

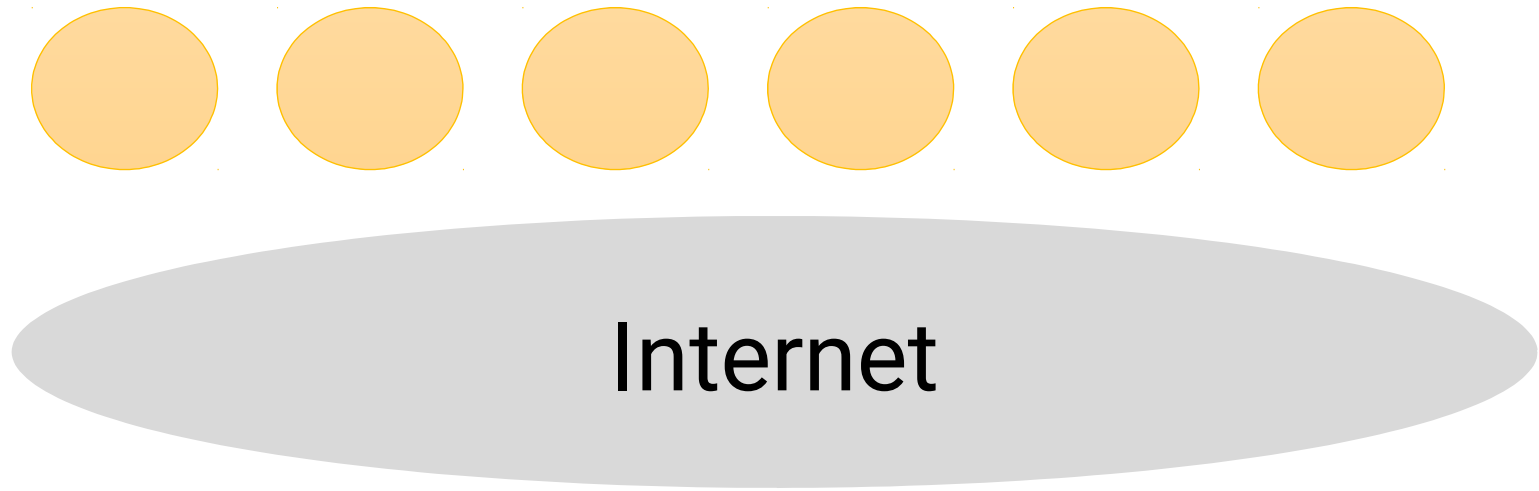
Internet Civilization

The Internet, a look forward: Social, political, and technical perspectives

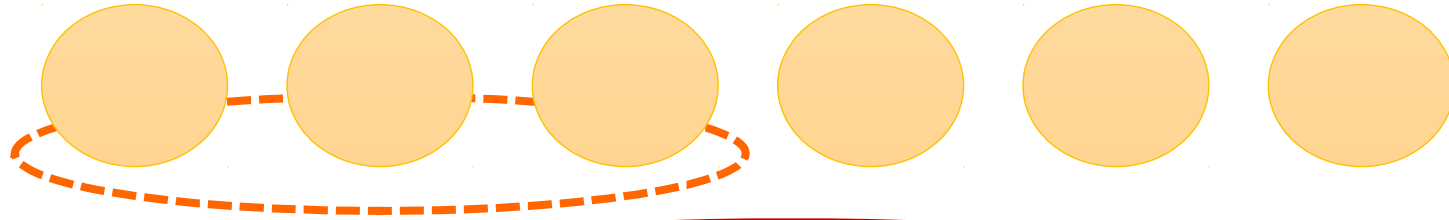
Jun Murai

WIDE Project/KEIO University

The Internet Bridging The Verticals



Collaboration

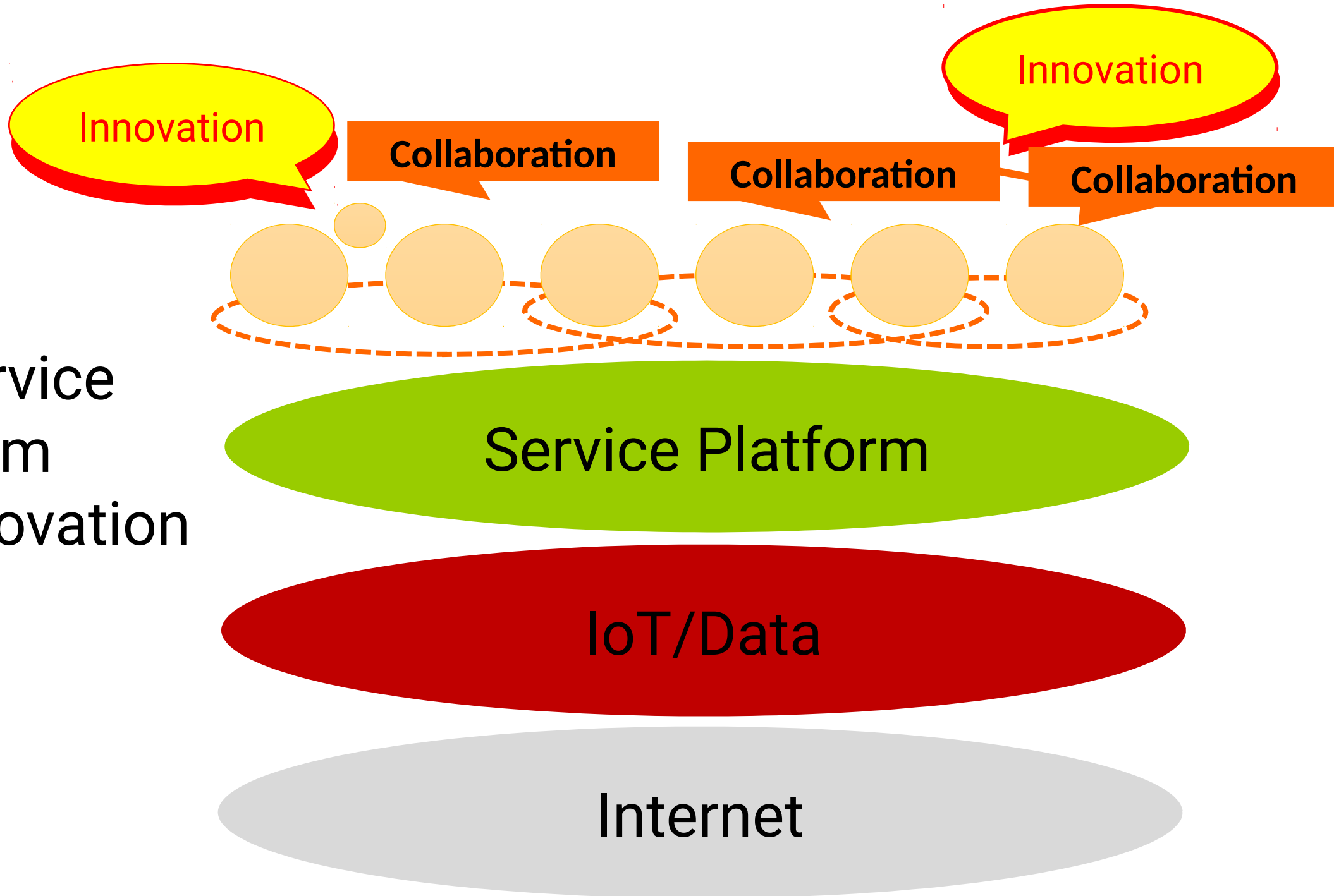


IoT/Data

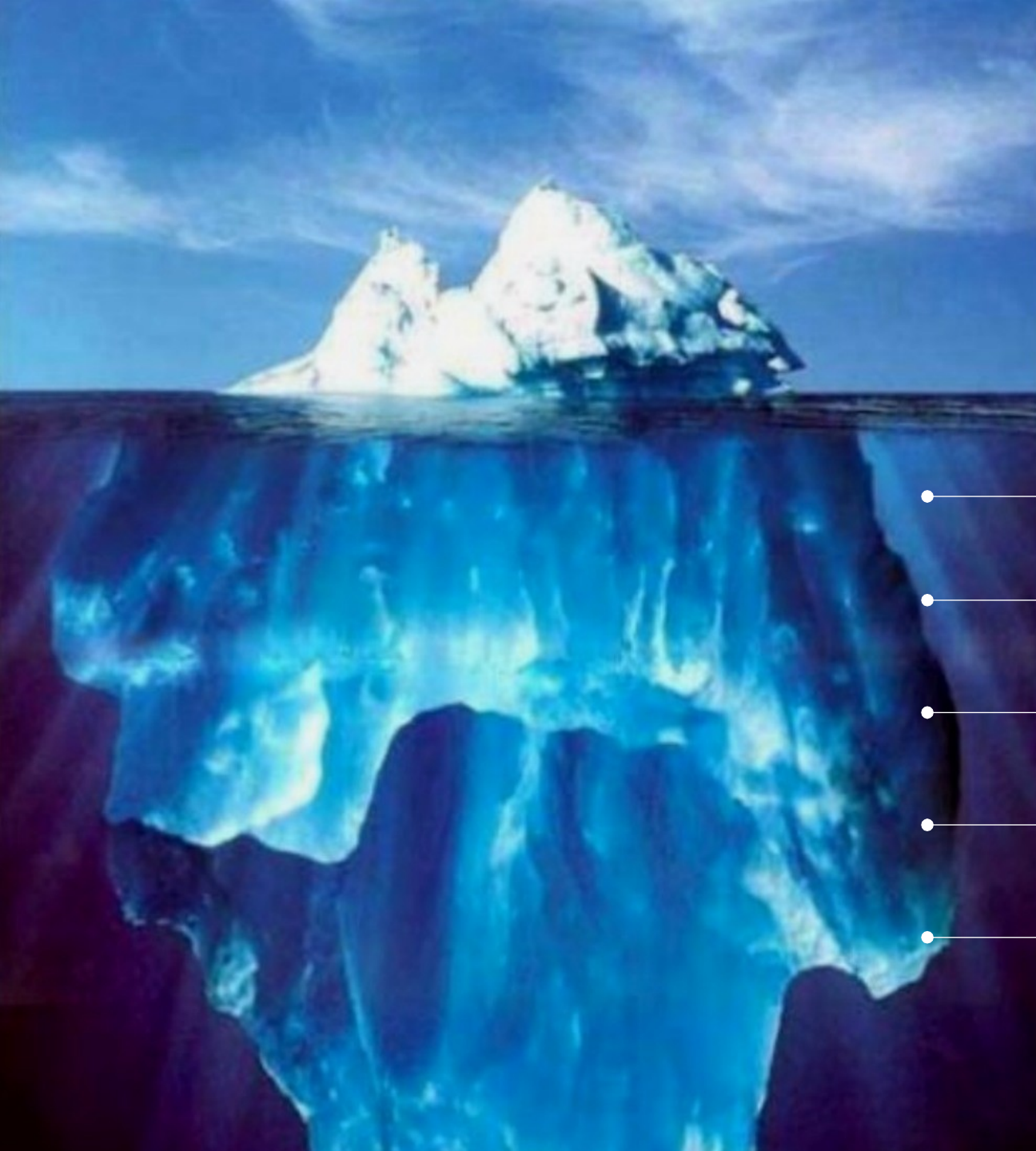
Internet

Data for
“beyond
the borders”

IoT Service
Platform
for Innovation



De 'SILO' = beyond the silo
walls



• **API (Application Interface)**

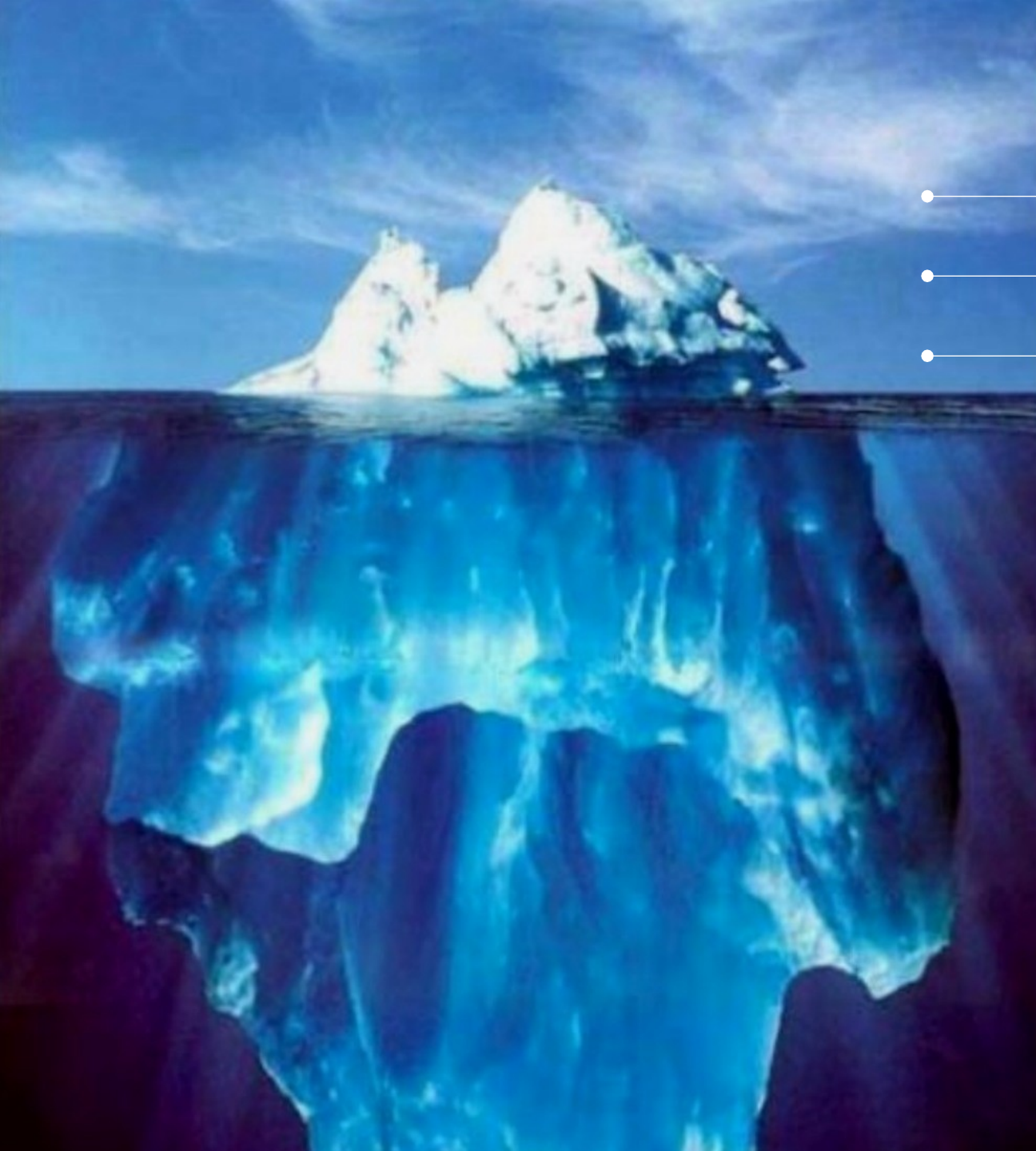
• **WEB**

SDN and NFV

• **TCP/IP**

• **Ether, WiFi, Bluetooth**

• **Fiber, Mobile Wireless, Satellite**



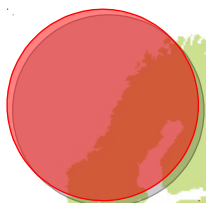
- Service
- IoT, Bigdata
- AI



The Internet

Internet Users

Europe
105M



Asia
114M



Middle East
3.3M



Africa
4.5M



Oceania & Australia
120M



North America
108M



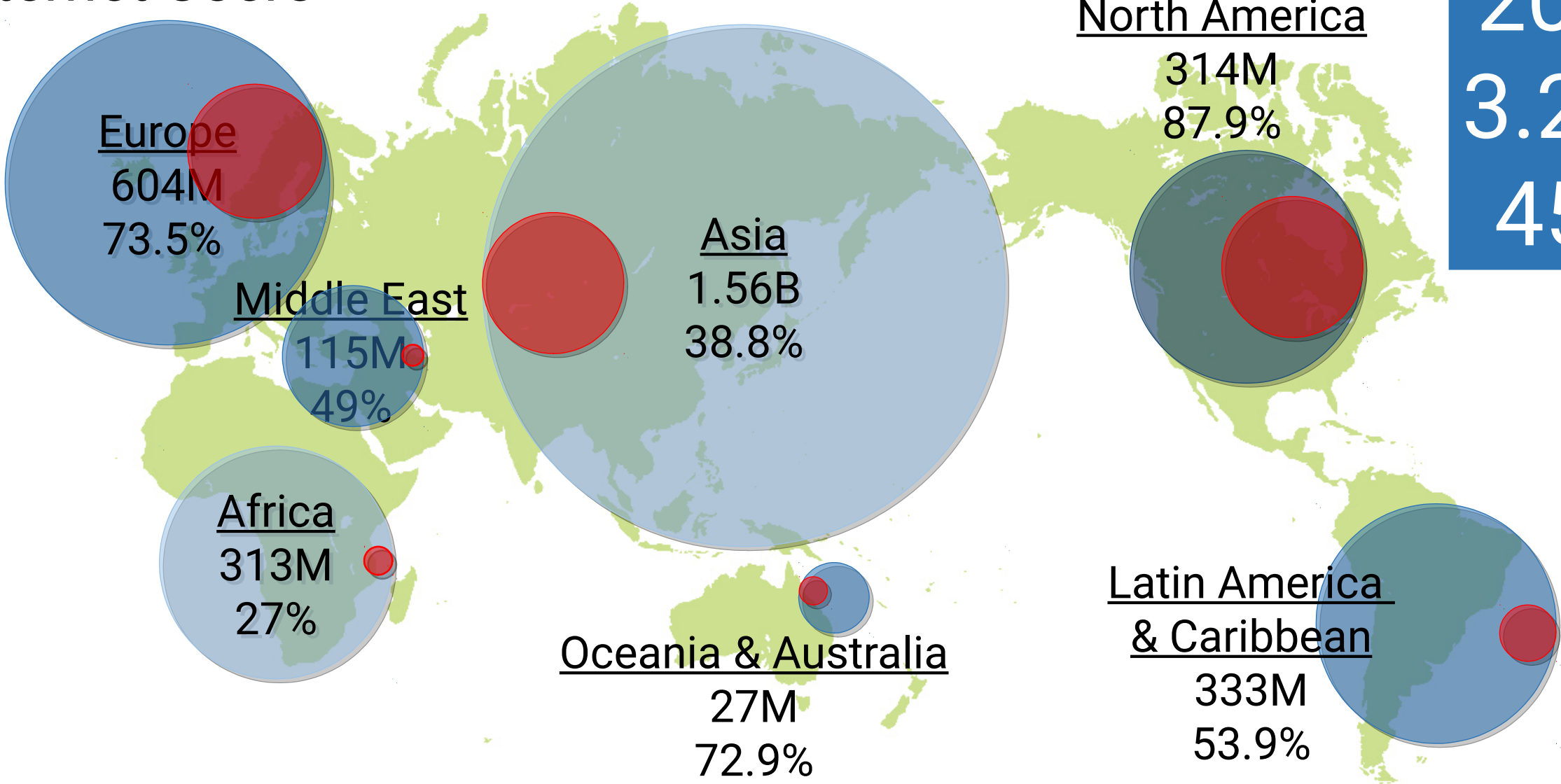
Latin America & Caribbean
18M



2000
361M
6%

Internet Users

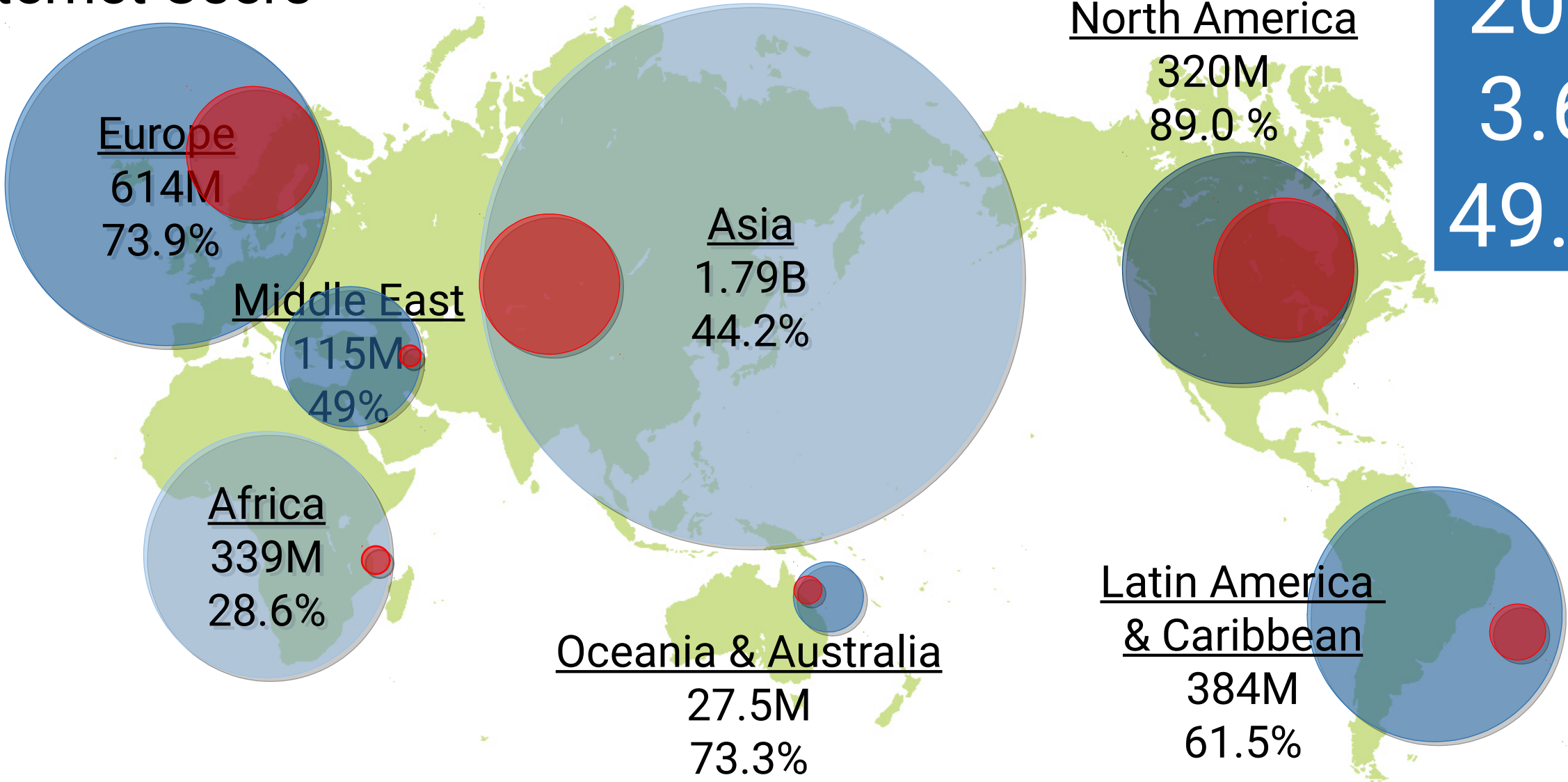
2015
3.27B
45%



Penetration (% population)

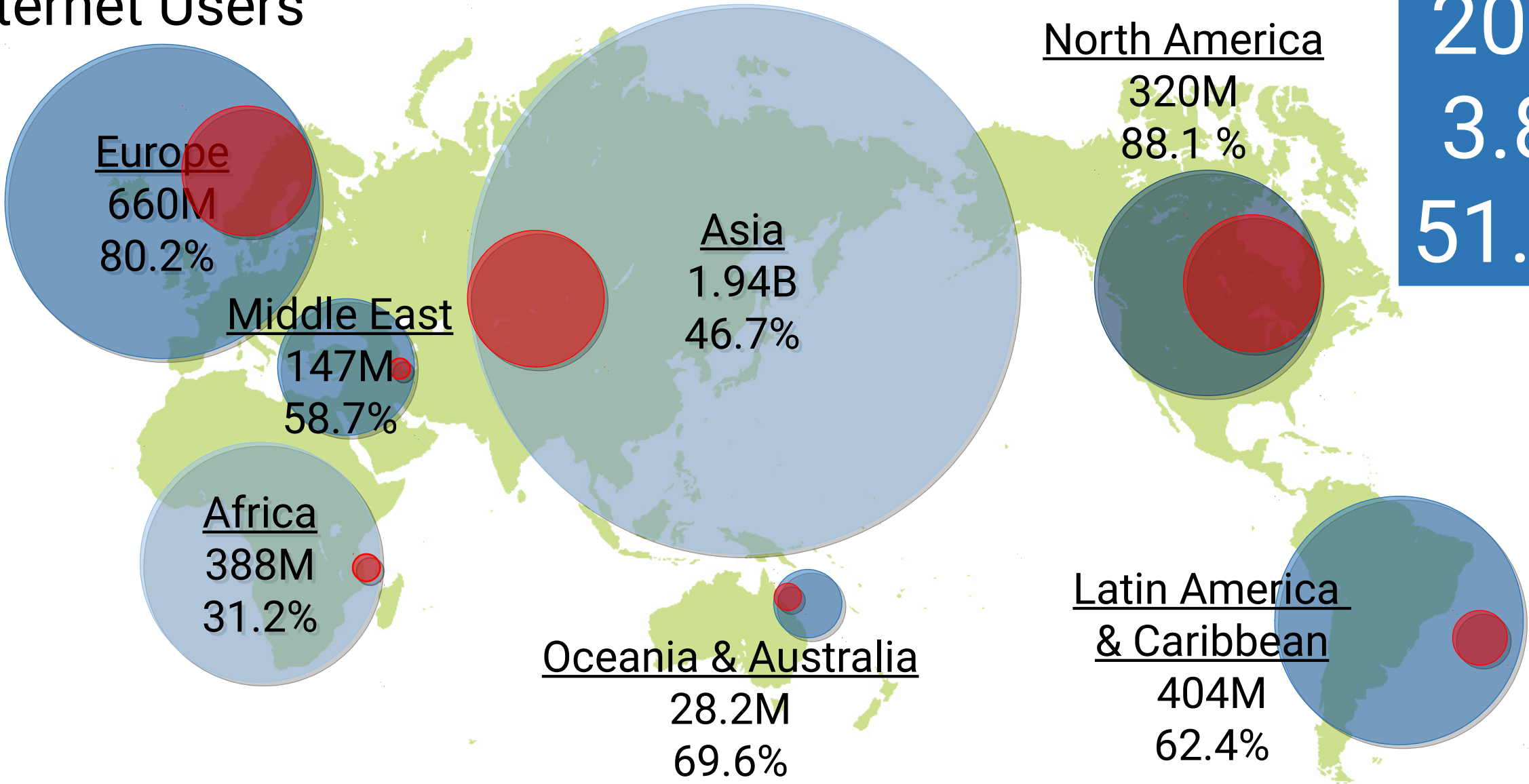
Internet Users

2016
3.6B
49.2%



Penetration (% population)

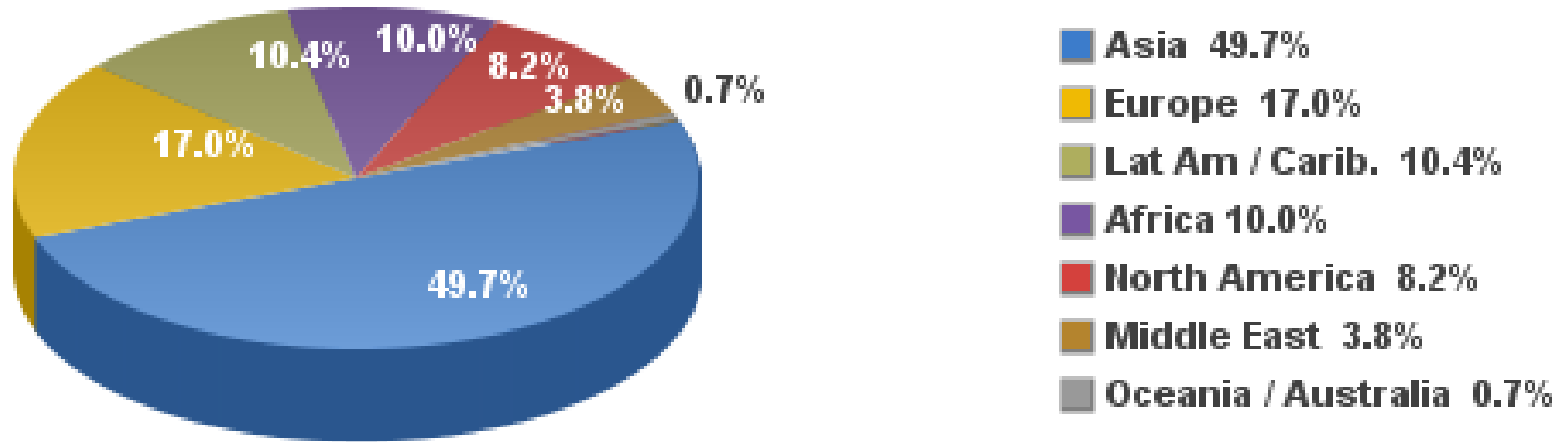
Internet Users



2017
3.8B
51.7%

Penetration (% population)

Internet Users in the World by Regions - June 30, 2017

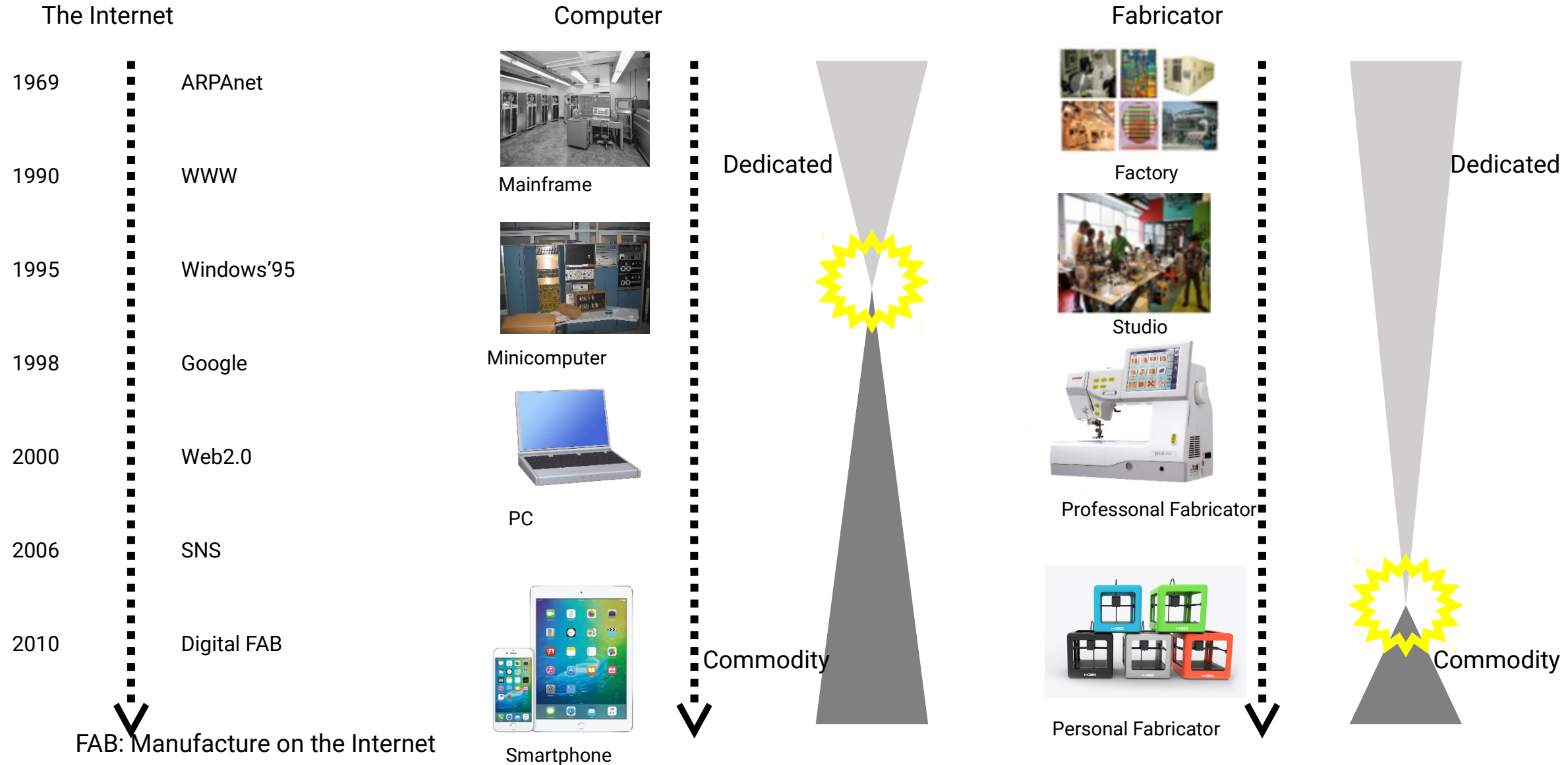


Source: Internet World Stats - www.internetworldstats.com/stats.htm

Basis: 3,885,567,619 Internet users in June 30, 2017

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Personal Fabrication on the Internet



PRINT



3D DATA



SCAN



Internet is for Everyone

‘We’ to Everyone

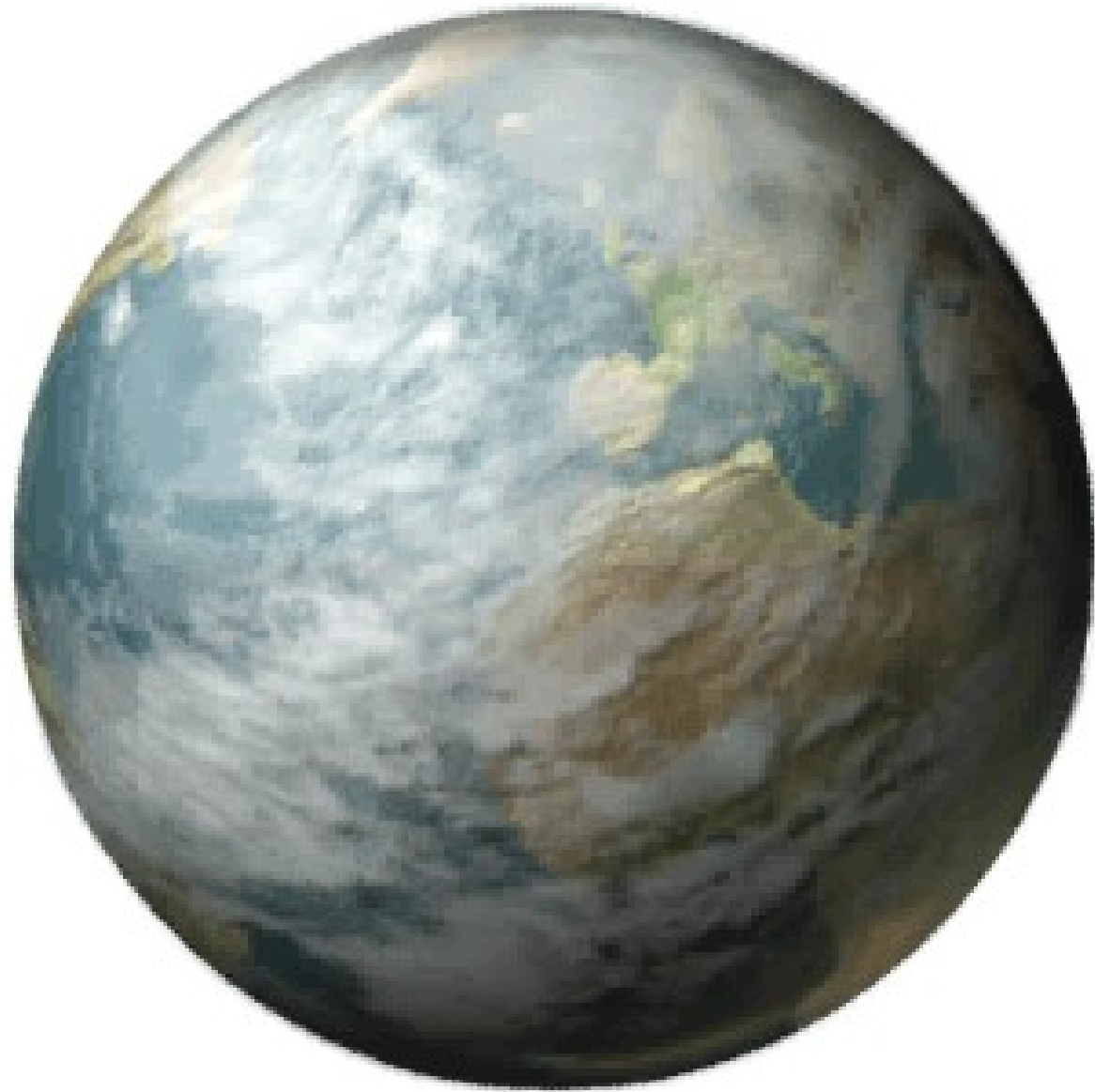
Everyone and Everything

‘We’ are for Everyone and Everything

No Areas of Life
without the Internet

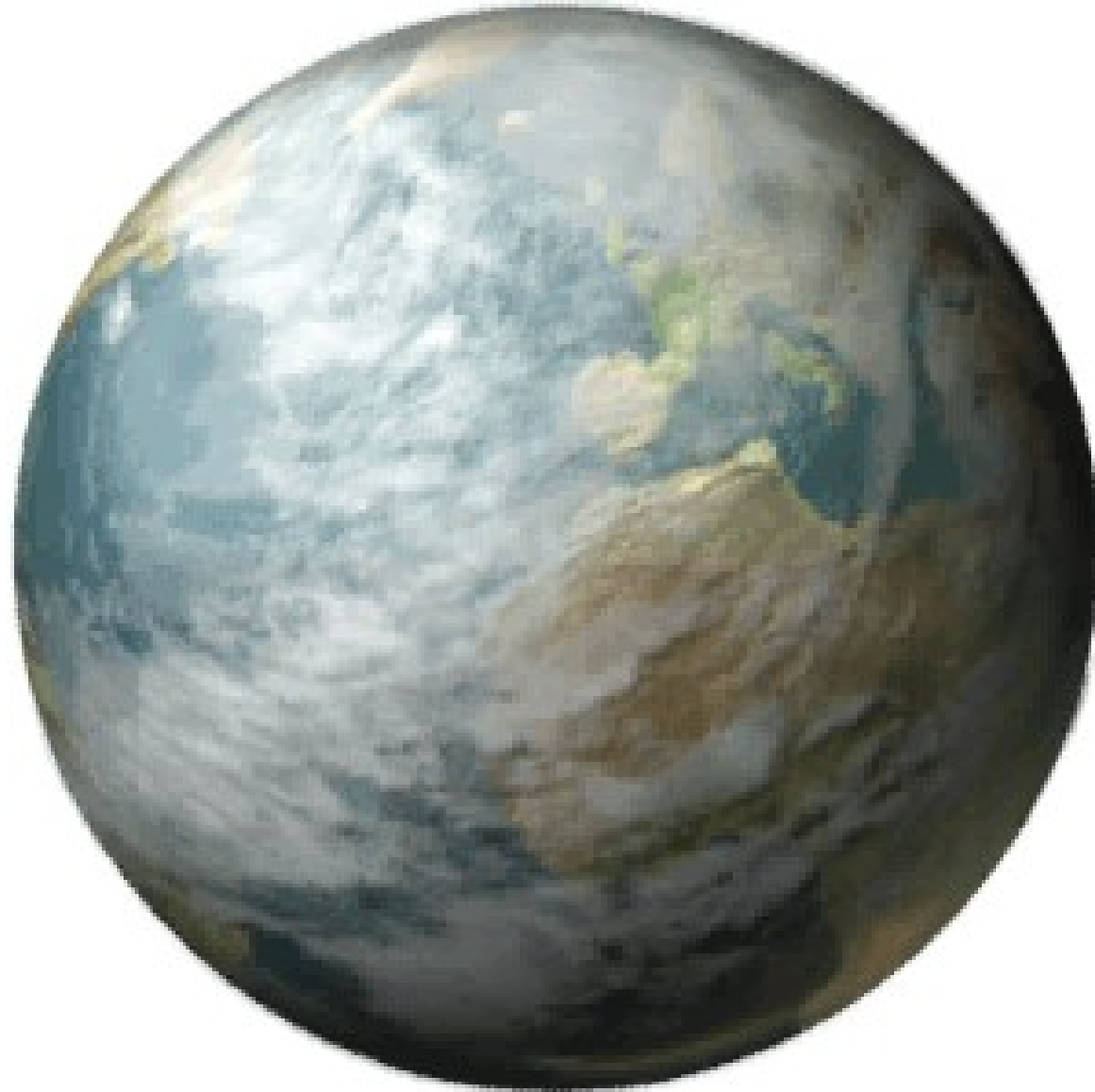
Continue Technical Challenges

For this Planet





Technology For this Planet



Do not Politicize the Internet