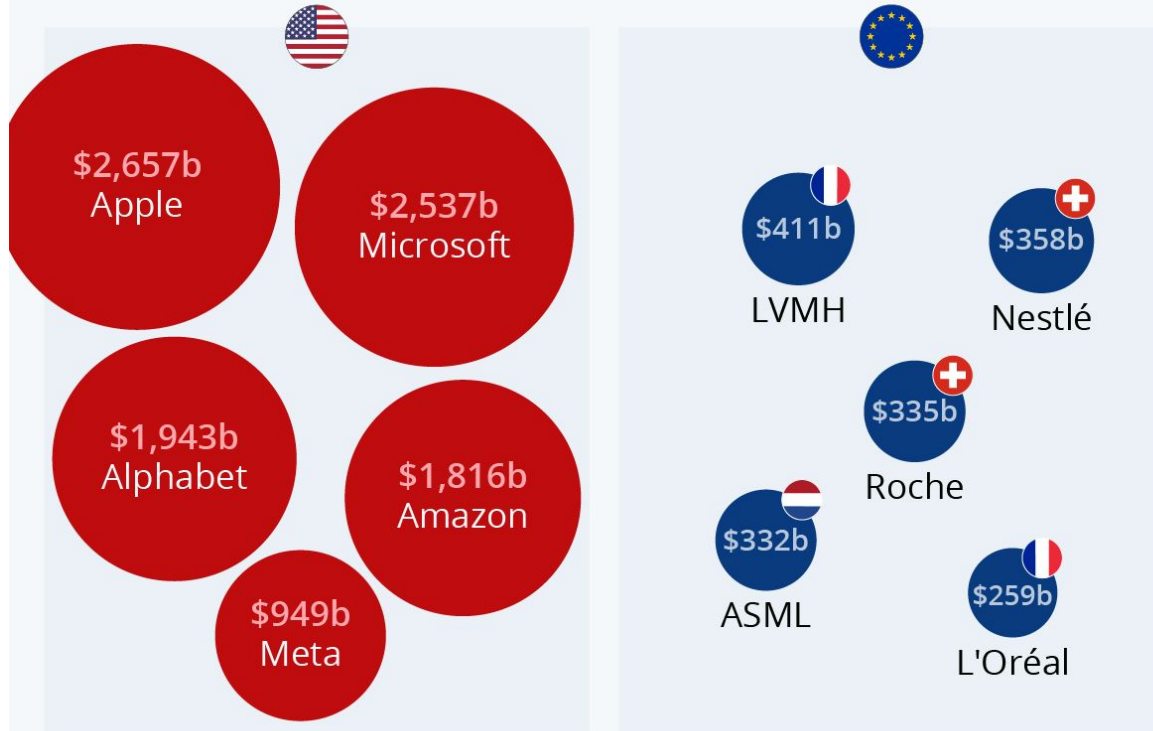


Source: Company filings



# Overseas Dominance

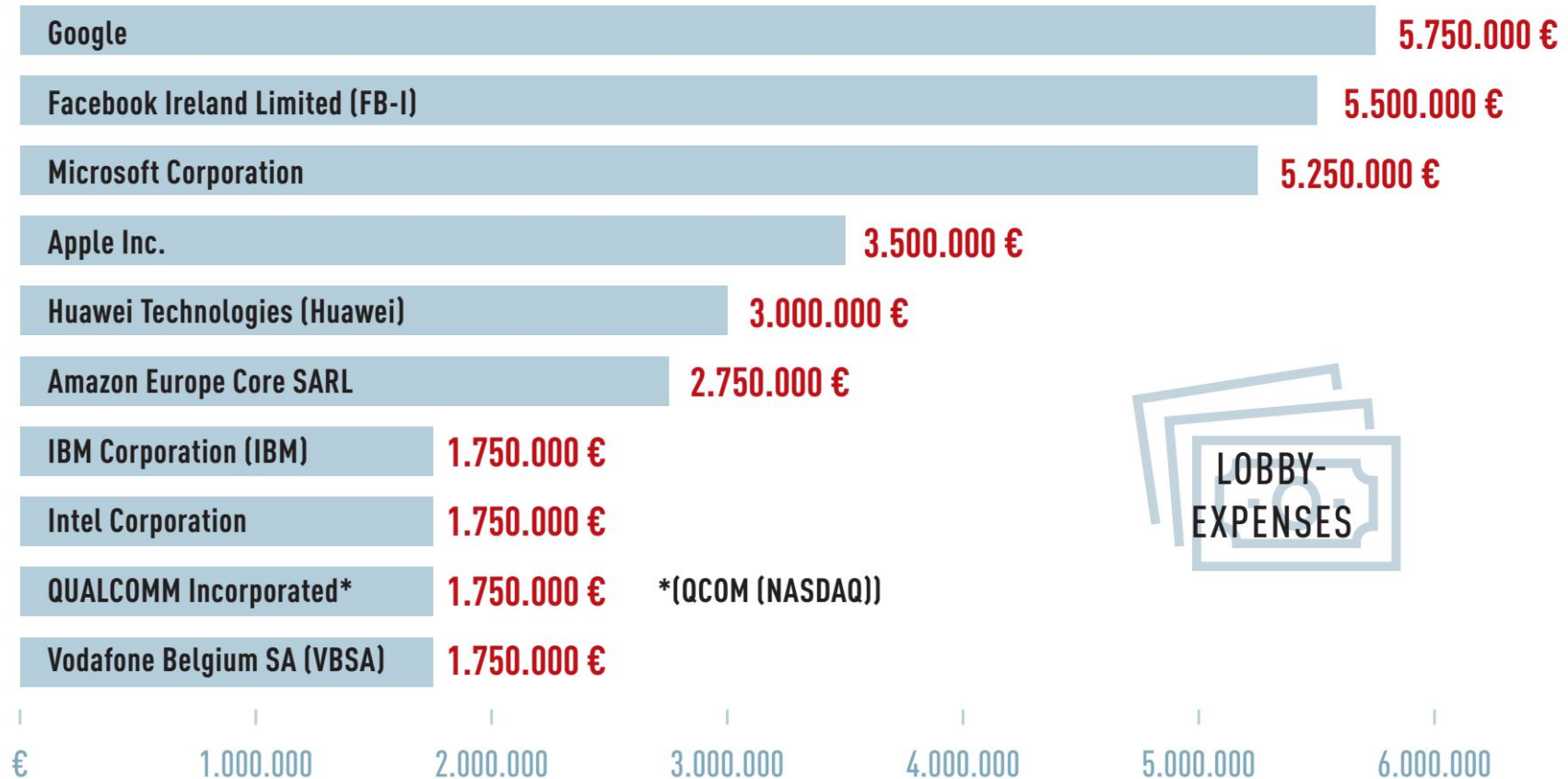
Market cap of U.S. tech giants compared to the most valuable European companies (as of Nov. 25, 2021)



Source: Yahoo! Finance



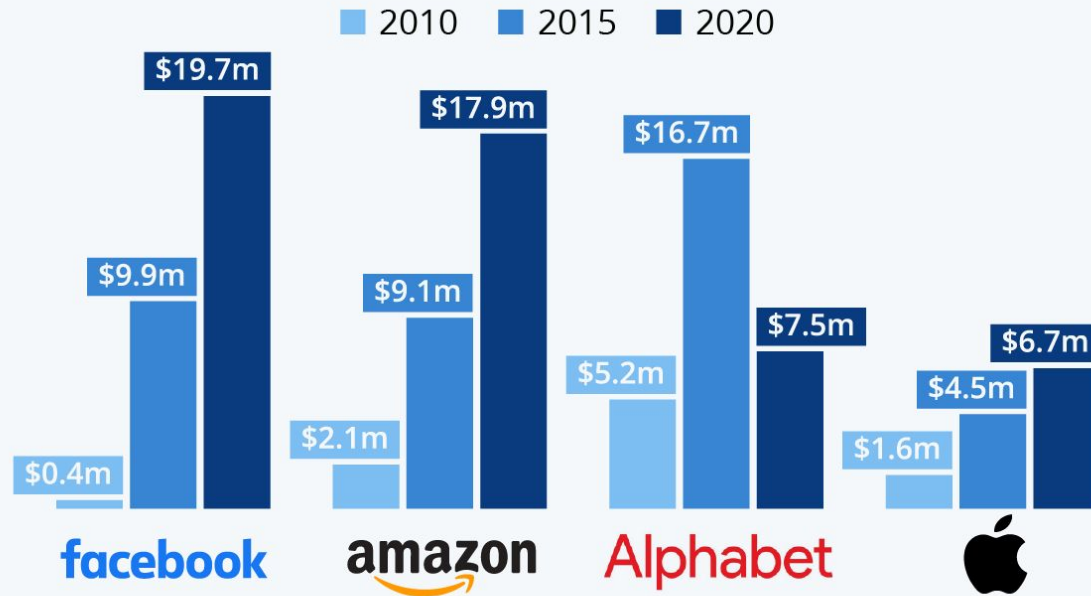
## TOP 10 LOBBY SPENDERS OF THE DIGITAL INDUSTRY<sup>17</sup>





# Tech Giants Ramp Up Lobbying In Face of Antitrust Scrutiny

Annual lobbying expenditure of selected tech companies in the U.S.



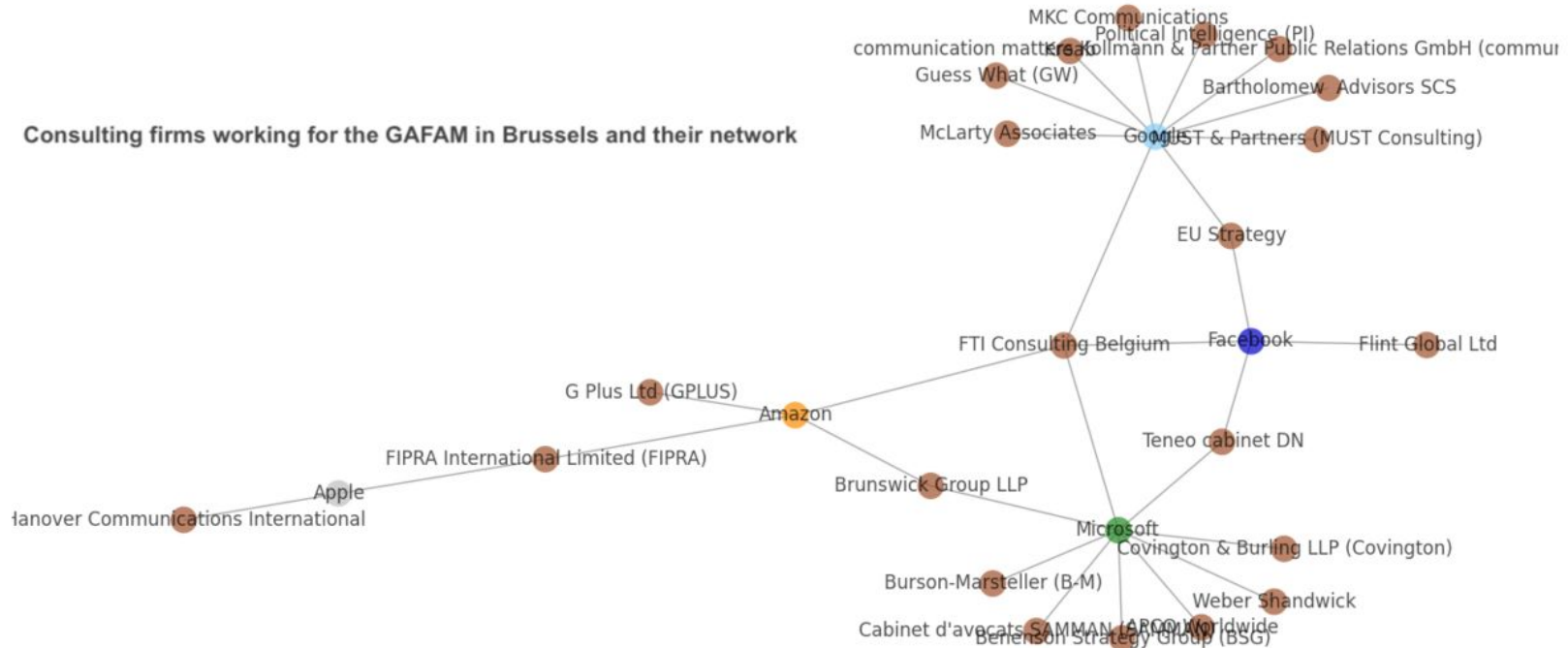
\* excl. some subsidiaries

Source: Senate Office of Public Records

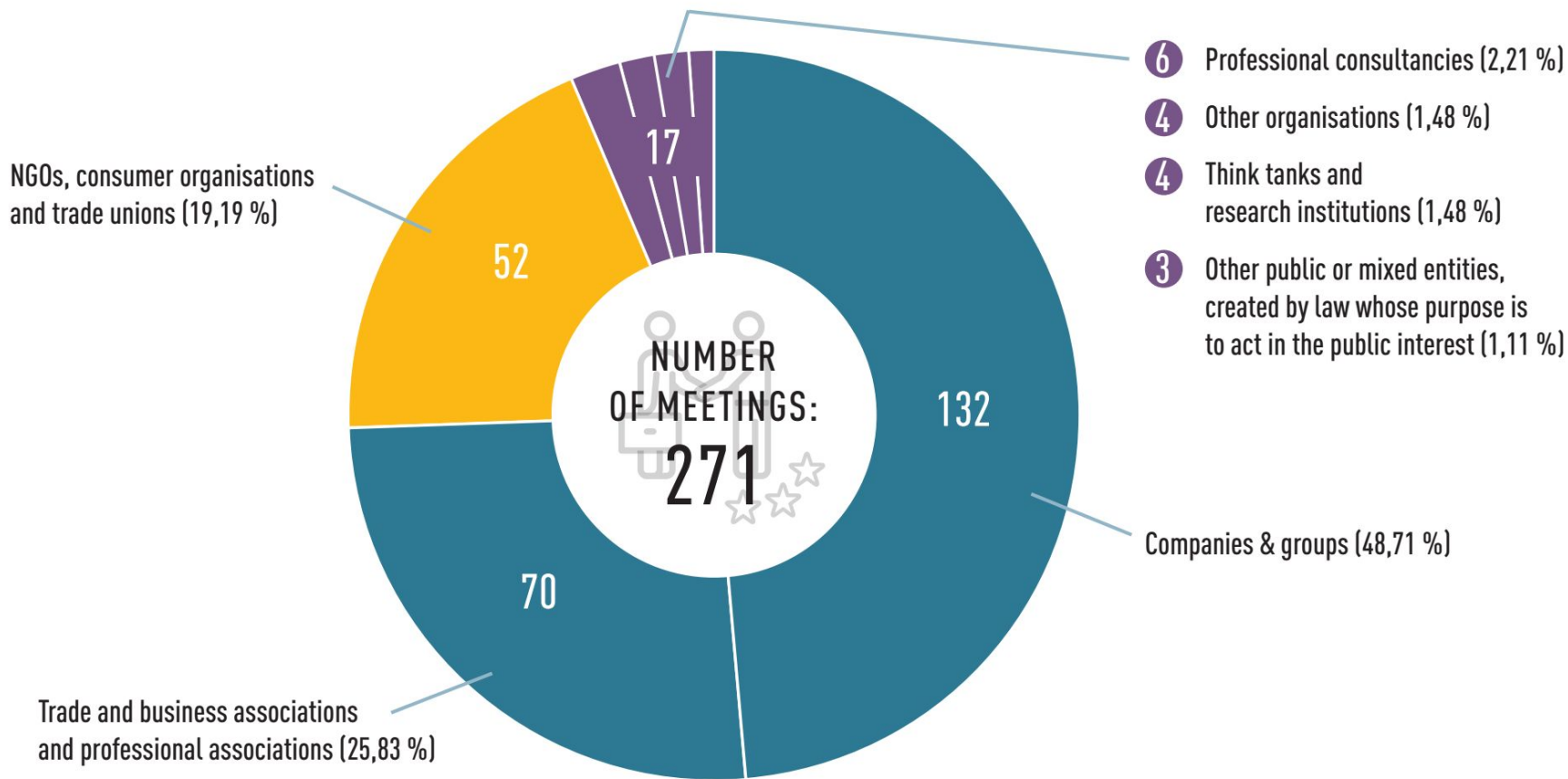


# Network of Lobbyists

Consulting firms working for the GAFAM in Brussels and their network



## MEETINGS WITH THE EU-COMMISSION ON THE DSA/DMA



# Impact of Lobby Budgets

- These huge lobbying budgets have a significant impact on EU policy-makers, who find digital lobbyists knocking on their door on a regular basis (more than 140 lobbyists work for the largest ten digital firms in Brussels and spend more than € 32 million on making their voice heard)
- Big Tech companies don't just lobby on their own behalf, but they also employ an extensive network of lobby groups, consultancies, and law firms representing their interests, not to mention a large number of think tanks and other groups financed by them



# Consequences of Lobbying

Academic and Big Tech critic Shoshana Zuboff affirms that lobbying – alongside establishing relationships with elected politicians, and a campaign for cultural and academic influence – has acted as the fortification that has allowed a business model built on violating people's privacy and unfairly dominating the market, to flourish without being challenged



# Subservience to Microsoft

**Is that true? Is that real? Unbelievable, Microsoft rules**

## Human Genes Renamed To Please Excel

Written by Janet Swift

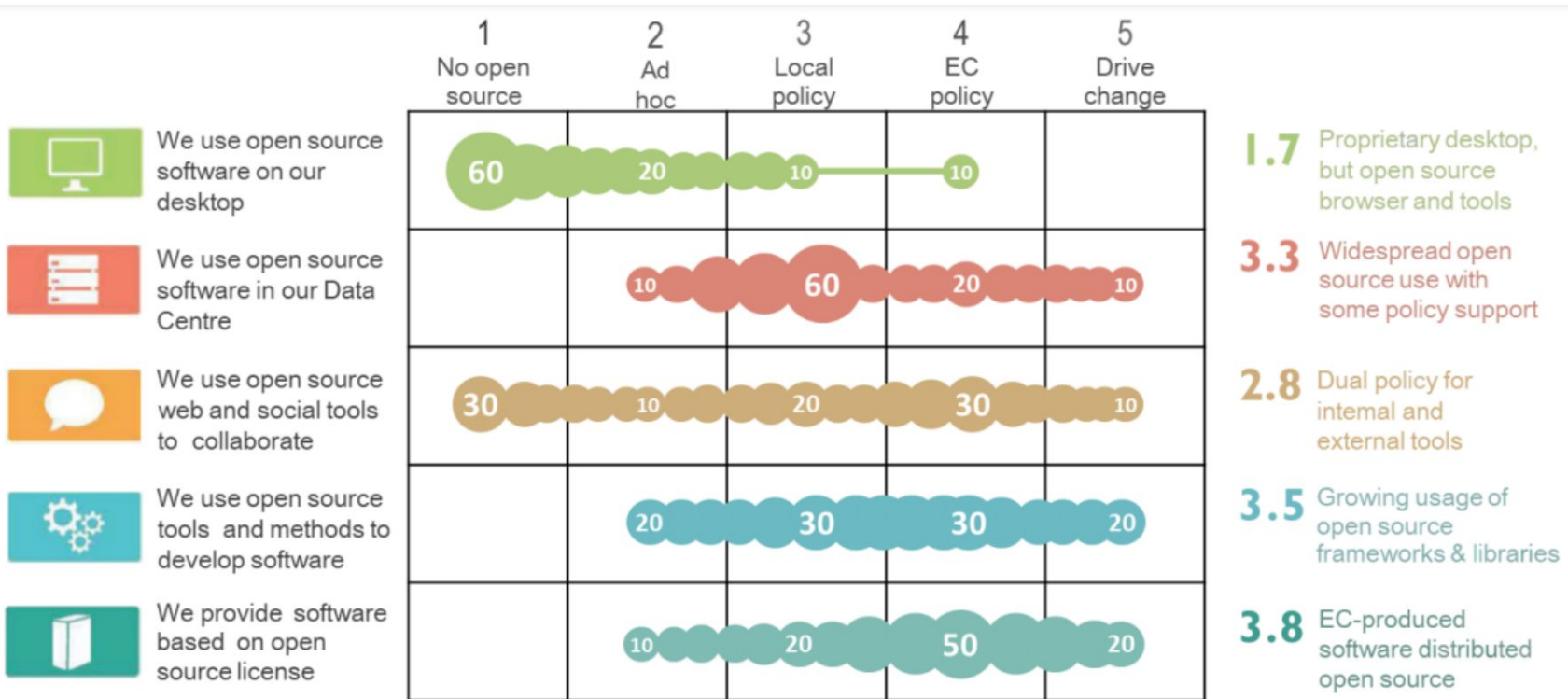
Friday, 07 August 2020

More than two dozen human genes have been renamed so that they can be typed into a spreadsheet without being formatted as dates.

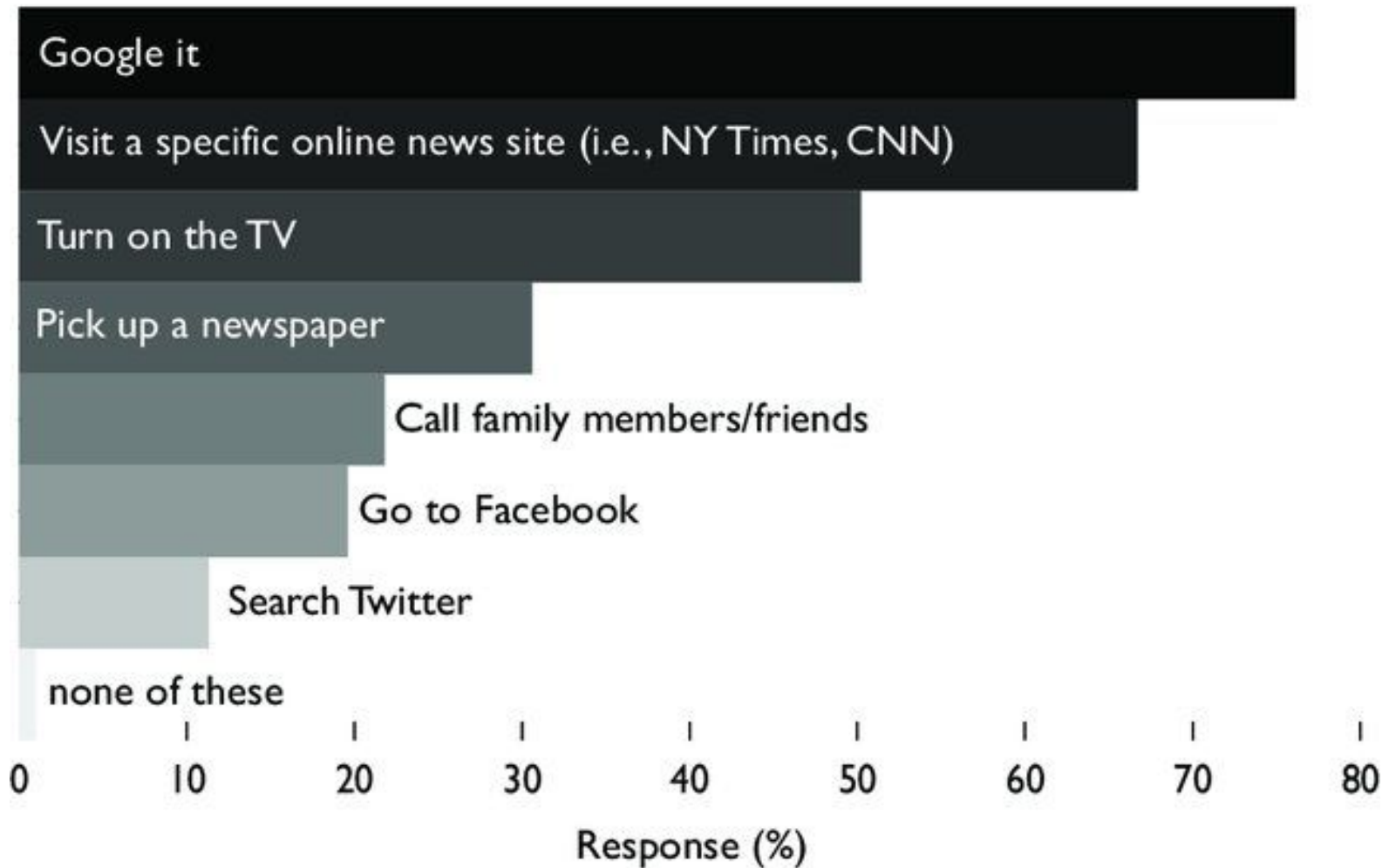
New guidelines for standardized gene naming explicitly allow for renaming genes to avoid problems with data handling.



# EC OSS Adoption Maturity Index

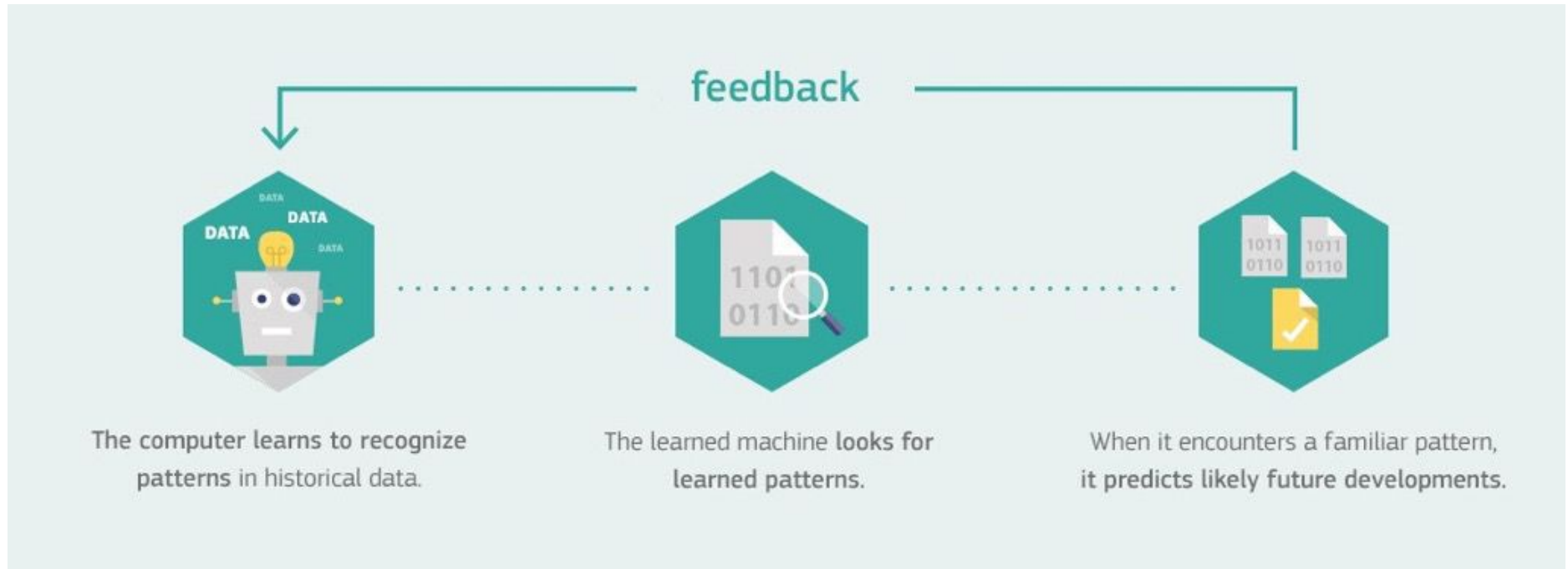


When looking for news do you (select all that apply):



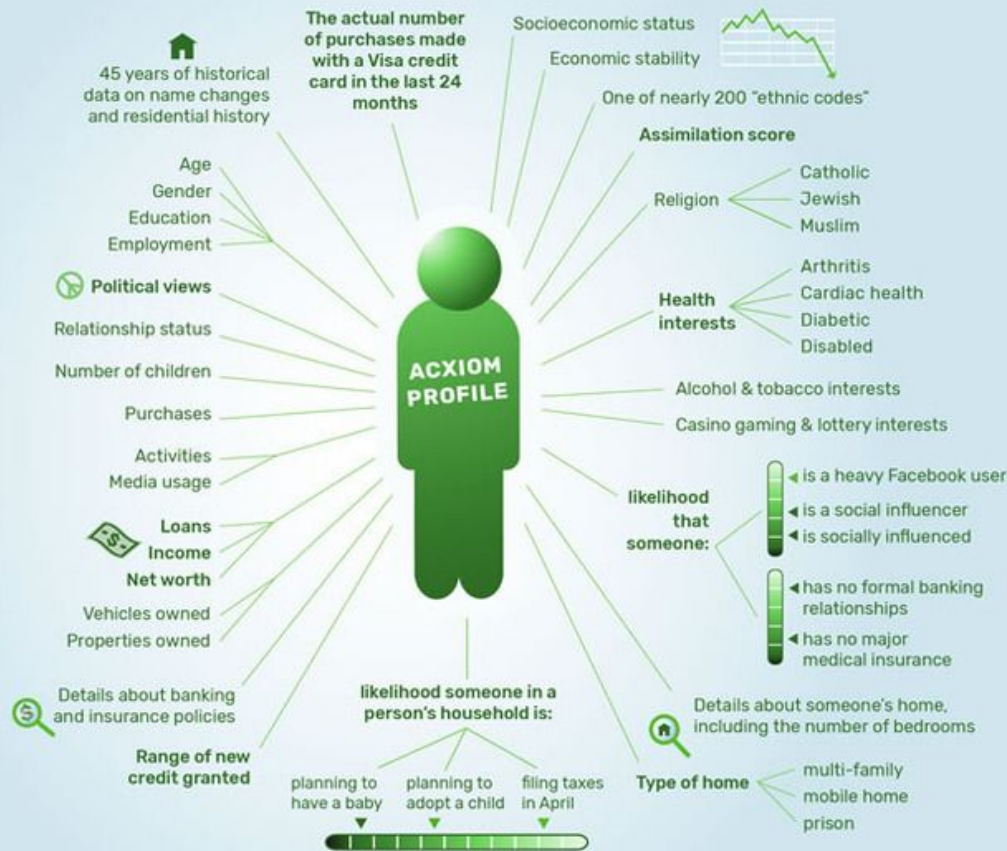


# The Cycle

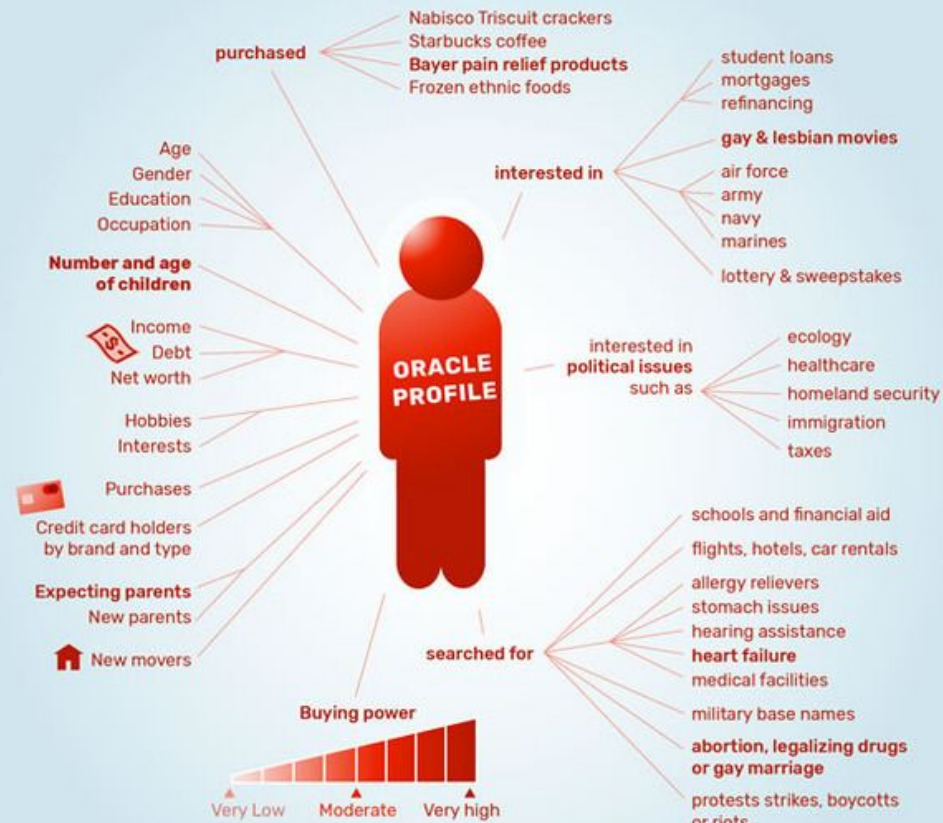


# DATA BROKERS HAVE EXTENSIVE PROFILE INFORMATION ON ENTIRE POPULATIONS

## Examples of data on consumers provided by Acxiom and Oracle



**Acxiom provides of up 3,000 attributes and scores on 700 million people in the US, Europe, and other regions.**



**Oracle sorts people into thousands of categories and provides > 30,000 attributes on 2 billion consumer profiles**

# What Would Change with FOSS

- By switching to FOSS for desktop productivity and cloud storage, European governments would regain control of citizen's personal data and manage them according to their confidentiality
- In addition, switching to FOSS would include moving from proprietary to standard document formats, with a significant advantage in term of interoperability



# Proprietary versus FOSS

- Proprietary software protects the user by obfuscating algorithms and information, but in this way they also obfuscate the way they handle end user data
- FOSS protects the user with transparency, by sharing source code and all information about methodologies used by projects to manage end user data



# Apparently a No Brainer, but...

- Politicians – who are not technology experts – see GAFAMs as part of the global system, and therefore consider their issues as blockers for the entire digital transformation process (and try to help them)
- On the contrary, politicians – because of their limited understanding of technology – do not see FLOSS as part of the global system, and as a consequence do ignore FLOSS as a potential solution

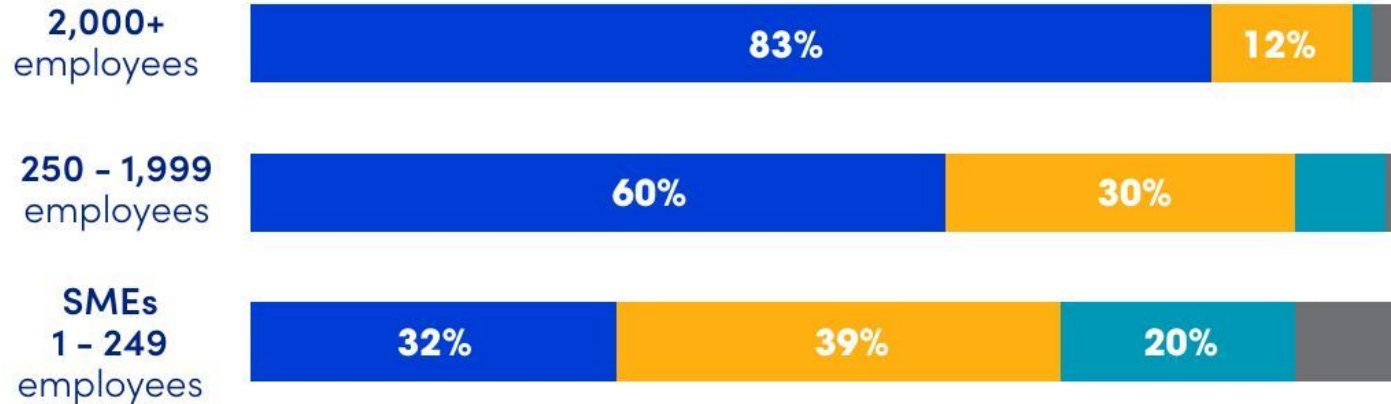


# Situation with Proprietary SW

- A large percentage of governments in Europe - at every level – rely on proprietary software for desktop productivity and cloud storage of data, independently from the level of confidentiality
- This puts citizen's personal data, including several extremely confidential information (health) at risk
- This is confirmed by the recent Schrems II sentence from the Court of Justice of the European Union



# Awareness of SCC\* (Schrems II)



- Aware SCC users
- Unaware SCC users
- Not transferring personal data outside of the EU
- Use other transfer mechanisms

Source: DIGITALEUROPE | Base: All respondents (n = 292)<sup>9</sup>

\* **SCC** = Standard Contractual Clauses (for data protection) when transferring data to the US





# Reliance on SCC\* (Schrems II)



Source: DIGITALEUROPE | Base: estimated SCC users (n = 249)

\* **SCC** = Standard Contractual Clauses (for data protection) when transferring data to the US





# Cost of Reassessing SCC\*



Source: DIGITALEUROPE | Base: respondents that reassessed their use of SCCs (n = 129)

\* SCC = Standard Contractual Clauses

# FSFE Project



Public Money

Public Code

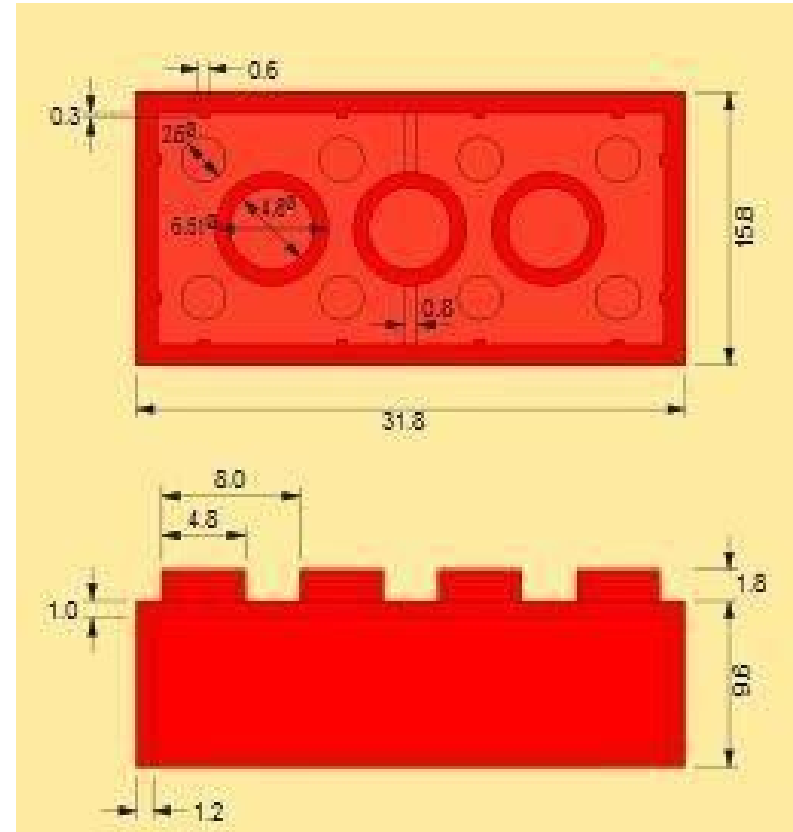
[publiccode.eu](http://publiccode.eu)



# Standard and Interoperability

Interoperability is the ability of information and communication technology (ICT) systems, as well as of the business processes they support, to exchange data and enable the sharing of information and knowledge.


***European Interoperability Framework, IDABC***



# Lock In

**WE CANNOT  
READ YOUR  
DOCUMENTS**

**DOCUMENTFREEDOM.ORG**



**Microsoft**

PSF

## How to Lock-in Your Clients

How Professional Services Firms Can Create Compelling Value for Clients Using Collaborative Technologies

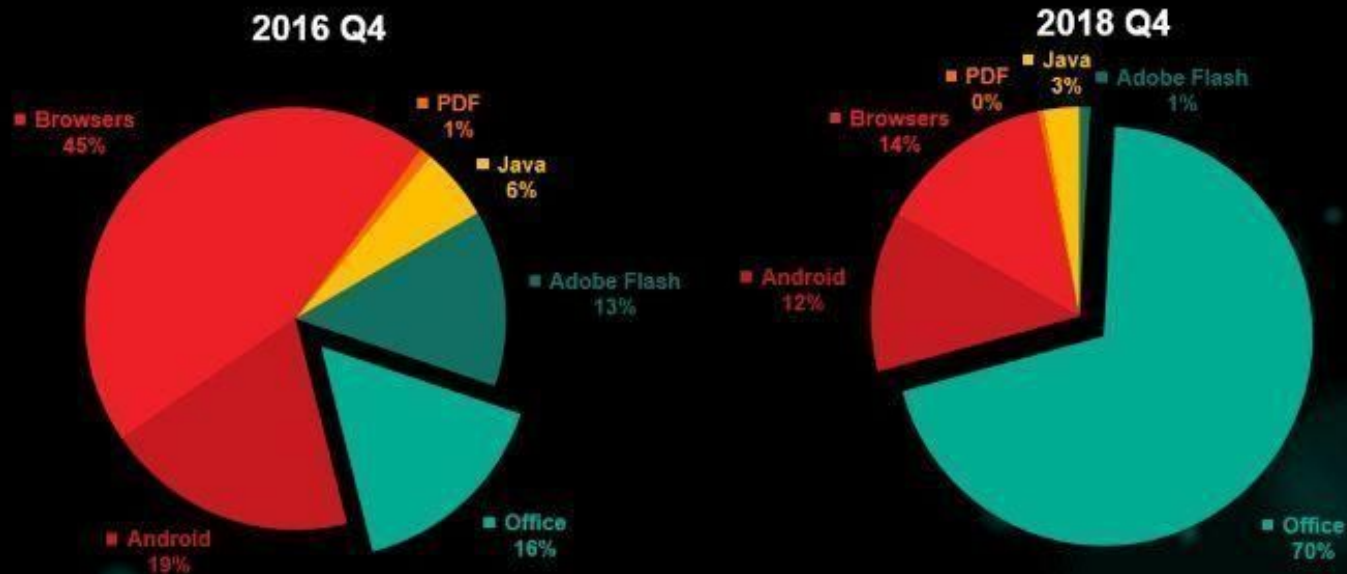
Ross Dawson  
CEO, Advanced Human Technologies  
Author, *Living Networks* and *Developing Knowledge-Based Client Relationships*

January 2004

» A STRATEGIC WHITE PAPER FROM MICROSOFT BUSINESS SOLUTIONS

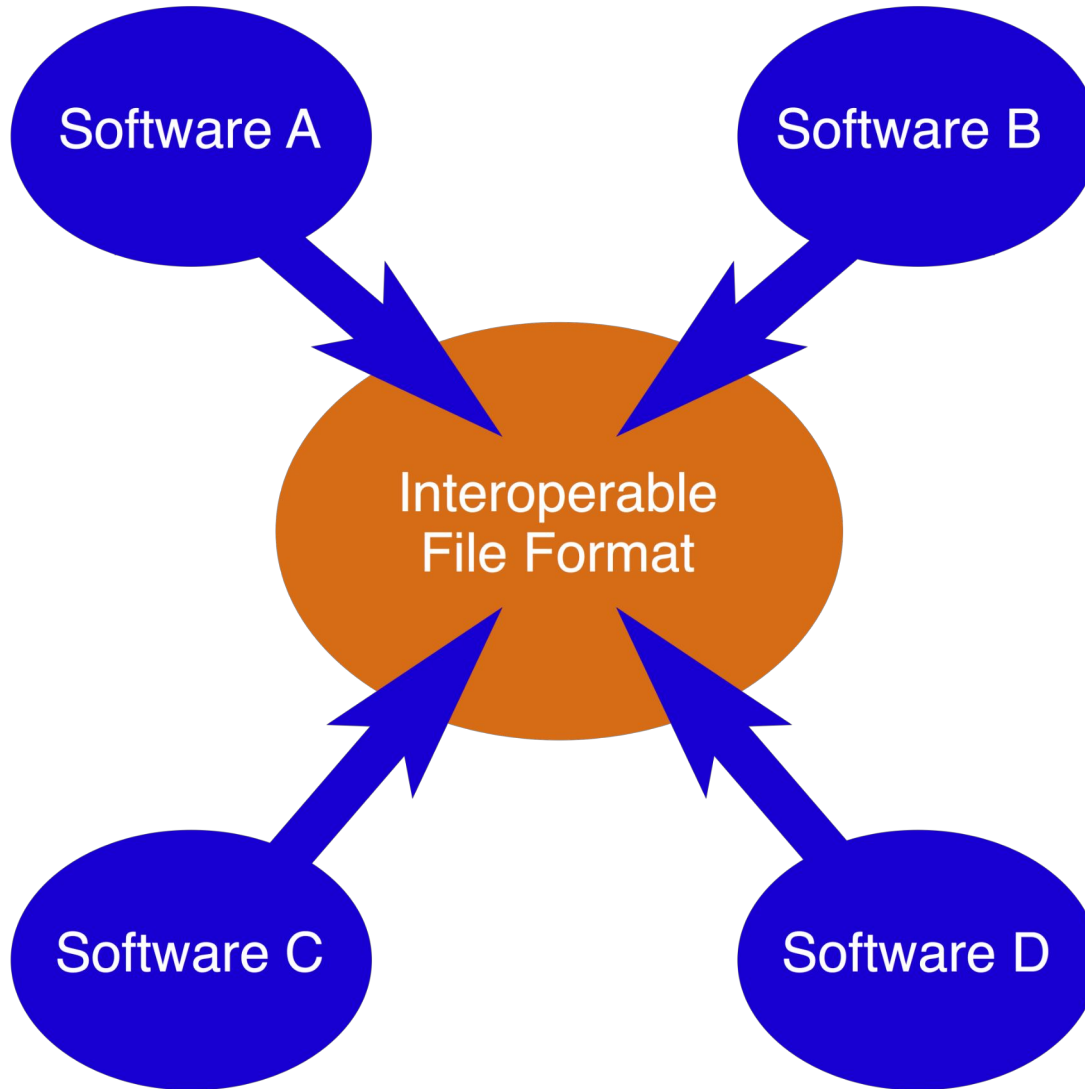
# Document Vulnerabilities in 2018

Targeted platforms by attacked users



Source: Kaspersky Labs, 2019









# Surveillance Capitalism

**THE AGE OF  
SURVEILLANCE  
CAPITALISM**

—  
THE FIGHT FOR A  
HUMAN FUTURE  
AT THE NEW  
FRONTIER OF POWER

—  
**SHOSHANA  
ZUBOFF**





**What is at stake here  
is the human expectation of sovereignty  
over one's own life and authorship  
of one's own experience**

Shoshana Zuboff, *The Age of Surveillance Capitalism*



# Thanks

Italo Vignoli  
The Document Foundation  
[italo@libreoffice.org](mailto:italo@libreoffice.org)  
[italo@vignoli.org](mailto:italo@vignoli.org)

