

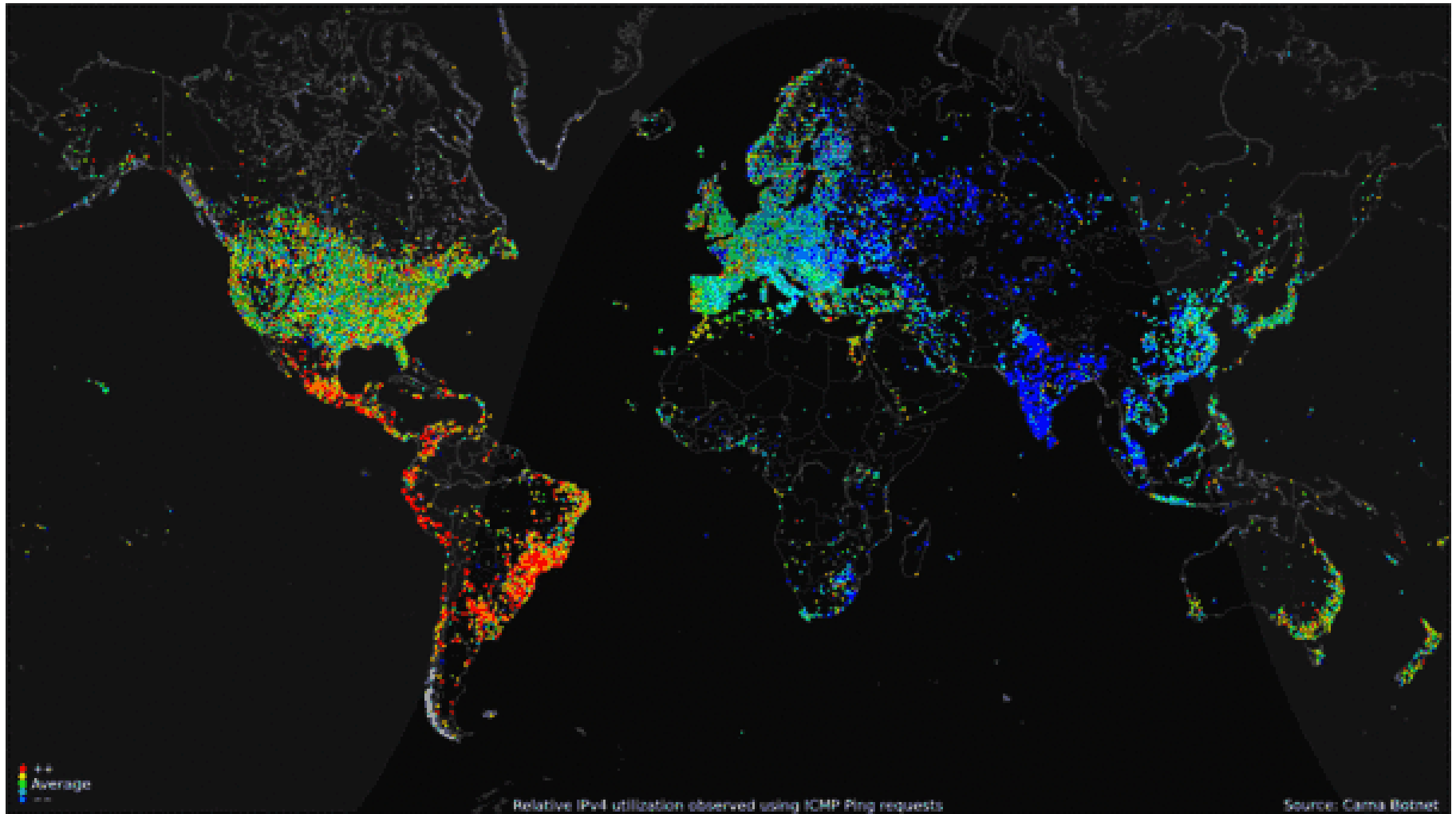
# Introduction to the dimensions of digitalisation

Module 2.2:  
Deep Dive: The digital divide

# Agenda

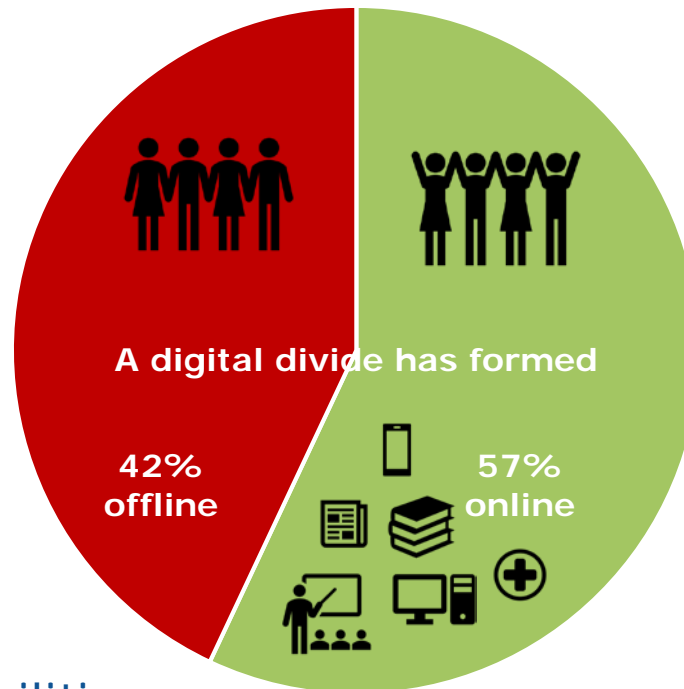
## **Module 2.2: Deep Dive – The digital divide**

- Introduction and Status Quo: The digital divide



# The Digital Divide(s)

Still ~3.5 billion people do not use the internet

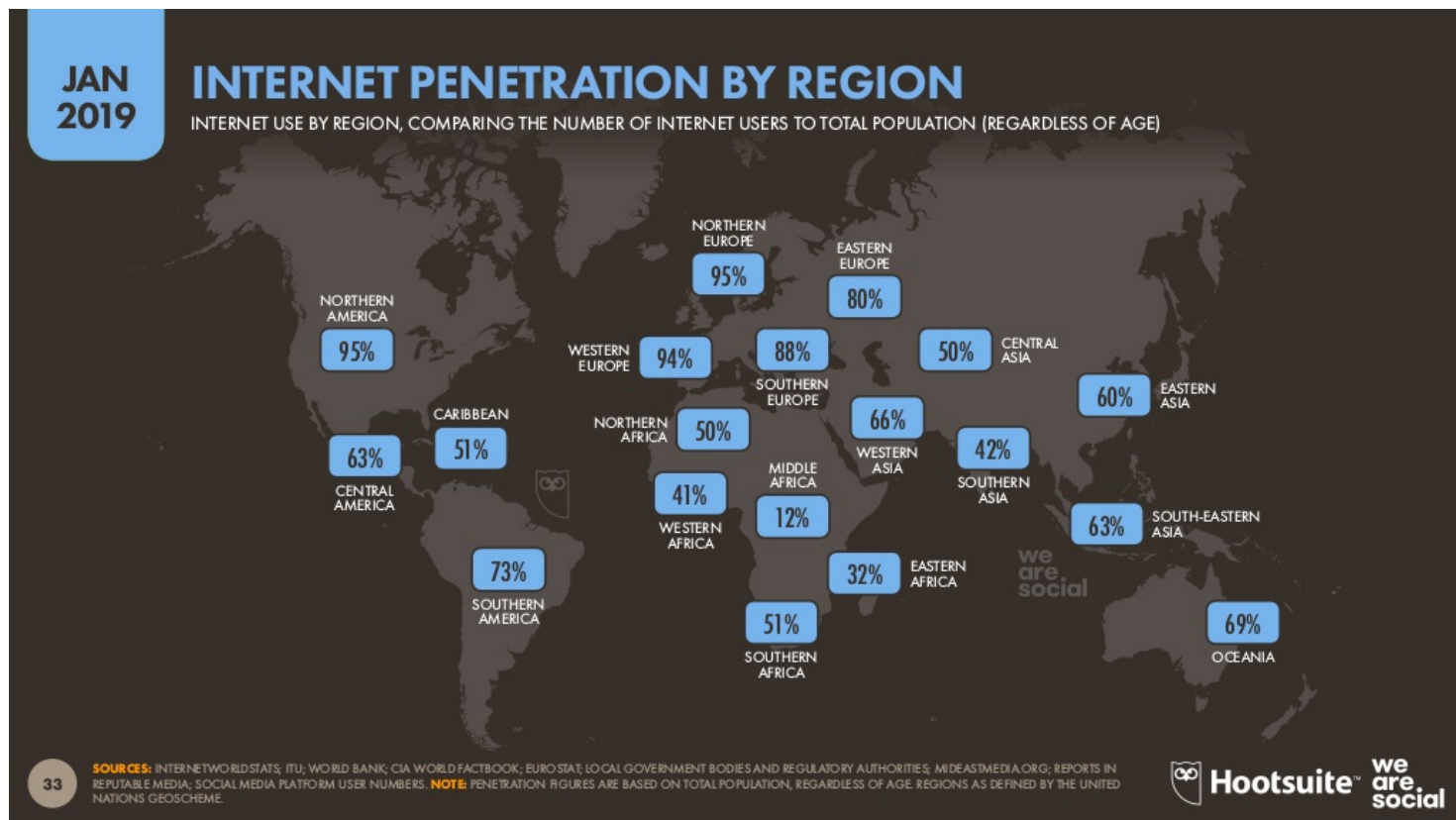


No access  
= no access to possibilities  
= falling behind even further

access  
= access to benefits  
= faster development

# The Digital Divide(s)

by region



# The Digital Divide(s)

by selected countries

JAN  
2019

## INTERNET PENETRATION RANKING

BASED ON INTERNET PENETRATION IN COUNTRIES / TERRITORIES WITH POPULATIONS OVER 50,000

#	HIGHEST PENETRATION	%	NO. OF USERS	#	LOWEST PENETRATION	%	NO. OF USERS
01=	ANDORRA	99%	76,242	216	NORTH KOREA	0.08%	20,000
01=	ARUBA	99%	104,803	215	ERITREA	1.4%	71,000
01=	BERMUDA	99%	60,342	214	CHAD	5.0%	779,188
01=	ICELAND	99%	335,781	213	CENTRAL AFRICAN REP.	5.4%	256,432
01=	QATAR	99%	2,692,181	212	BURUNDI	5.4%	617,116
01=	U.A.E.	99%	9,515,733	211	DEM. REP. OF CONGO	6.2%	5,301,224
07	NORWAY	99%	5,311,892	210	GUINEA-BISSAU	7.8%	150,000
08	DENMARK	98%	5,649,494	209	SOMALIA	9.7%	1,500,000
09	KUWAIT	98%	4,138,590	208	MADAGASCAR	9.8%	2,608,390
10	LUXEMBOURG	98%	580,760	207	NIGER	10%	2,325,421

# The Digital Divide

North

South



# The Digital Divide

North  
Urban  
Young  
Rich  
Male

South  
Rural  
Old  
Poor  
female





# The Digital Divide

North  
Urban  
Young  
Rich  
Male

South  
Rural  
Old  
Poor  
female

What are  
the  
barriers?

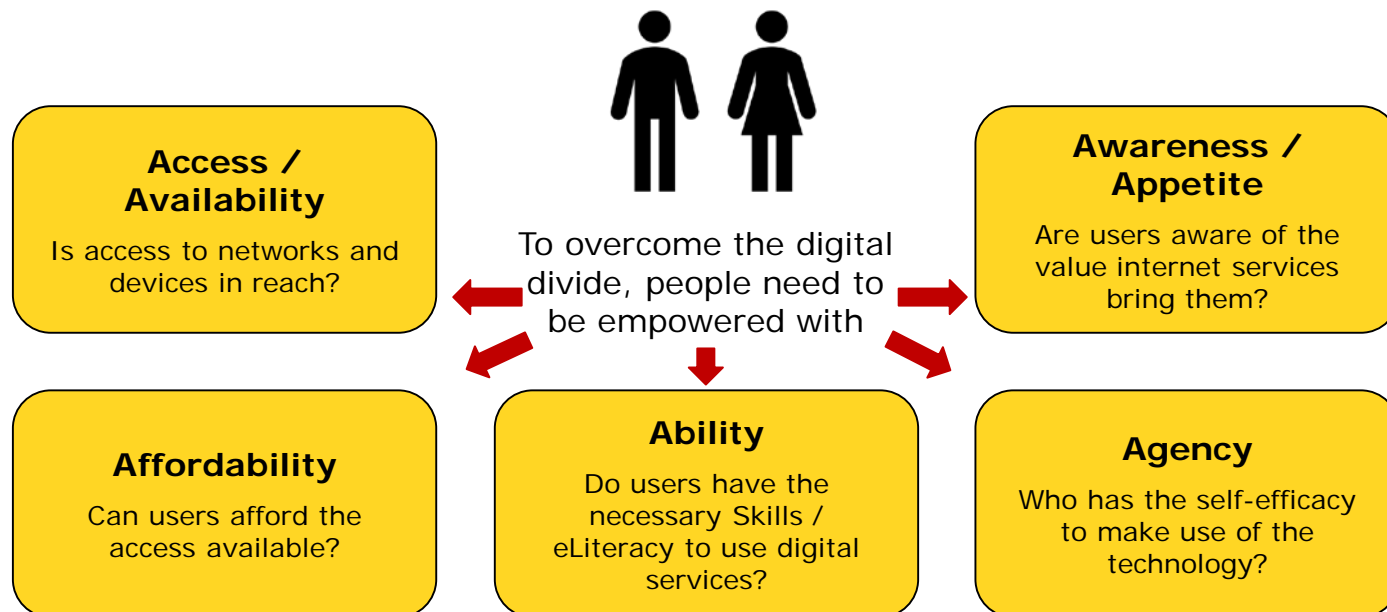


# The Digital Divide(s)

## Barriers to internet use

Five barriers (As) to internet use have been identified – Digital Divide is „**not binary**“

- Not only **access** to ICT and its **cost** presents a barrier to internet adoption
- **Capabilities**, **awareness** or **prejudices** pose barriers as significant



# The Digital Divide

North  
Urban  
Young  
Rich  
Male

What are the  
consequences  
for your work?

South  
Rural  
Old  
Poor  
female

Access  
Affordability  
Awareness  
Ability  
Agency

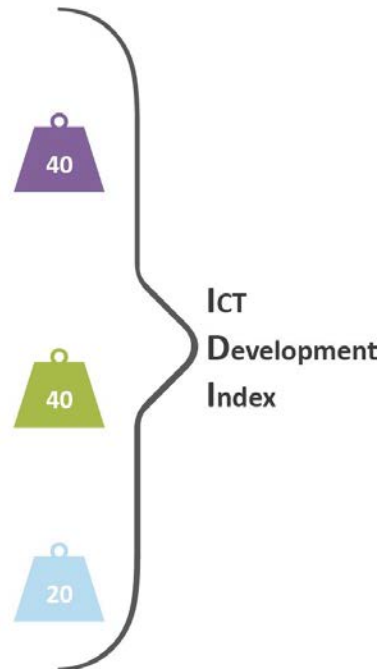


# The Digital Divide

## Measuring Digital readiness

The ITU Digital ICT Development Index (IDI)

ICT access	Reference value	(%)
1. Fixed-telephone subscriptions per 100 inhabitants	60	20
2. Mobile-cellular telephone subscriptions per 100 inhabitants	120	20
3. International Internet bandwidth (bit/s) per internet user	2'158'212*	20
4. Percentage of households with a computer	100	20
5. Percentage of households with Internet access	100	20
ICT use	Reference value	(%)
6. Percentage of individuals using the Internet	100	33
7. Fixed-broadband subscriptions per 100 inhabitants	60	33
8. Active mobile-broadband subscriptions per 100 inhabitants	100	33
ICT skills	Reference value	(%)
9. Mean years of schooling	15	33
10. Secondary gross enrolment ratio	100	33
11. Tertiary gross enrolment ratio	100	33



# We need you to



➤ Use the tools that work

➤ Decrease the digital divide