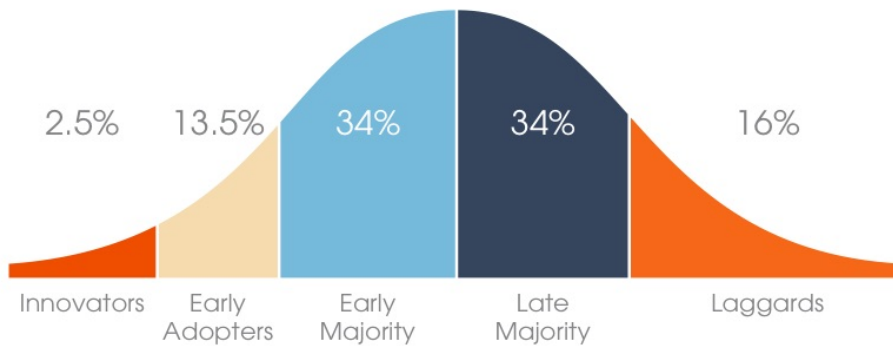
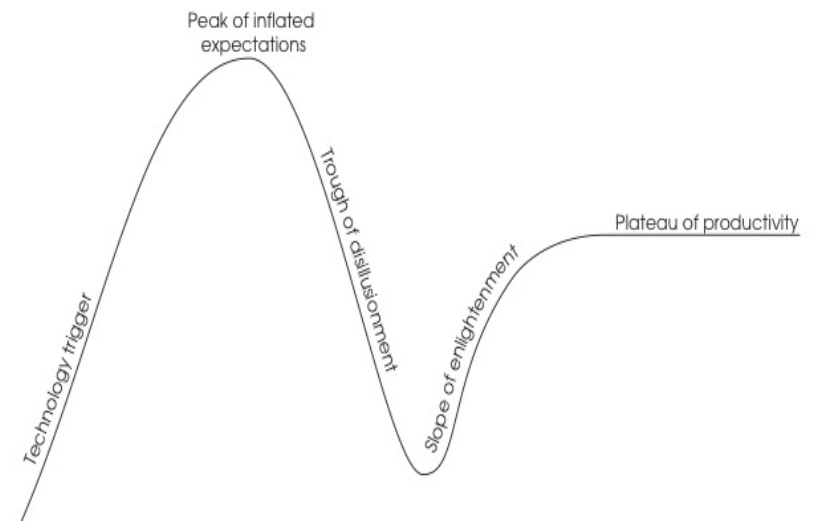


It is a bit freaky with this
wireless technology





Roger's diffusion of innovation bell curve

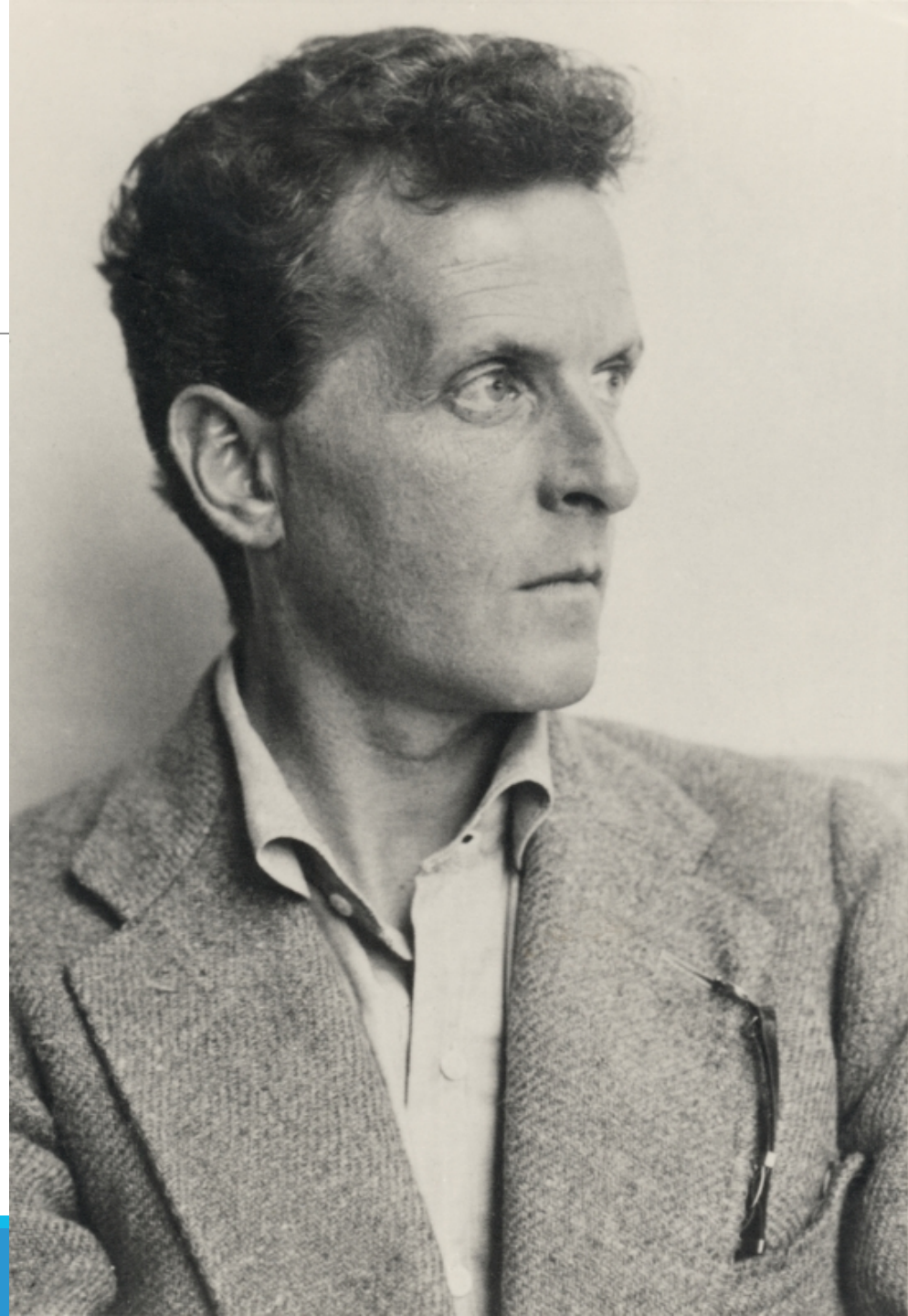


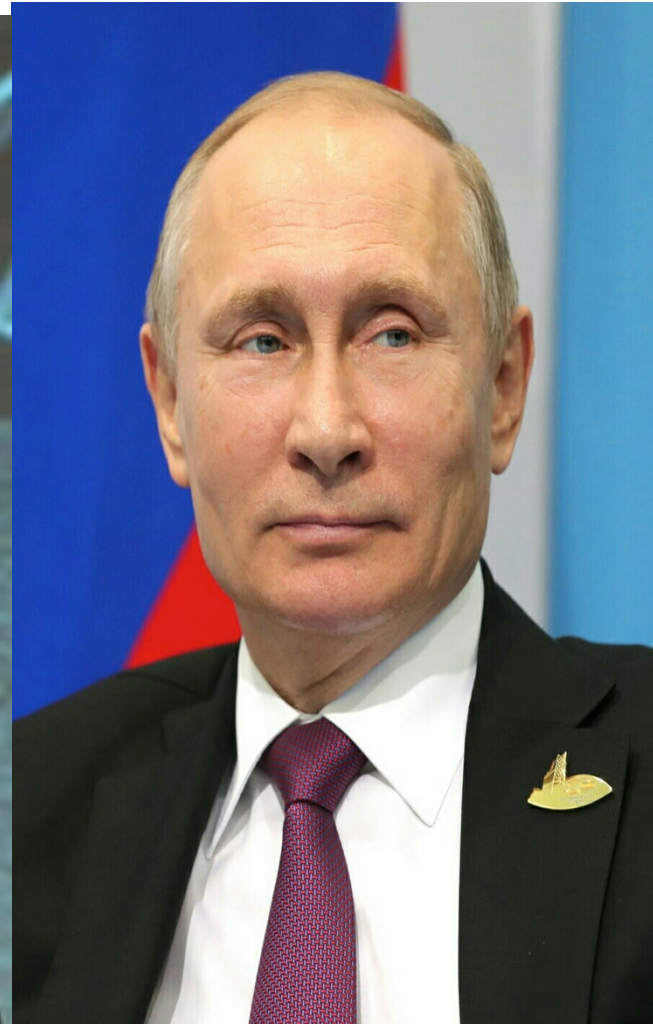
Gartner's hype cycle

Ludwig
Wittgenstein

Correlation and Causation

Preparations for big data and
artificial intelligence era





2017 *This Is What Happens In An Internet Minute*



Created By:
@LoriLewis
@OfficiallyChadd

DIPLO

Data becomes
the oil of the
digital era.



Data Diplomacy:

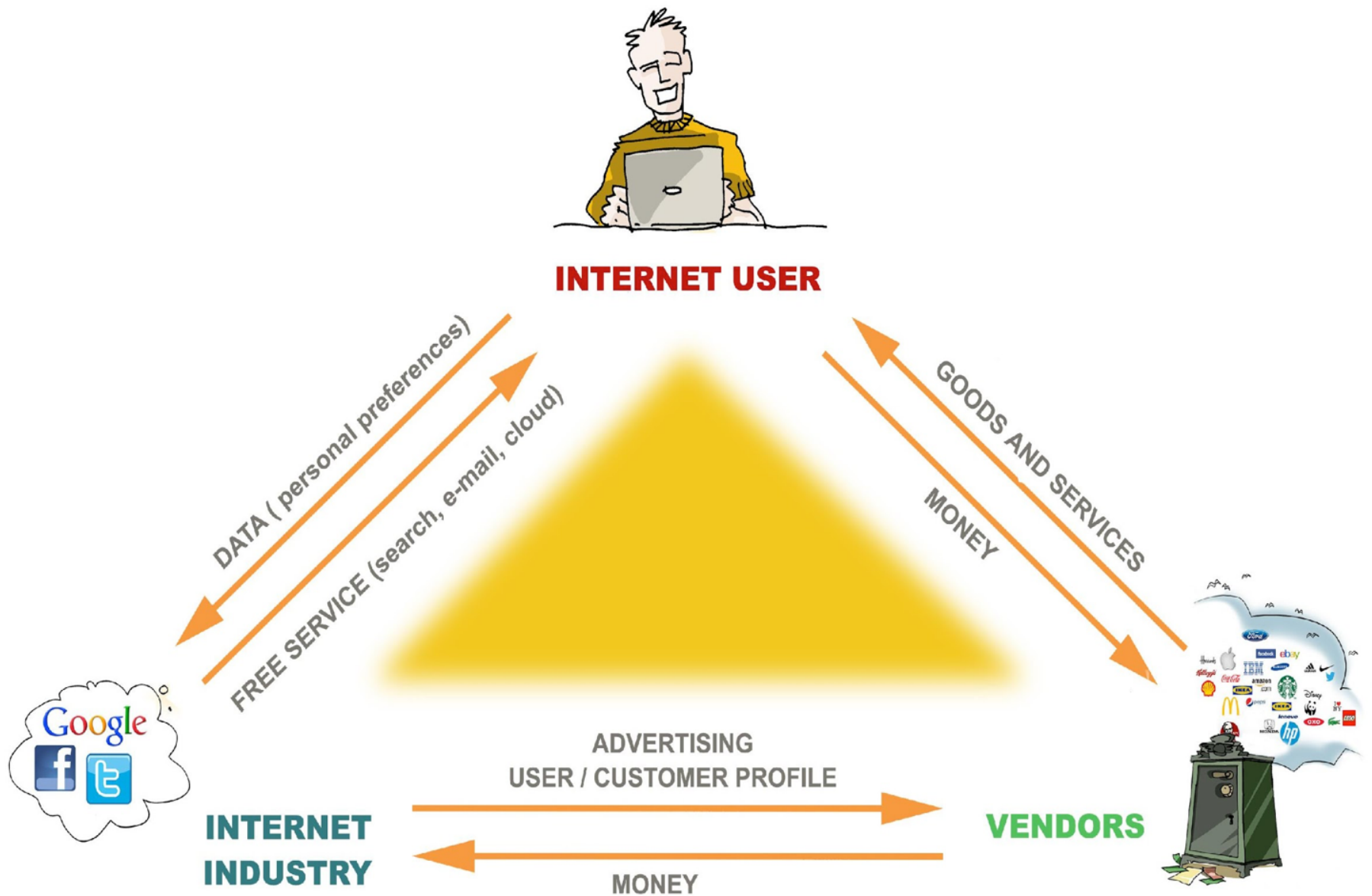
Updating diplomacy to the big data era

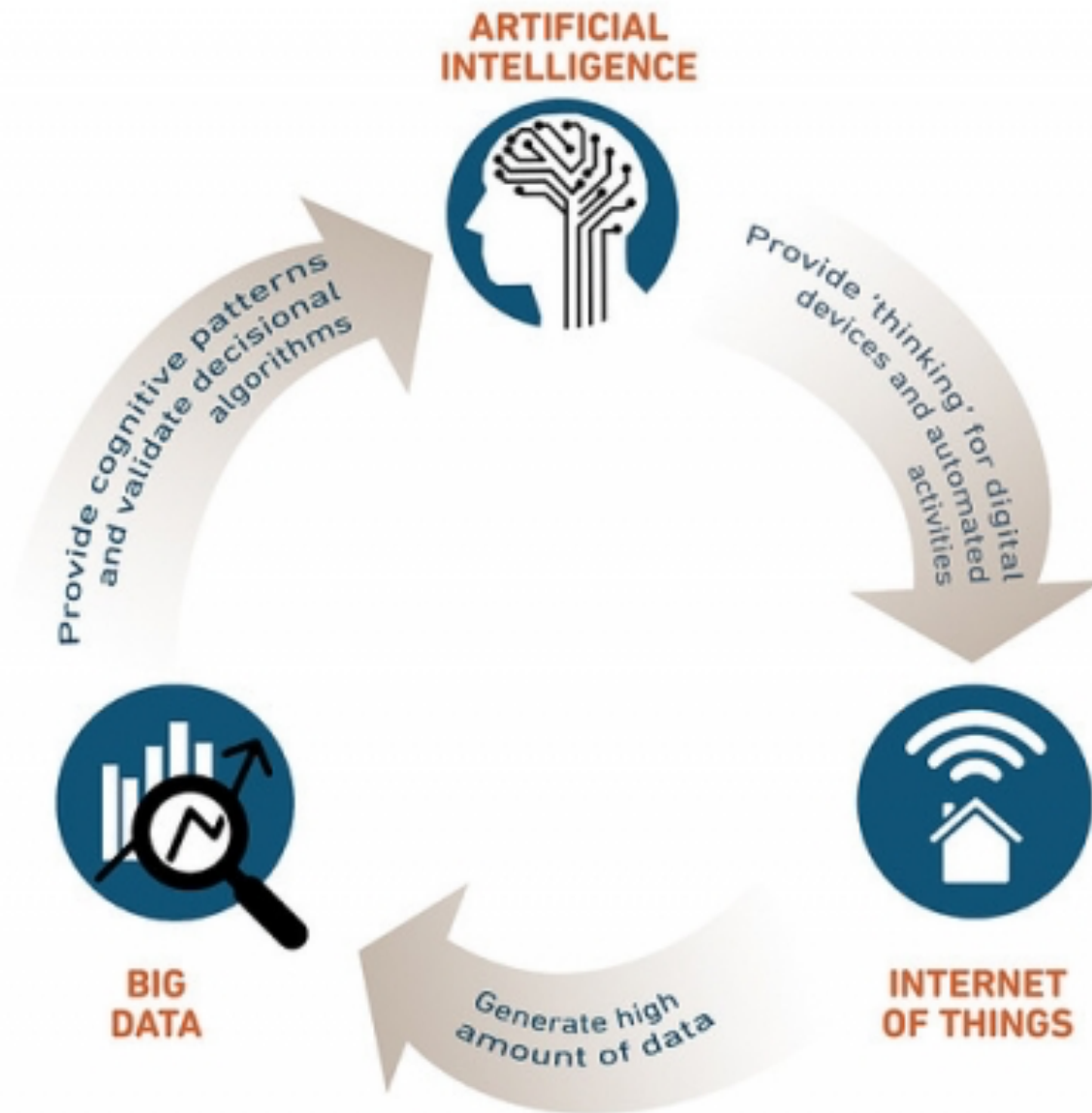
Jovan Kurbalija, Barbara Rosen Jacobson and Katharina E Höne

February 2017

dIPLO







DIPLO

IBM - Watson

Apple - SIRI

Microsoft - Cortana

Google - Now

UNITED NATIONS  NATIONS UNIES





Flag melange that	Via 'data-mining'	resulted in identifying 'family flags'

Digital geo-emotions: perception, values, attitudes, democracy



Mapping the World's Friendships

Learn which countries share the closest friendship connections on Facebook.

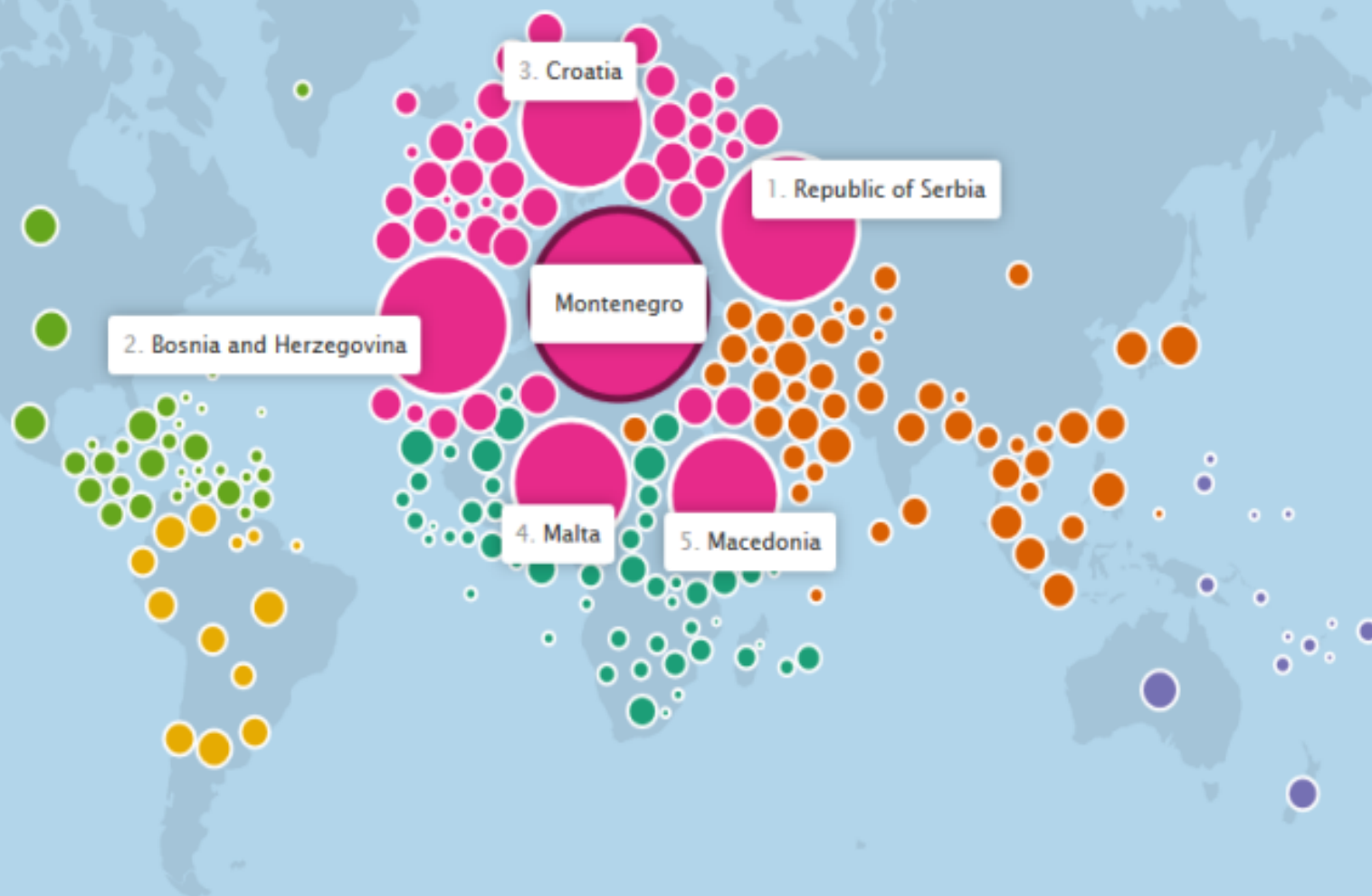
[Methodology](#)

Show

Continent

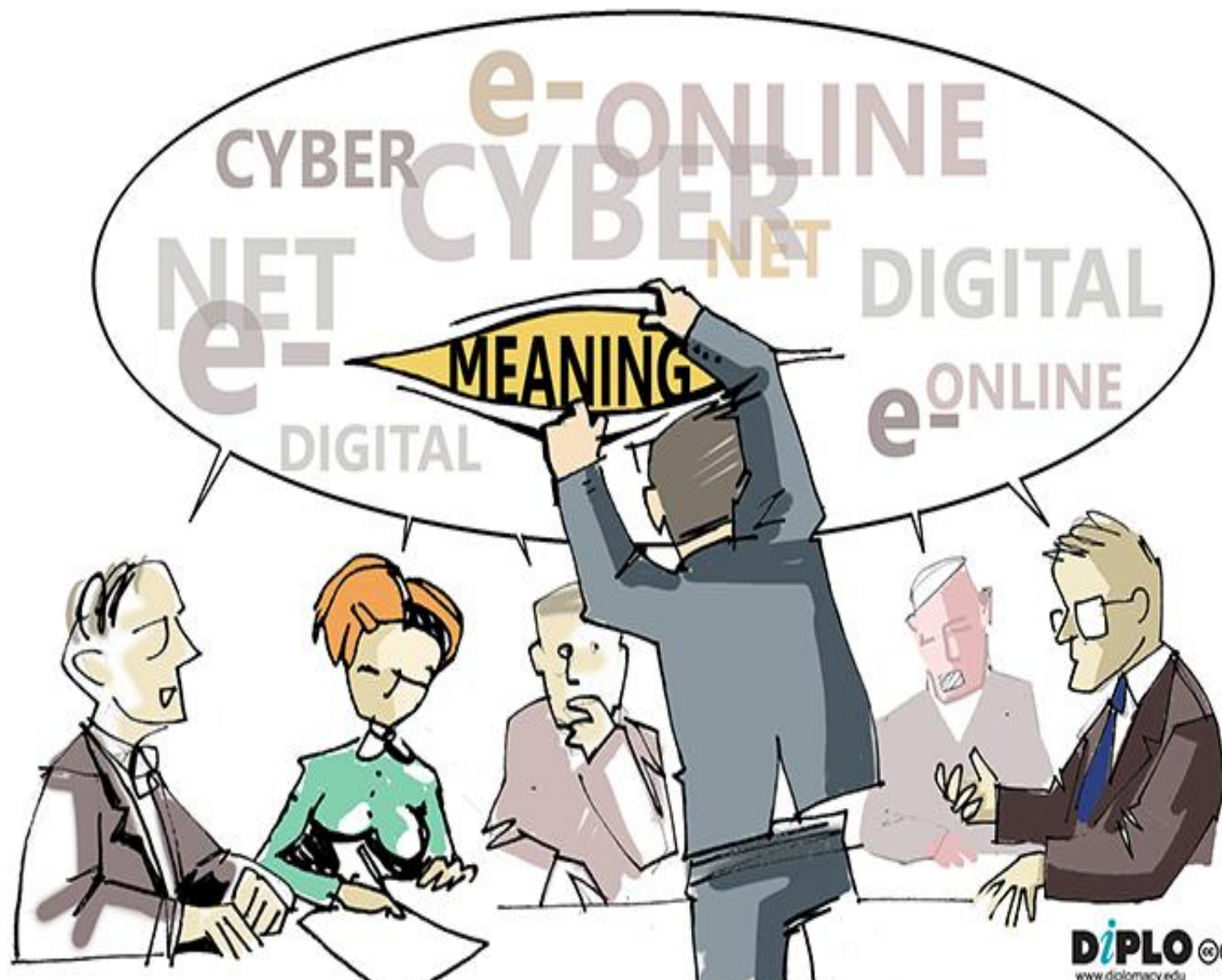


Search



A Closer Look: Montenegro & Serbia

After World War I, Montenegro became part of Yugoslavia. When Yugoslavia dissolved in 1992, Montenegro was part of a union with Serbia until it voted for independence in a referendum in 2006.



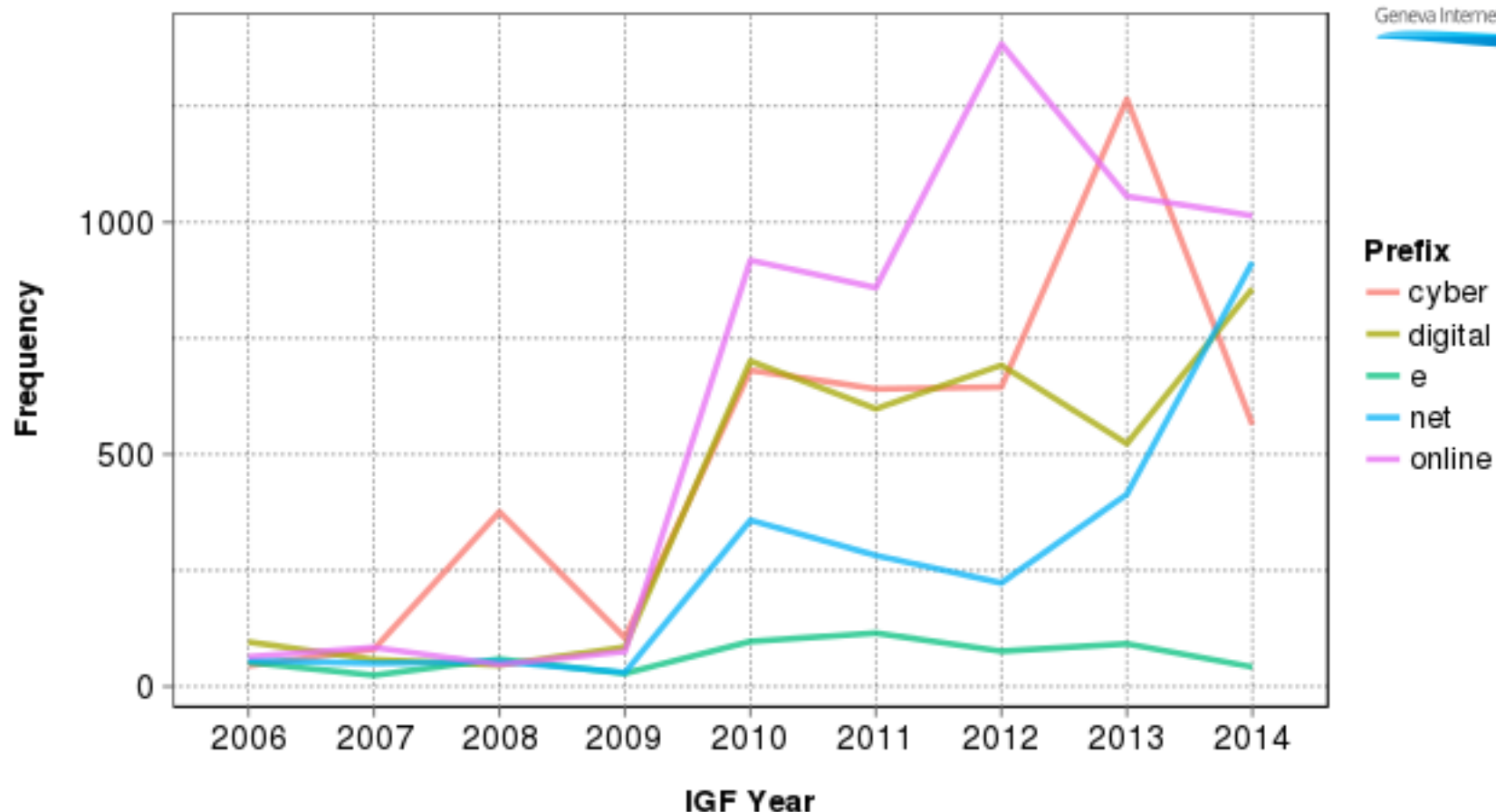
Data-mining

- **Cyber** (security)
- **E-** (commerce)
- **Online** (human rights circles)
- **Digital** (previously with 'digital divide' – coming into fashion again)
- **Virtual** (becoming virtual)
- **Net** (re-surfacing with NETmundial)

OF ISSUES HERE. MANY OF US ALSO
COME WITH VERY SPECIALIZED
INTERESTS. AND MAYBE SOME OF US
HAVE A VERY INTENSE INTEREST IN,
SAY, 15% OF THE AGENDA. AND HOW
DO WE MANAGE THAT?
FOR SOME PEOPLE, ICANN ISSUES
ARE CENTRAL. FOR OTHERS, IT IS
SECURITY OR ACCESS, OR CHILD
PROTECTION



IG Prefix Monitoring: IGF 2006 - 2014



IG characteristic prefixes: frequency of usage across the IGF Session Transcripts 2006-2014 Corpus.
(a set of 614 available sessions transcripts is used)
IG policy-neutral terms (e.g. "networking" and similar) are suppressed.





Confucius



Lao Tze



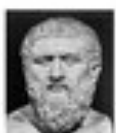
Kautilya



Socrates



Aristoteles



Plato



Ibn Khaldun



Machiavelli



Voltaire



Spinoza



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

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

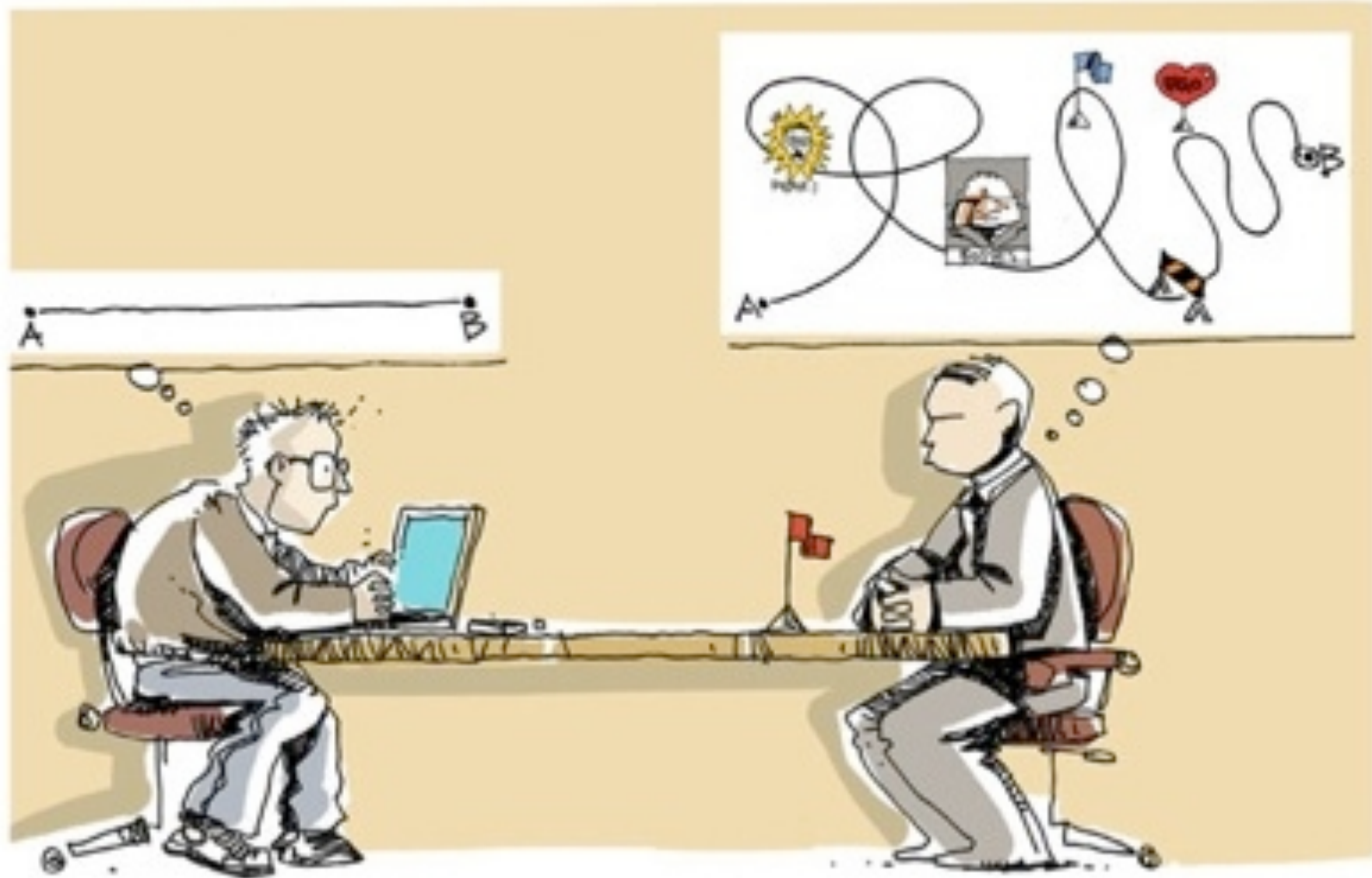


Hugo Grotius

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

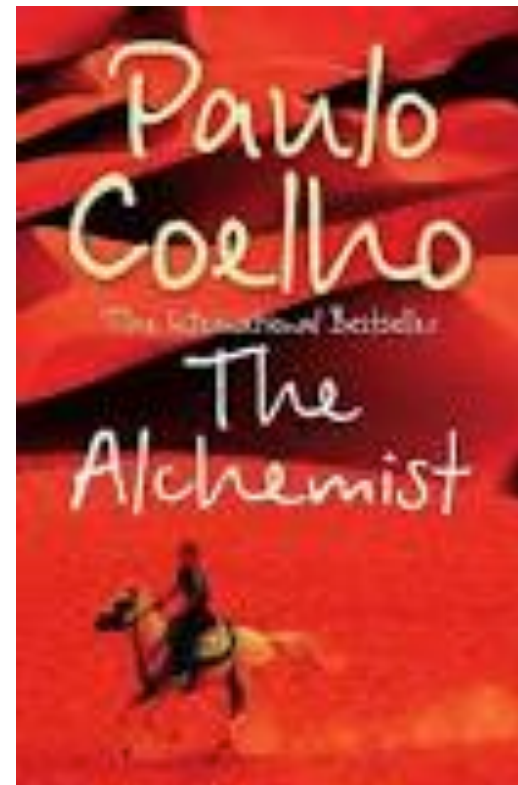
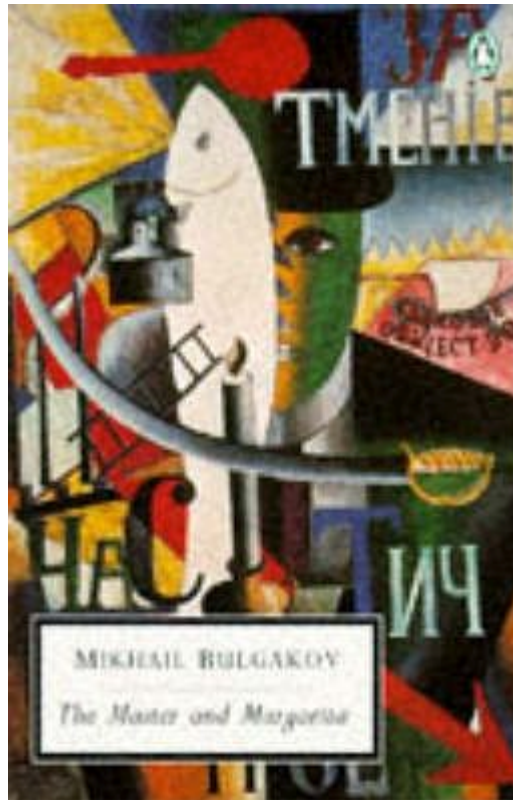


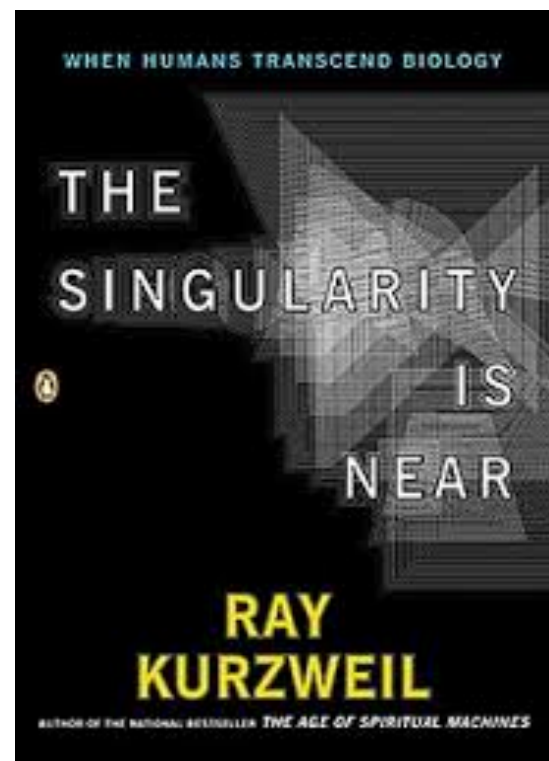
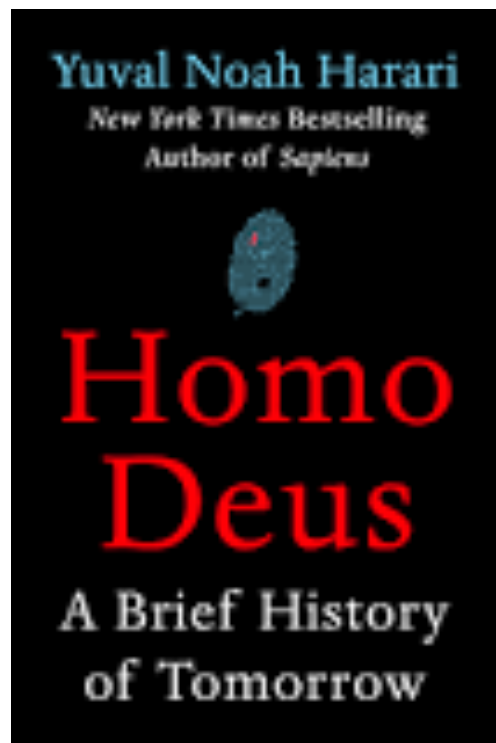
INTERNET SOCIAL CONTRACT



Technical Expertise - Diplomacy

DIPLO





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Web:

www.diplomacy.edu

Twitter:

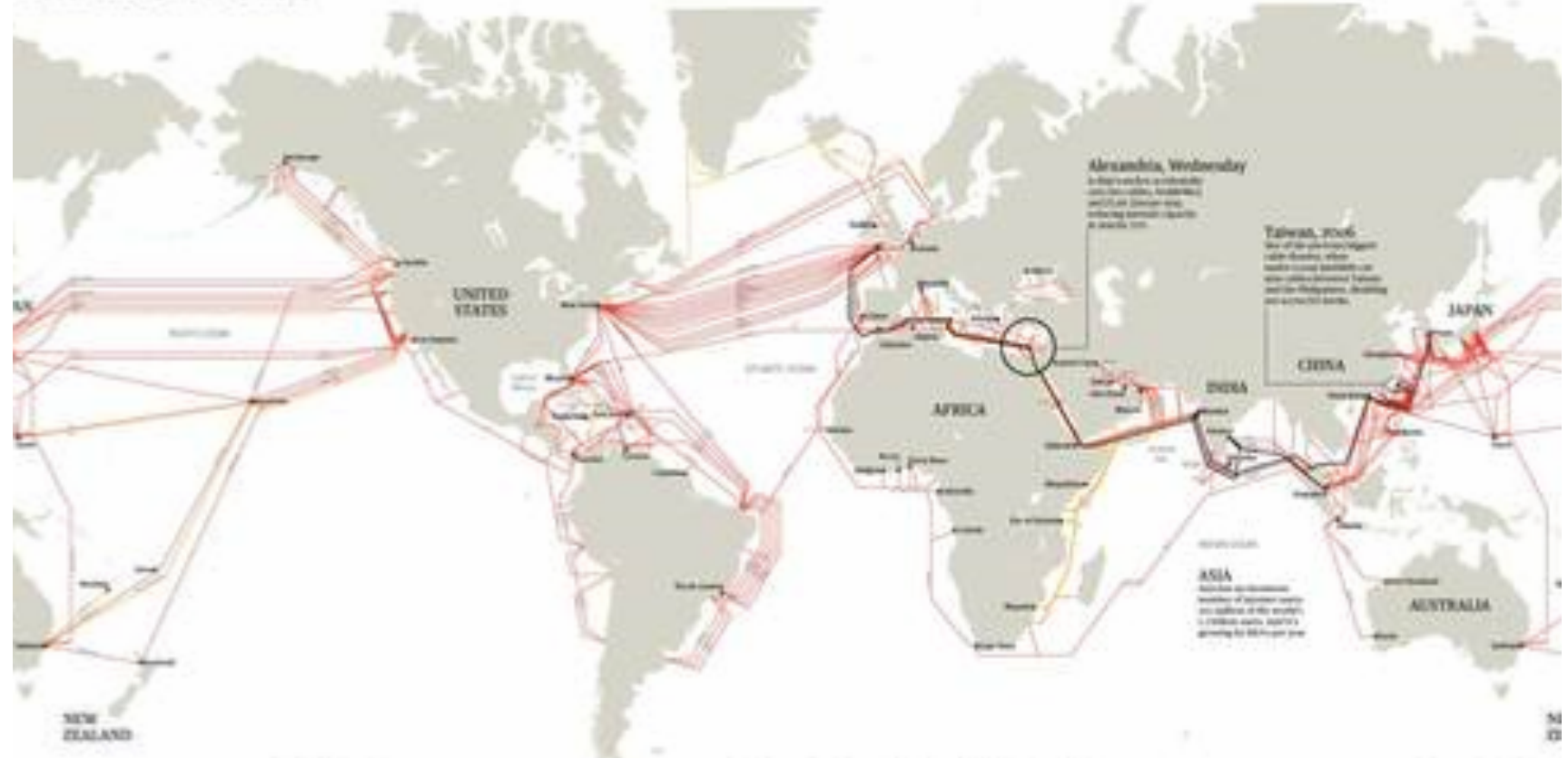
@jovankurbalija

Big Data

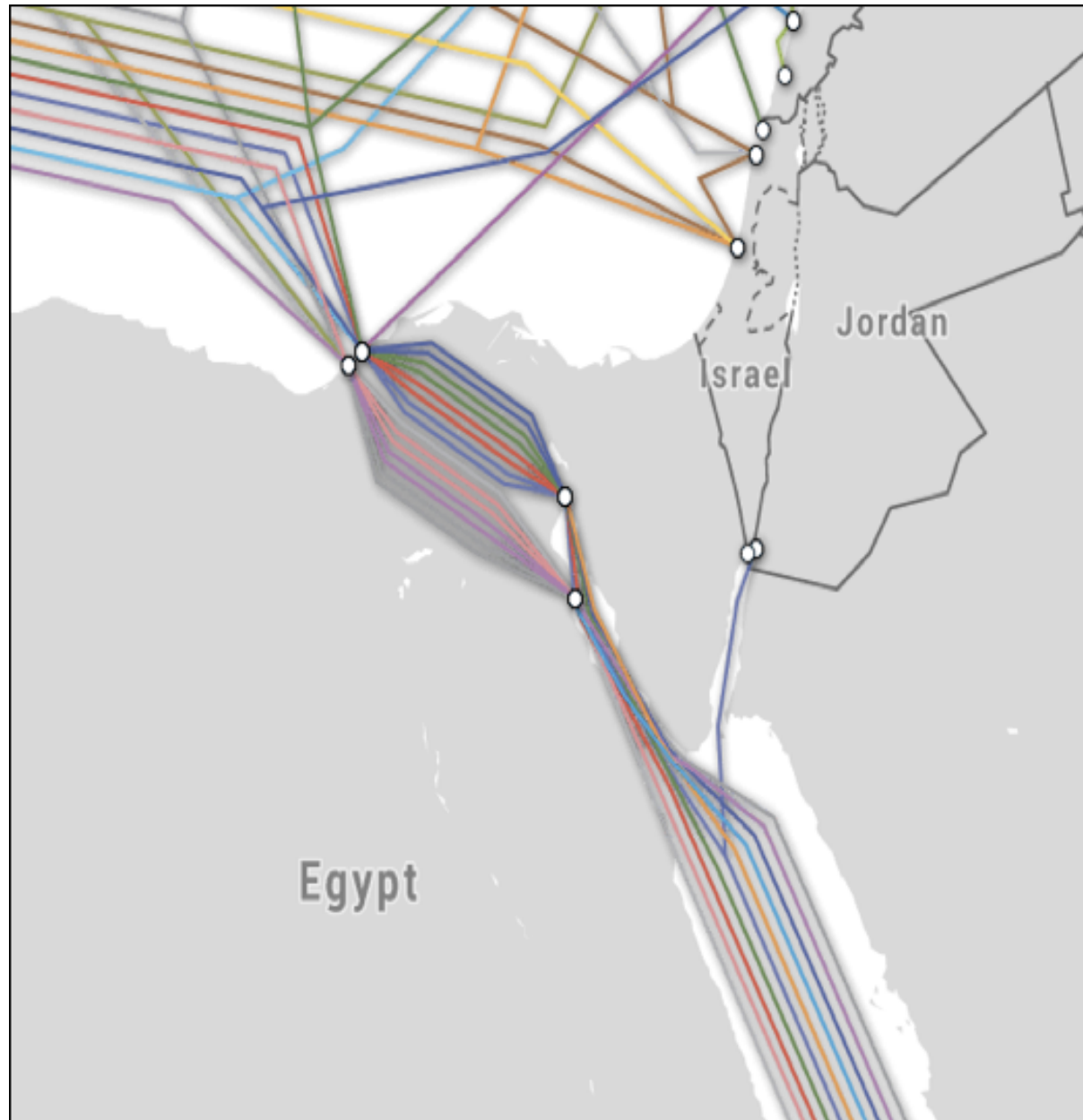
Geo-Politics

Digital geopolitics: the return of geography

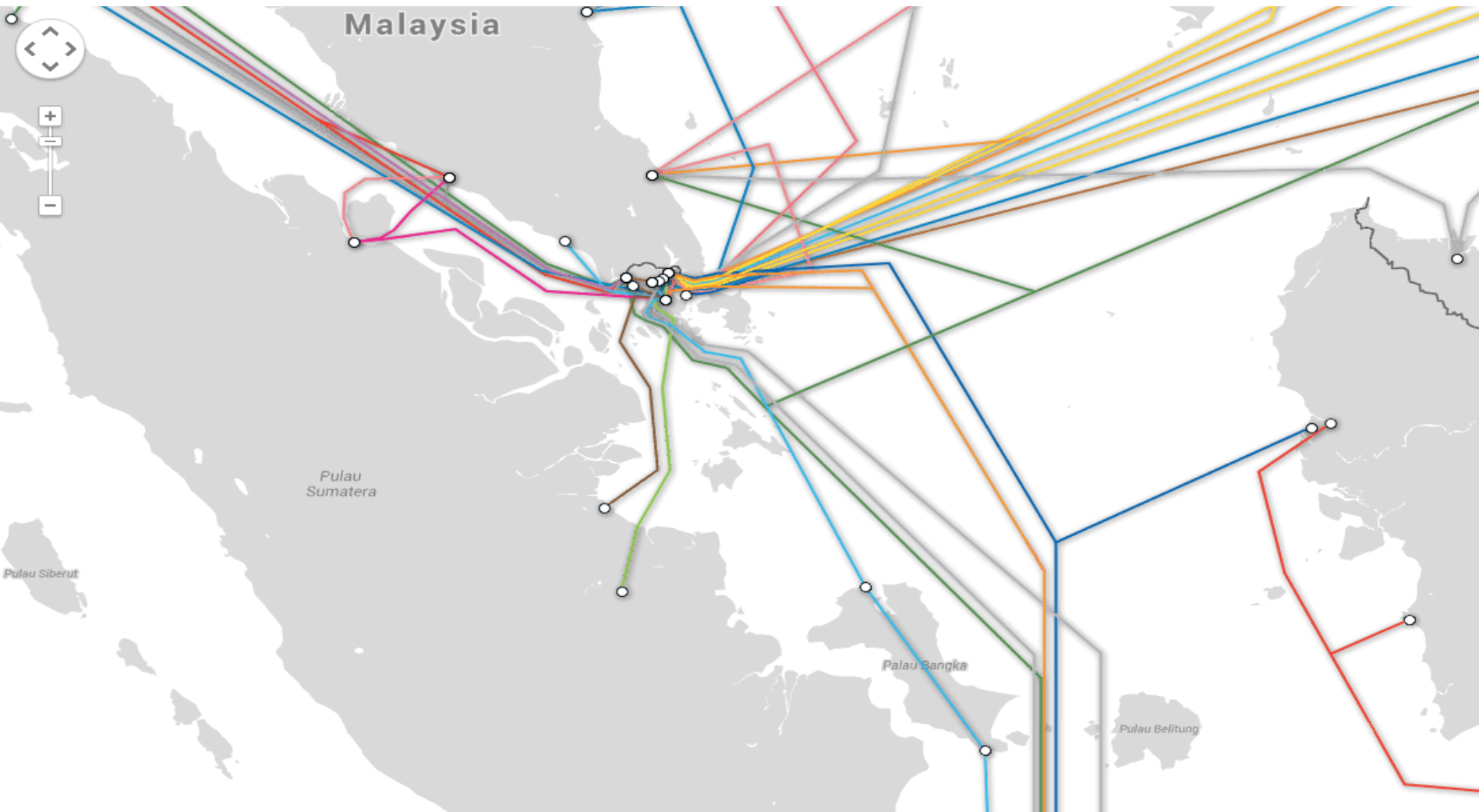
undersea world



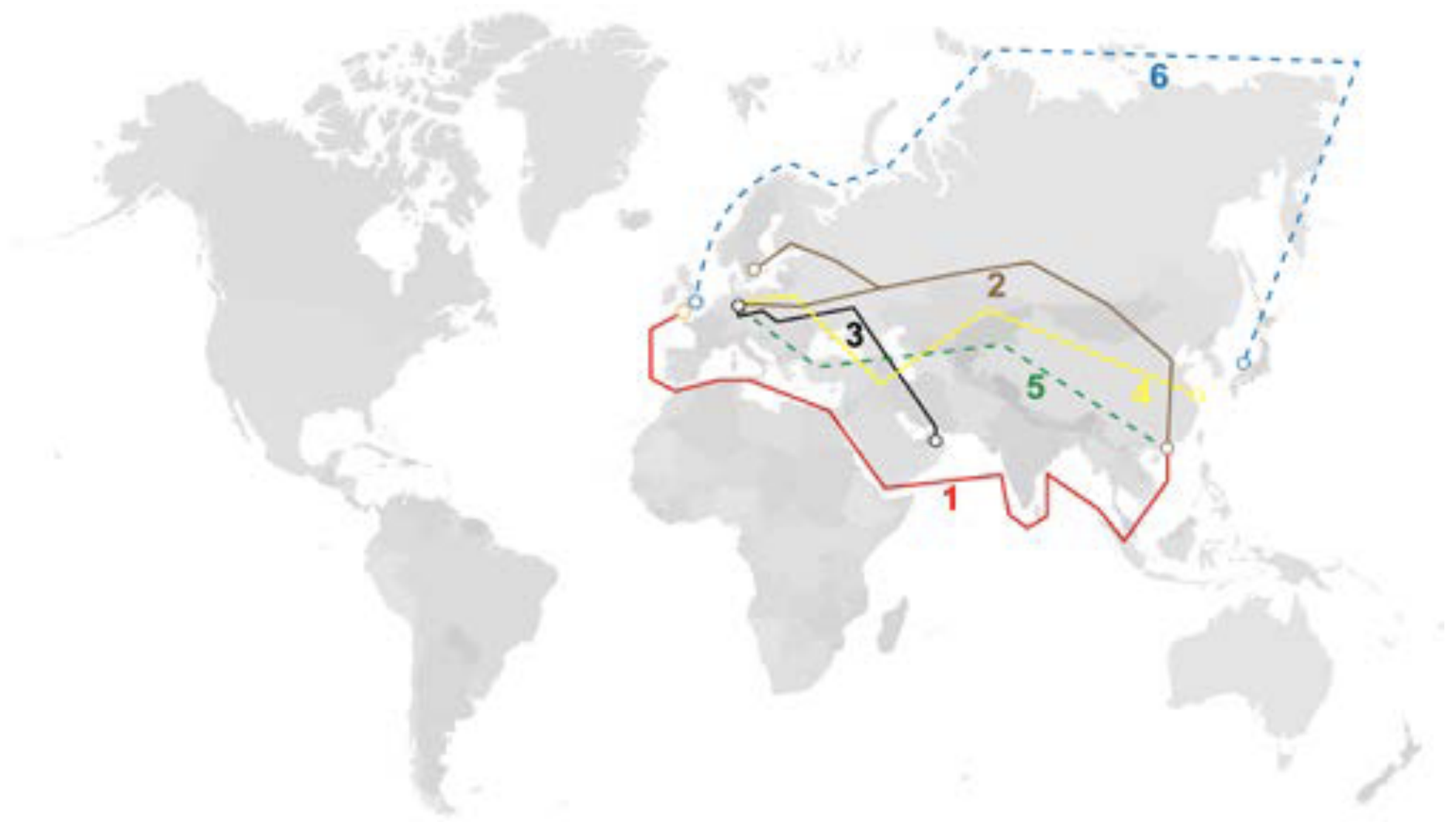
Digital geopolitics: **crucial geostrategic spots**



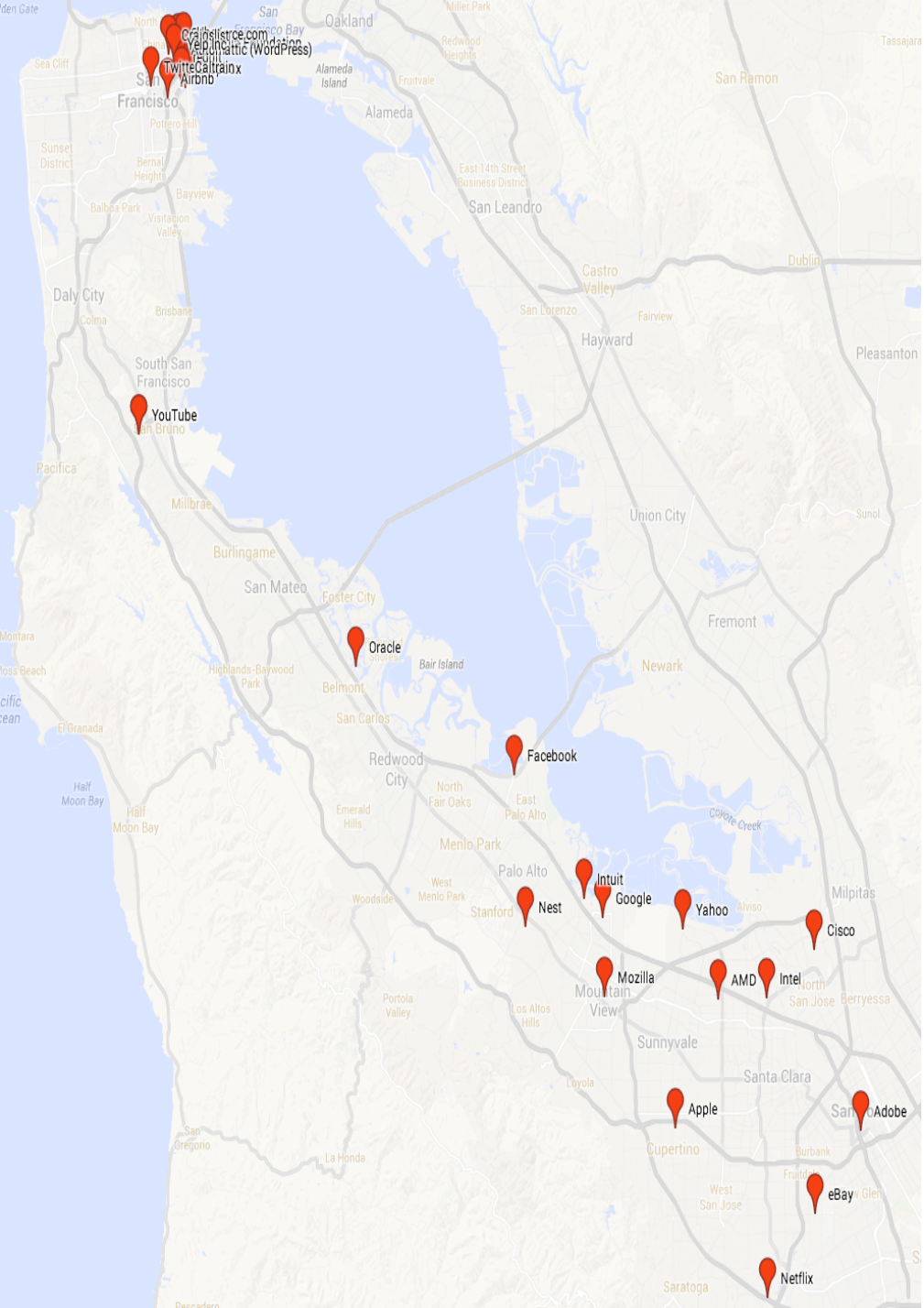
Digital geopolitics: crucial geostrategic spots



Analysis of Euro-Asian Internet connectivity



Digital geoeconomics: Bay Area



TECHNOLOGY

Focus:

Developing standards, apps, and services for data management

Concerns:

Fragmentation of data space due to lack of data interoperability, limited access to data

Actors:

Standardisation bodies (IETF, ISO, ITU, IEEE), Internet industry, software developers, academia...

ECONOMY

Focus:

Use of data as the basis for the Internet business model

Concerns:

Loss of trust by users if data is shared with governments without legal constraints, increased privacy protection may reduce use of data and profit of Internet companies

Actors:

Internet companies, business associations, trade policy community...

DATA GOVERNANCE

SECURITY

Focus:

Use of data by governments for protection of national security and the fight against the crime

Concerns:

Too strong encryption of data by industry and users can limit access to data for security reasons

Actors:

Security services, law enforcement agencies, Interpol, UNODC...

LAW AND HUMAN RIGHTS

Focus:

Protection of privacy, jurisdiction in transboundary data cases

Concerns:

Mass surveillance, lack of protection of citizens' data due to limited jurisdiction

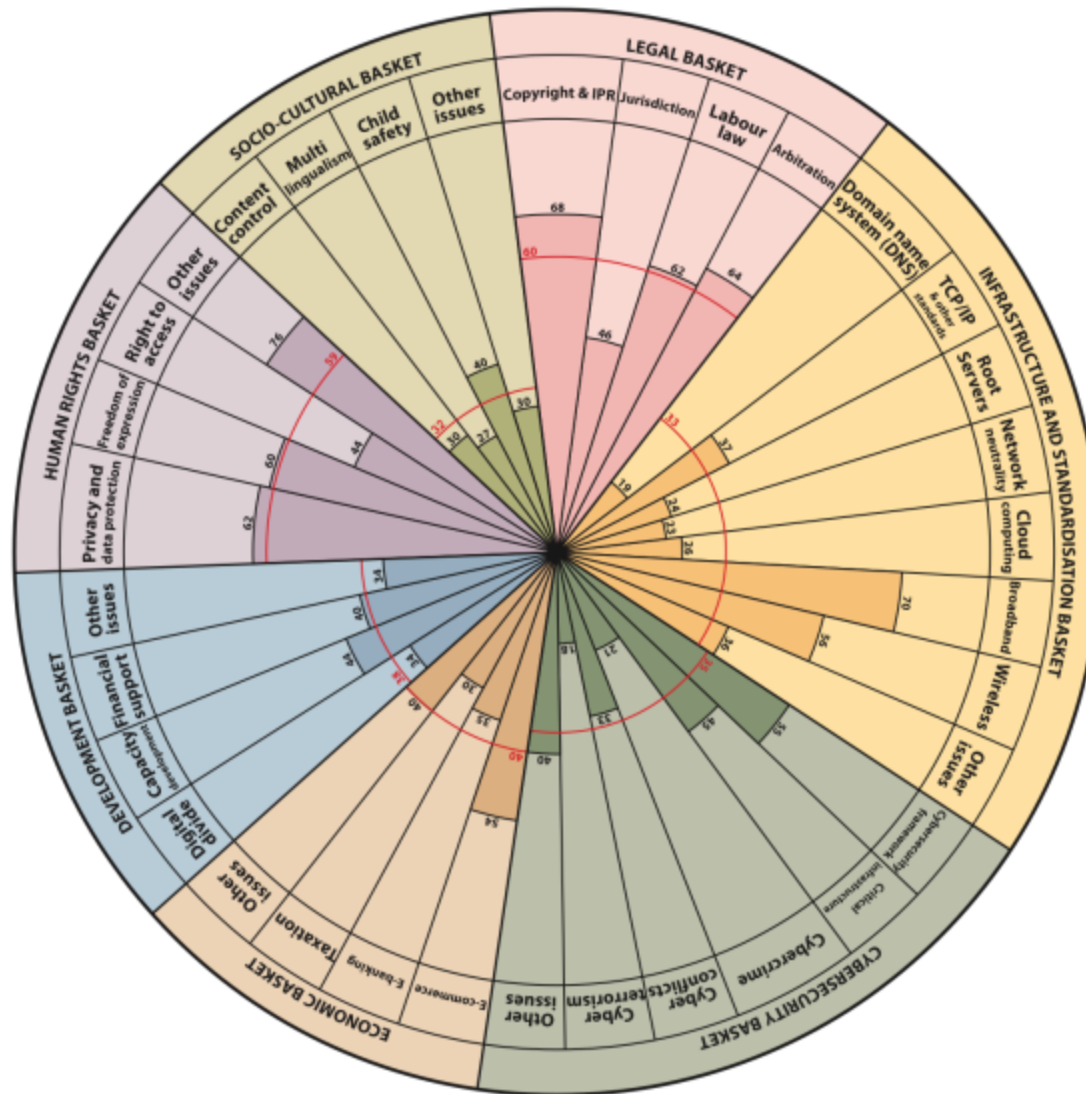
Actors:

Civil society, UN Human Rights Council, courts, academia...

Big Data in

International Geneva





More than 50% of Internet governance is addressed in Geneva

Internet Governance Map

The map displays various international organizations and forums related to Internet Governance, categorized by region:

- Africa:** MSAAWG, Stanford, IETF, CC, IDPF, OCF, JANA, G3net, WACC, ISACA, W-Fi, IMS, QUC, ECLAC/CEPAL, CTU, CARICOM, LACTLD.
- Asia:** UN PU, Access, OSOO, PSI SSO, Berkman Center, Save the Children, AFBN, US DoC, Northrop, COMEC, OSOO, OASIS, ESCWA, AL, ACSIS, ACHPR, ECOWAS, UN ECA, COMESA, APC, AFRNIC, APNIC, PITA, ASEAN, ECPAT, JING, IMPACT, APEC, APTLD, APIA.
- Europe:** ICANN, IETF, RIPE NCC, EURISP, ACTS, UNESCO, FAIR, CERN, BR, ETH, CLIP, COPIE, DECE, UNICEF-WG, EXC, XOFF, INCDIG, ENISA, BISIA, Standard, UPU, Council of Europe, OS, ISA, CW, AI, OECD, RFP, EU, SCBOG, ACTUP, UNESC, FAIR, CERN, BR, ETH, CLIP, COPIE, DECE, UNICEF-WG, EXC, XOFF, INCDIG, ENISA, BISIA, Standard, UPU, Council of Europe.

- Access Now
- Africa Civil Society for the Information Society
- Africa Top Level Domains Organization
- African Commission on Human and Peoples' Rights
- African Network Information Center
- African Union
- American Registry for Internet Numbers
- Arab League
- Asia Pacific Internet Association
- Asia Pacific Economic Cooperation
- Asia Pacific Top Level Domain Association
- Asia-Pacific Network Information Centre
- Association for Progressive Communications
- Association of Southeast Asian Nations
- Berkman Center for Internet & Society at Harvard University
- Caribbean Community and Common Market
- Caribbean Telecommunications Union
- Cloud Standards Customer Council
- Common Market for Eastern and Southern Africa
- Creative Commons
- Economic Community of West African States (ECOWAT)
- Global Initiatives for Inclusive Information and Communication Technologies
- IMS Global Learning Consortium
- Information System Audit and Control Association
- International Centre for Missing and Exploited Children
- International Digital Publishing Forum
- International Multilateral Partnership Against Cyber Threats

Access
ACNS
ADTLD
ADRR
AFRINC
AI
AGIN
AI
APW
APIC
APTLD
APNIC
APC
ASIXAN
Barleiman Center
CARICOM
CTU
CSOC
COMESA
CC
ECONAS
ECRI

CNET
IMS GUC
ISACA
EMIC
IDP
IMPACT

- Internet Assigned Numbers Authority
- Internet Engineering Task Force
- Internet Infrastructure Coalition
- Just Net Coalition
- Latin American and Caribbean ICTLEO Organization
- Messaging, Malware and Mobile Anti-Abuse Working Group
- Netpage
- Open Connectivity Foundation
- Organization of Islamic Cooperation - Computer Emergency Response Team
- Organization for the Advancement of Structured Information Standards
- Pacific Islands Telecommunications Association
- PO Security Standards Council
- Shanghai Cooperation Organisation
- Stanford University
- UNICODE Consortium
- United Nations
- United Nations Economic Commission for Africa
- United Nations Economic Commission for Latin America and the Caribbean
- US Department of Commerce
- Wi-Fi Alliance
- World Association for Christian Communication

IANA
IETF
IJC
JNC
LACTLD
MSAANG
NetHope
OCF

OC-CERT

OASIS
OISA
POLISC
SCO
Scout24
UNICOD
UN
UN ECA

EOLAC/ICRL
US DoC
WIFI
WACC

2nd Generation Partnership Project	3GPP
Amnesty International	AI
Article 19 Working Party	A29WP
Bank for International Settlements	BIS
Child Exploitation and Online Protection Centre	CEOP
Consumers International	CI
Council of Europe	CoE
Court of Justice of the European Union	CJEU
ETH Zurich	ETH
European Banking Authority	EBA
European Central Bank	ECB
European Cybercrime Centre	EC3
European Music Platform Group on Conflict of Laws in Intellectual Property	CLIP
European NGO Alliance for Child Safety Online	eNASC
Financial Action Task Force	FATF
Global Cyber Security Capacity Centre	GCSCC
Internet Watch Foundation	IWF
Interpol	Interpol
NATO Cooperative Cyber Defence Centre of Excellence	CCDCOE
Organization for Economic Co-operation and Development	OECD
Organization for Security and Co-operation in Europe	OSCE
"International Commission on Non-ionizing Radiation Protection"	ICNIRP
Research IP Europe's Network's Coordination Centre	RIPEN NCC
Secretary of the European Dialogue on Internet Governance	EuroDIG Secretary
The Commonwealth	OW
UN Commission on Crime Prevention and Criminal Justice	CCPCJ
UNICEF's Office of Research Innocenti	UNICEF-IOC
United Nations Educational Scientific and Cultural Organization	UNESCO
Universal Postal Union	UPU
World Wide Web Consortium	W3C

