

Cybersecurity capacity development: trends, challenges and opportunities

***E-commerce week: Cybersecurity and Cybercrime: New tools for
better cyber protection***

Geneva, April 2017

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Context

Changing environment

Cyber-dependence



Cyber-dependence

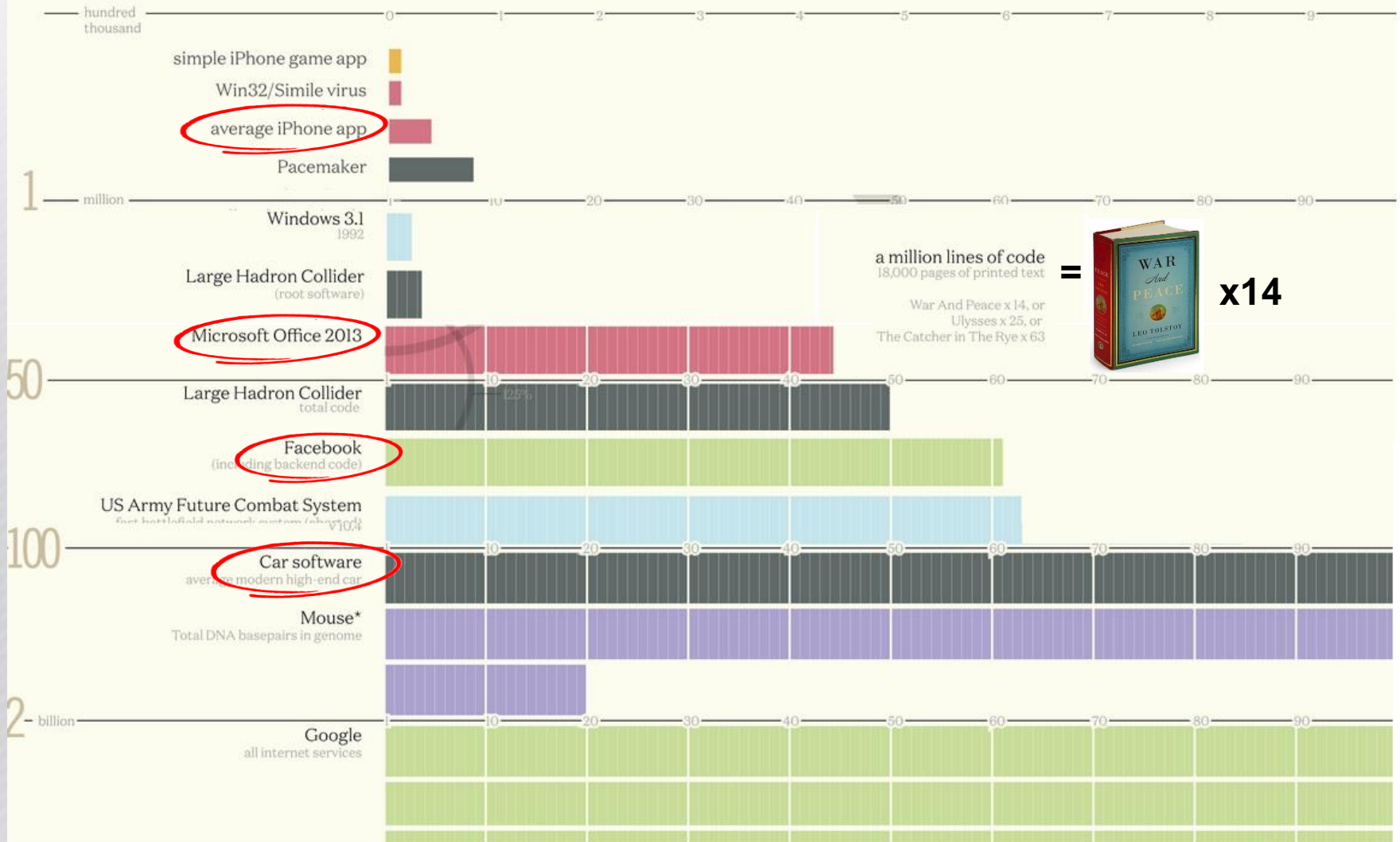


Source: [IBM](http://www.ibm.com/smartercity)

Complexity of digital services

Codebases

Millions of lines of code



Source: <http://www.informationisbeautiful.net/visualizations/million-lines-of-code/>

Asymmetry

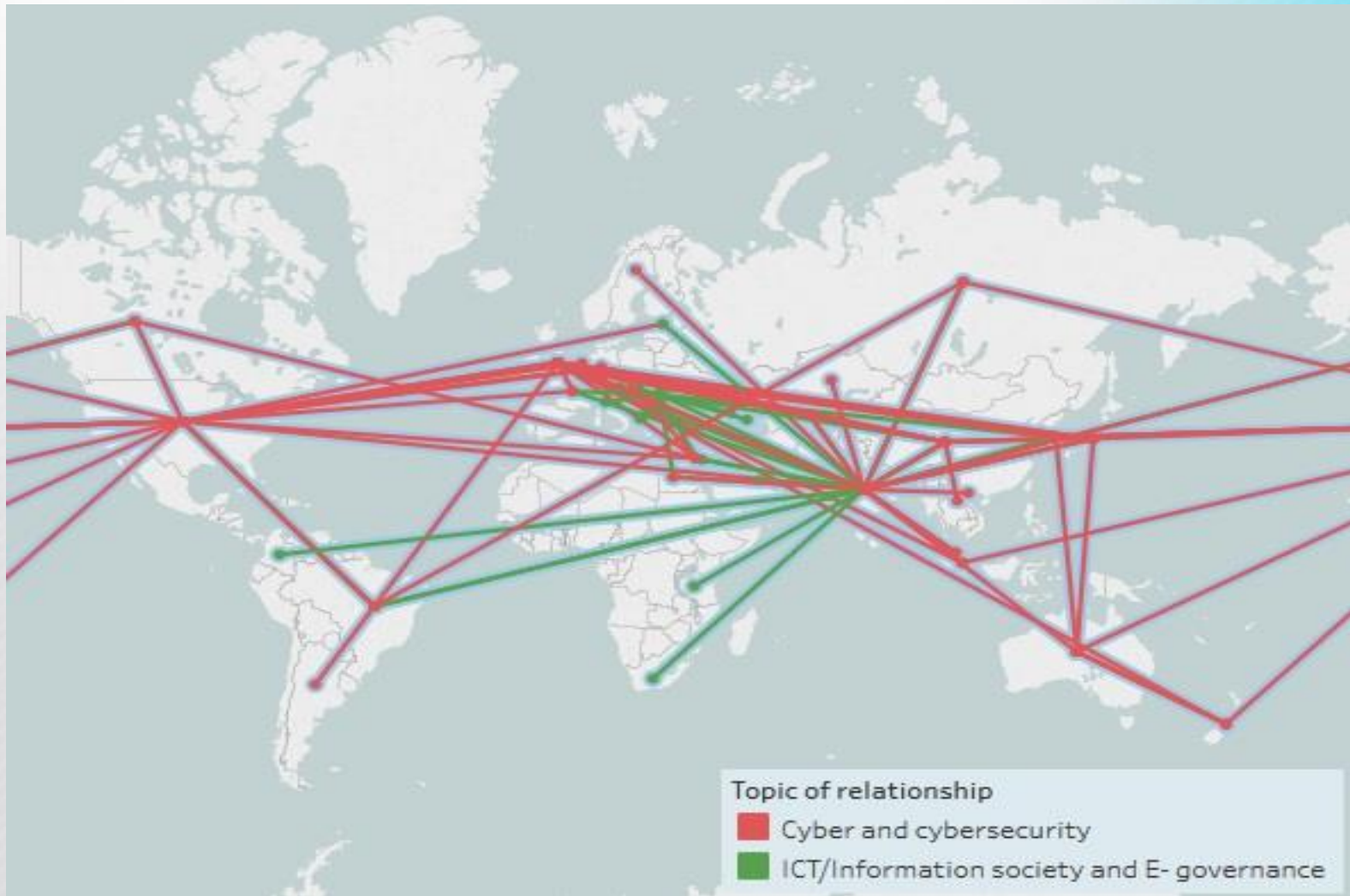


Source: kaltoons.com

Initiatives

Key elements

Bilateral relations



Available at: <https://digitalwatch.giplatform.org/>

Main multilateral instruments

	GGE	OSCE	ARF	OAS
Exchange of information	◆	◆	◆	◆
Contact points	◆	◆	◆	
CERT/CSIRT	◆			◆
CI and CII	◆	◆	◆	◆
Cybercrime and terrorism	◆	◆	◆	◆
Reducing the risk of misperception	◆	◆	◆	◆
Common terminology	◆	◆	◆	
Norms	◆		◆	
Facilitating ongoing dialogue	◆	◆		◆
Multistakeholder approach	◆	◆		◆
Capacity building	◆	◆	◆	◆
Research	◆		◆	

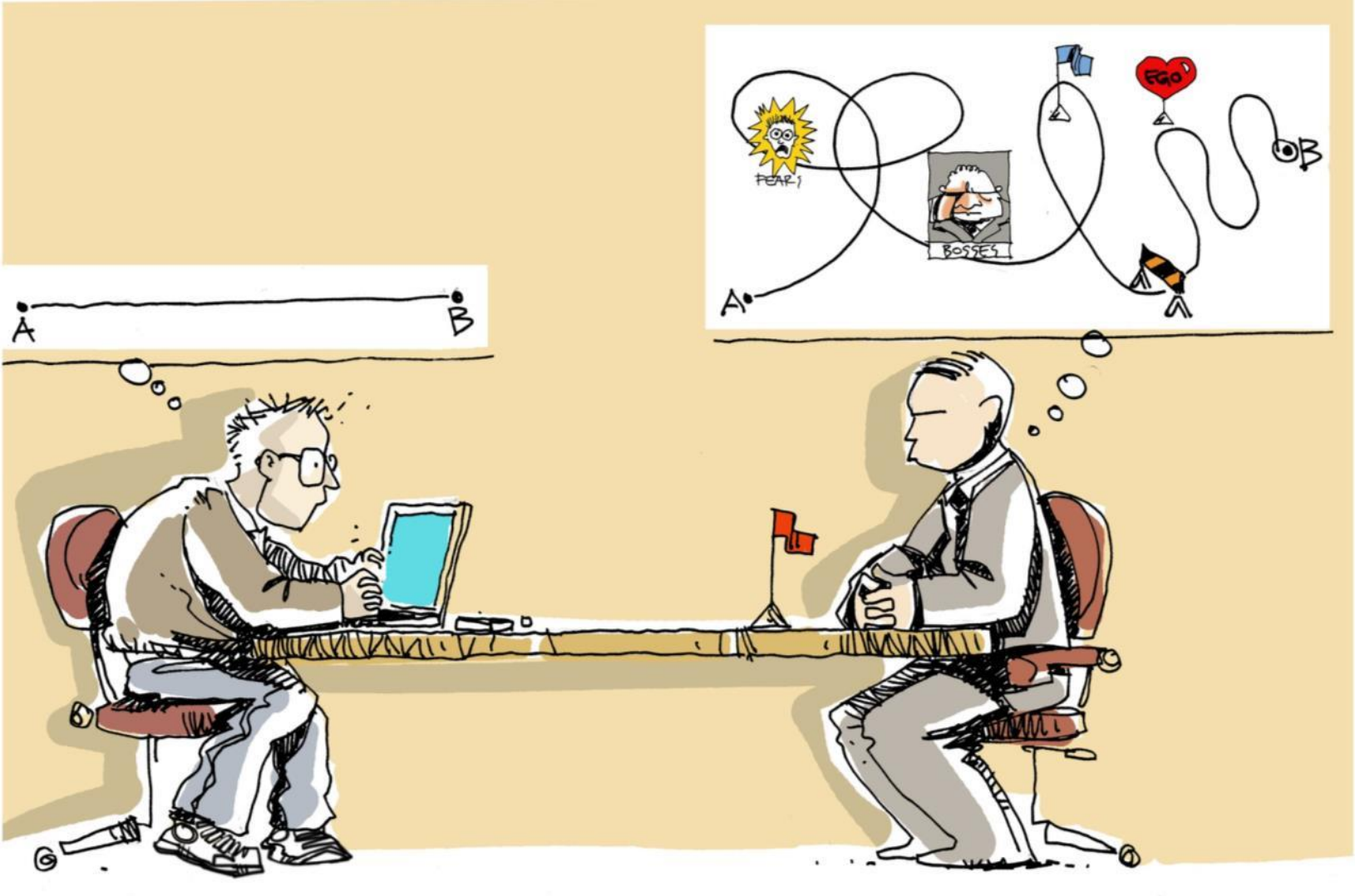
Lessons learned

Recommendations

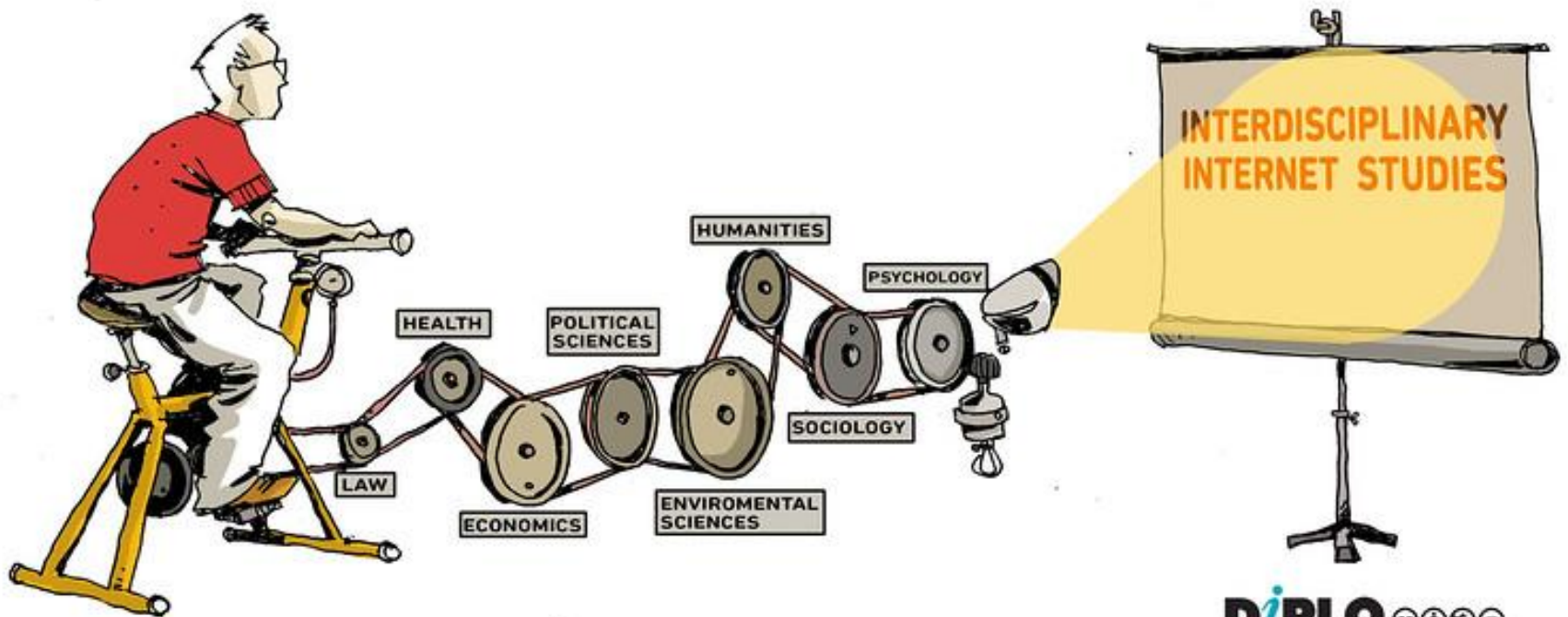
Multidisciplinary area



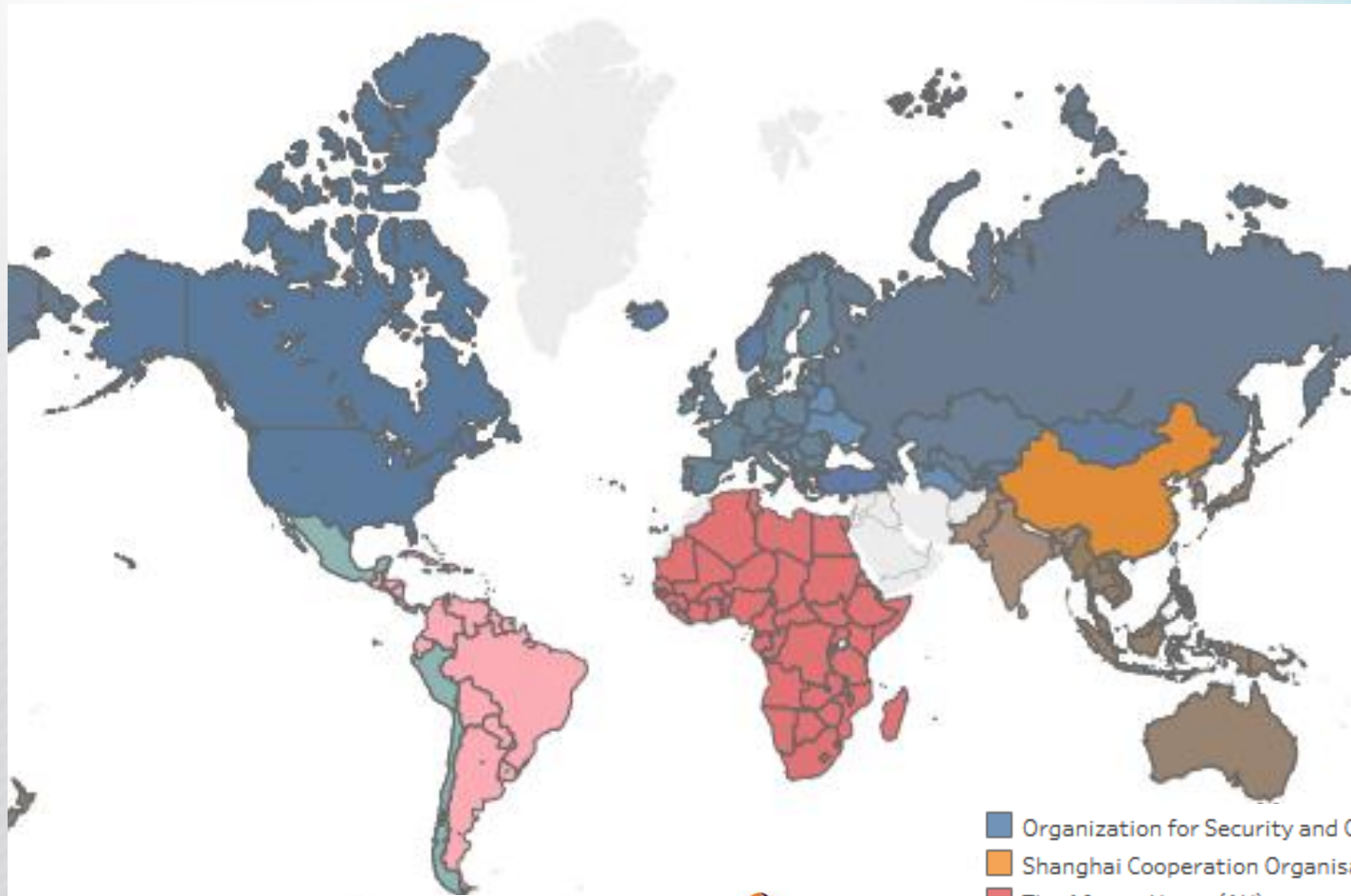
Multiple professional cultures



Multidisciplinary cross-border education



Geographical and stakeholder outreach



- Organization for Security and Co-operation in Europe (OSCE)
- Shanghai Cooperation Organisation (SCO)
- The African Union (AU)
- The ASEAN Regional Forum (ARF)
- The Asia-Pacific Economic Cooperation (APEC)
- The Association of Southeast Asian Nations (ASEAN)
- The European Union (EU)
- The North Atlantic Treaty Organization (NATO)
- The Organization of American States (OAS)

IGF Internet
Governance
Forum



Geneva Internet Platform



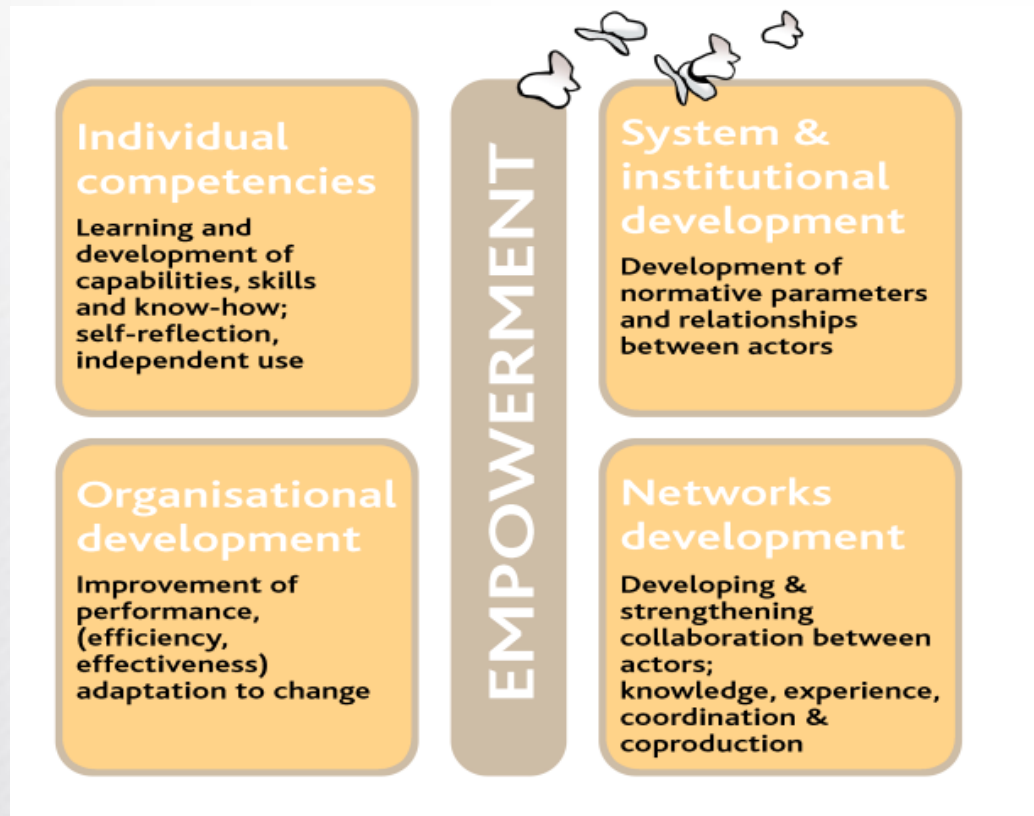
FREEDOM
ONLINE
COALITION



Collaborative responsibility

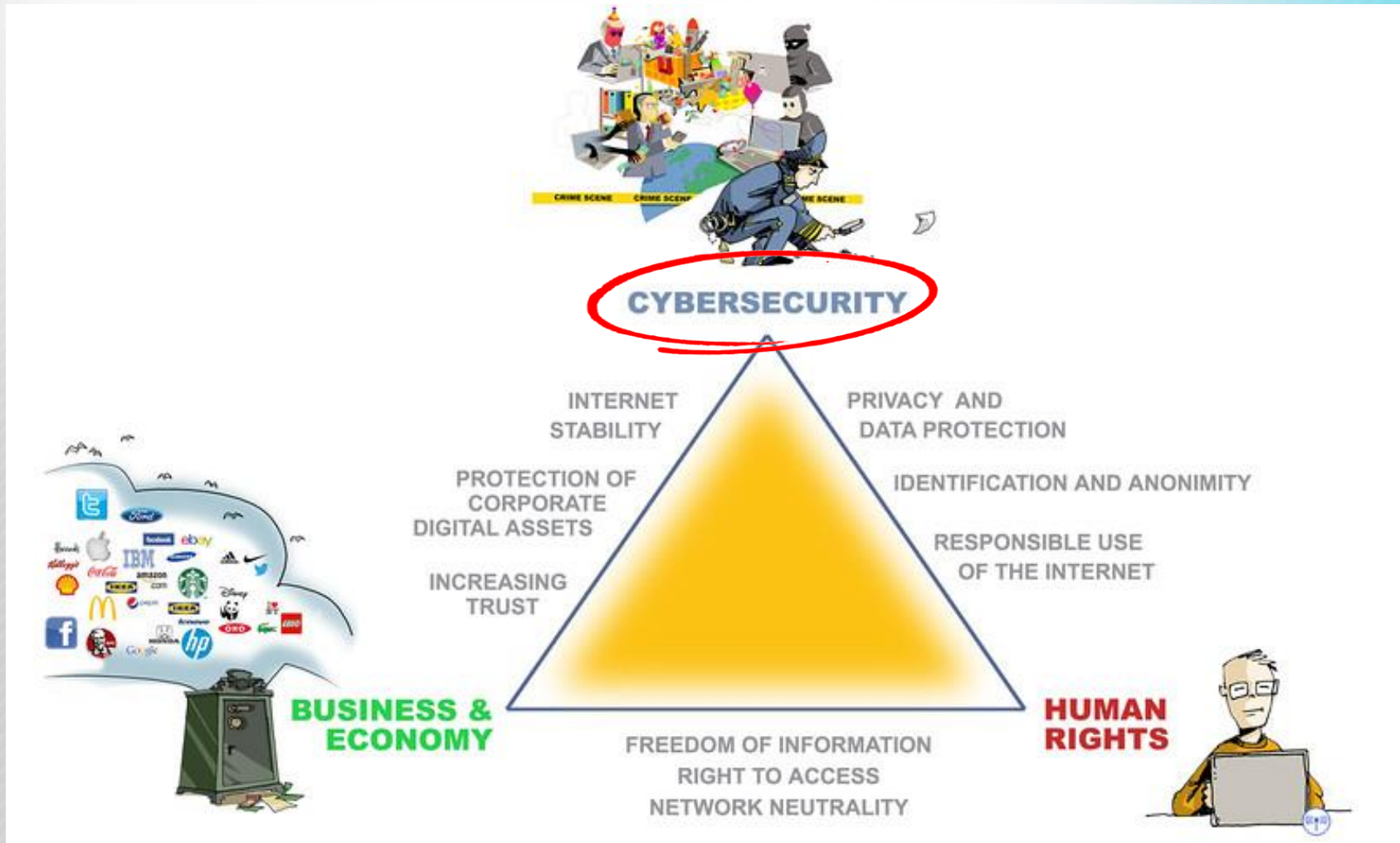


Comprehensive capacity building



Source: Swiss Agency for Development and Cooperation (2006)

Horizontal and vertical policy coherence



Horizontal and vertical policy coherence

eCommerce Week

24–28 April 2017

Palais des Nations, Geneva



Towards inclusive e-commerce

Horizontal and vertical policy coherence

Digital Commerce (just-in-time Geneva-based course)

Geneva Internet Platform

The logo for the Geneva Internet Platform, featuring a blue brushstroke underline.

CUTS
International
GENEVA

The logo for CUTS International, featuring a stylized globe icon.

The logo for the International Trade Centre, featuring a stylized 'X' shape composed of four colored segments (blue, red, grey, black).
International
Trade
Centre

The logo for the United Nations Conference on Trade and Development (UNCTAD), featuring the United Nations emblem.
UNITED NATIONS
UNCTAD

This course aims to assist permanent missions and international organisations in Geneva to deal with fast emerging digital commerce issues. It provides an interdisciplinary coverage of e-commerce, from both digital and trade perspectives. The course is delivered by the [Geneva Internet Platform \(GIP\)](#), in partnership with the [International Trade Centre \(ITC\)](#), the [Consumer Unity & Trust Society \(CUTS International\)](#), the [United Nations Conference on Trade and Development \(UNCTAD\)](#), and [DiploFoundation](#).

Kickstart of the Just-in-Time Course on Digital Commerce: Internet functionality and business models

26 April 2017
Room XXIII. Palais des Nations
Geneva, Switzerland

Key Issues

Documents

Geneva Internet Platform



JUST-IN-TIME COURSE ON DIGITAL COMMERCE

26 April – 31 May 2017

This session, open to all UNCTAD e-commerce week participants, will kickstart the Just-in-Time Course on Digital Commerce delivered by the [Geneva Internet Platform](#), in partnership with the International Trade Centre (ITC), the Consumer Unity & Trust Society (CUTS International), the United Nations Conference on Trade and Development (UNCTAD), and DiploFoundation.

It will present an overview of the topics included in the first module of the course, dedicated to '*Internet functionality and online business models*', including:

- a. Basic Internet functionality of relevance for e-commerce
- b. Flow of money, services and profit on the Internet that impacts digital commerce discussions

Speakers:

- **Mr. Jovan Kurbalija**, Director, DiploFoundation and Head, Geneva Internet Platform
- **Ms. Marion Jansen**, Chief Economist of the International Trade Centre
- **Mr. Rashid S. Kaukab**, Executive Director, CUTS International Geneva
- **Ms. Shamika N. Sirimanne**, Director, Division on Technology and Logistics, UNCTAD

Visit:

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