

Internet Infrastructure and Pricing

Enabling affordability for inclusive development

Eleanor Sarpong

Policy and Advocacy Lead

Alliance for Affordable Internet

eleanor.sarpong@webfoundation.org

What is A4AI?



We are the
world's broadest technology sector alliance
working to
drive down the price of broadband
by
transforming policy and regulatory
frameworks.

Direct support & action: Where are we working?



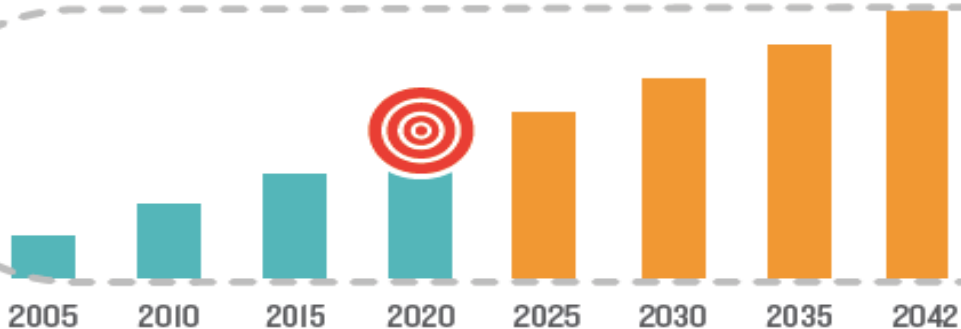
Internet access around the globe



IN SEPTEMBER 2015, WORLD LEADERS
AGREED ON A NEW GLOBAL GOAL

**AFFORDABLE, UNIVERSAL INTERNET
ACCESS IN THE WORLD'S LEAST
DEVELOPED COUNTRIES BY 2020**

**ON CURRENT TRENDS, THE WORLD WILL
MISS THIS GOAL BY 22 YEARS**



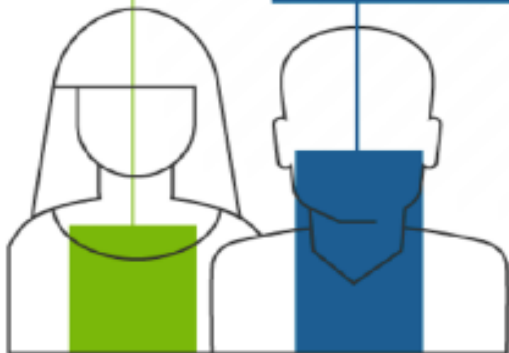
**4+ billion
people
still
offline
today**

Exploring the true extent of the gender digital divide (WRO, data2X)



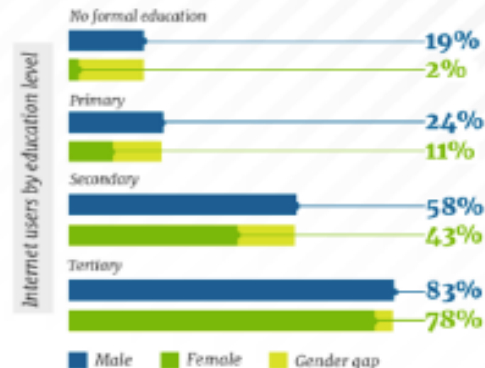
WOMEN ARE ABOUT 50% LESS LIKELY THAN MEN TO USE THE INTERNET IN POOR URBAN COMMUNITIES

37% of women we surveyed are Internet users vs. **59%** of men.



Women who are **politically active offline** are **twice** as likely to use the Internet.

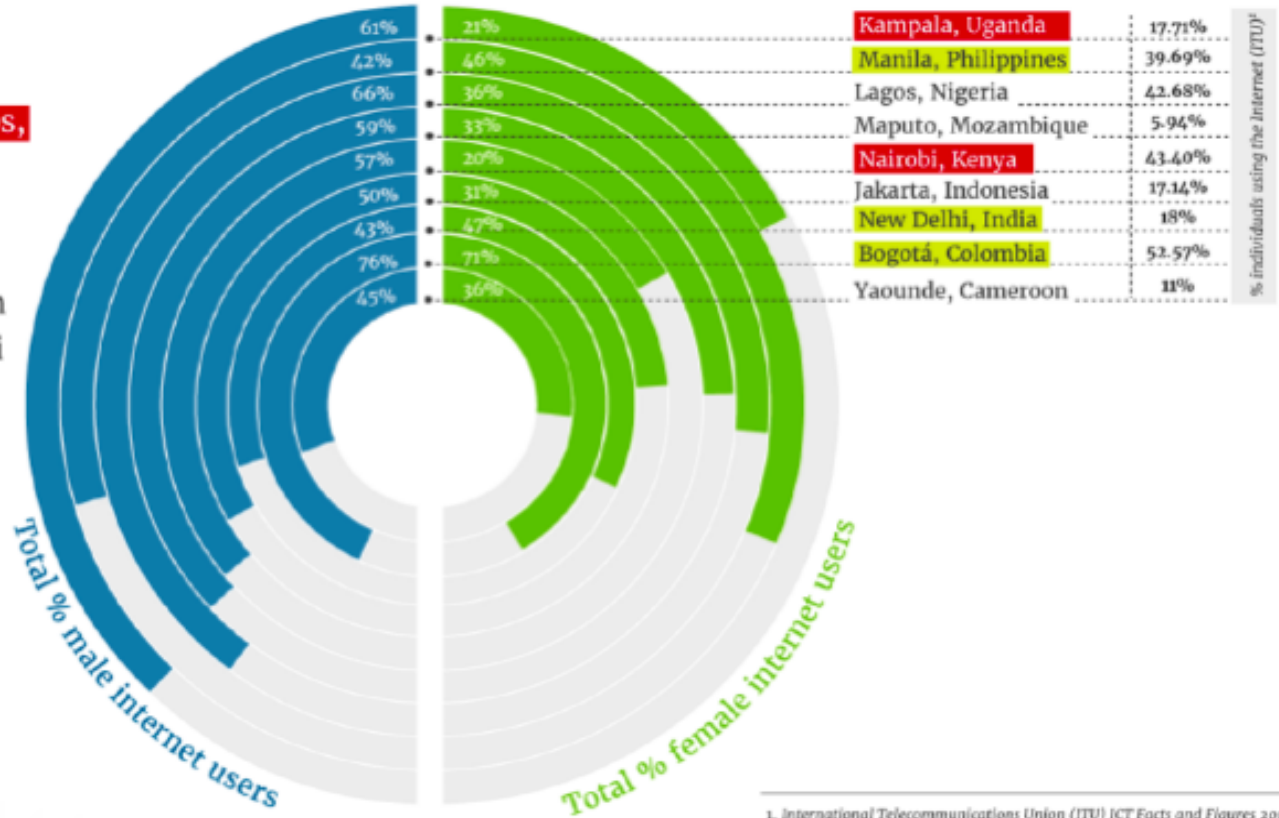
Access to higher education **narrows** the gender gap in Internet access



What is the gender gap in access?



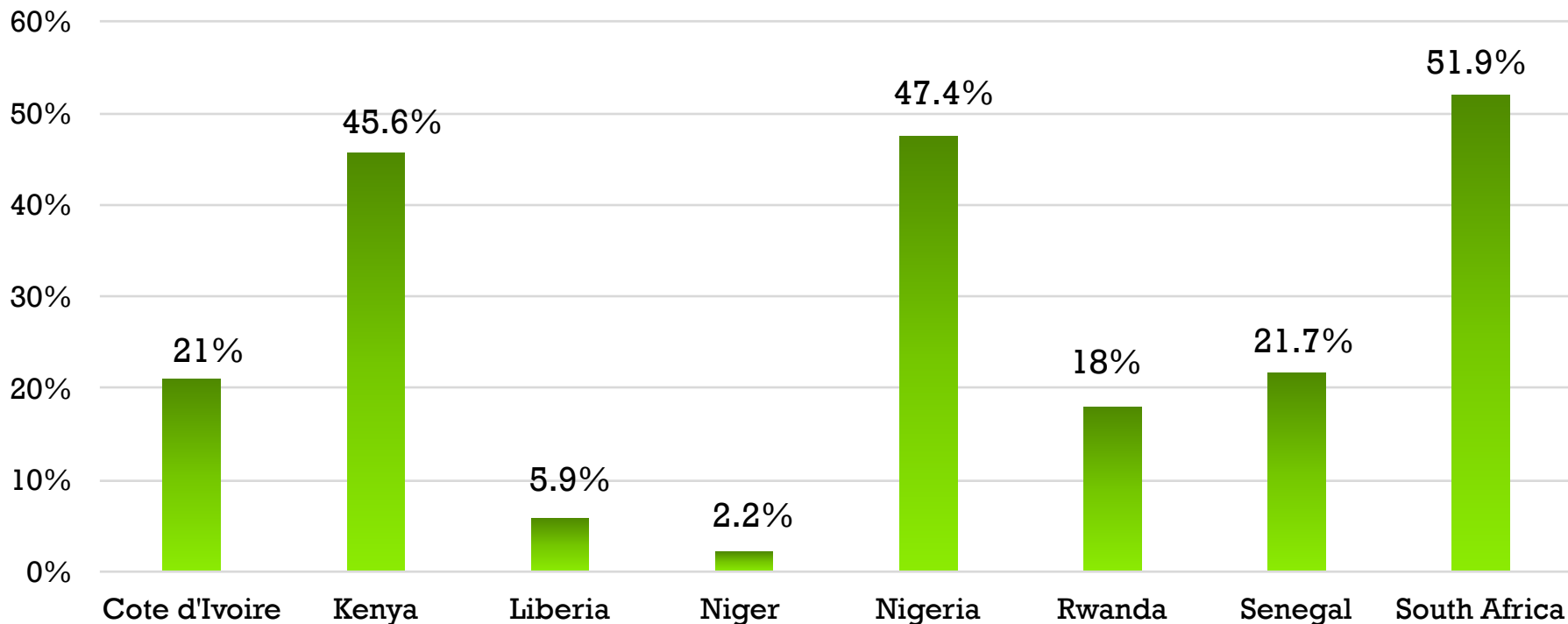
Kampala and Nairobi have the **widest gender gaps**, while **almost the same** number of men and women use the Internet in Manila, New Delhi and Bogota.



Internet use across Africa



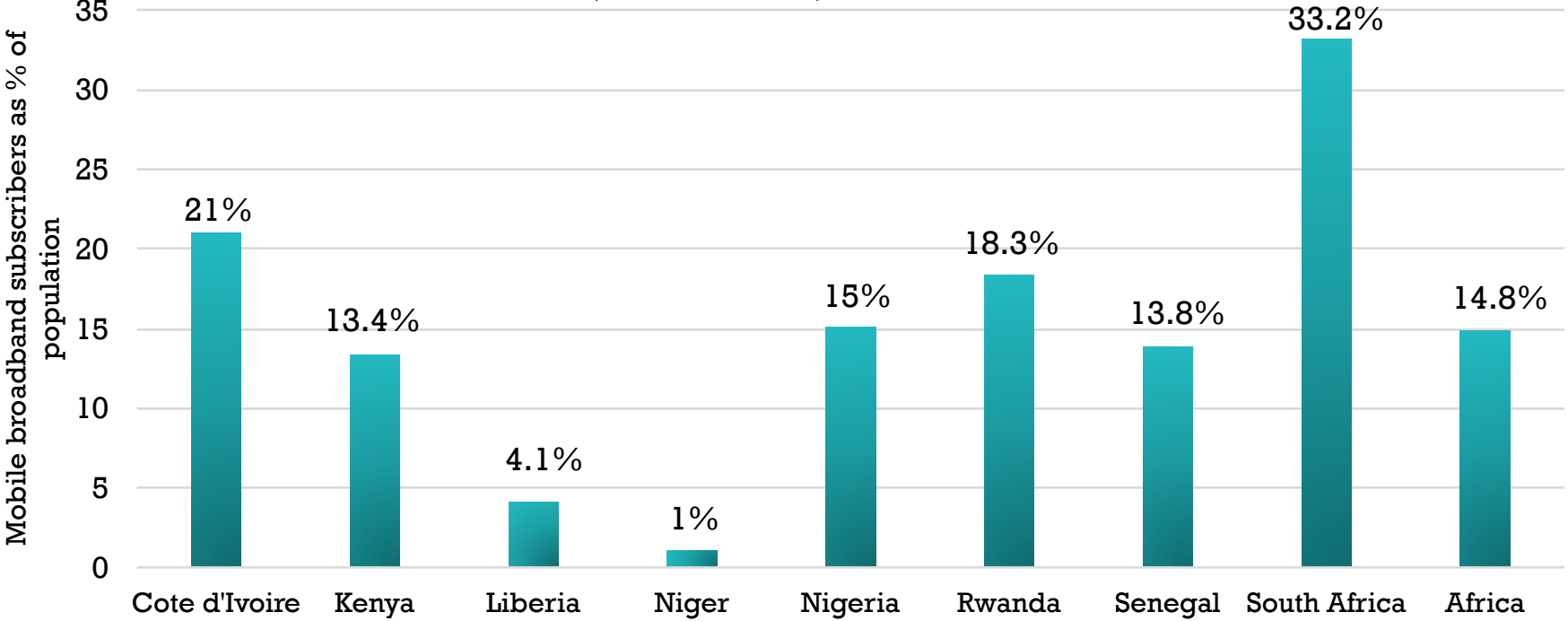
Individuals using the internet



Mobile broadband penetration in Africa (Q3 2016)



Unique mobile broadband subscribers (Q3 2016)



What is the state of affordability?



The high cost to connect is excluding billions from the digital revolution

Over half the world's population is still offline

111 countries have met the UN affordability target of basic broadband priced at 5% or less of average monthly income

YET

Just

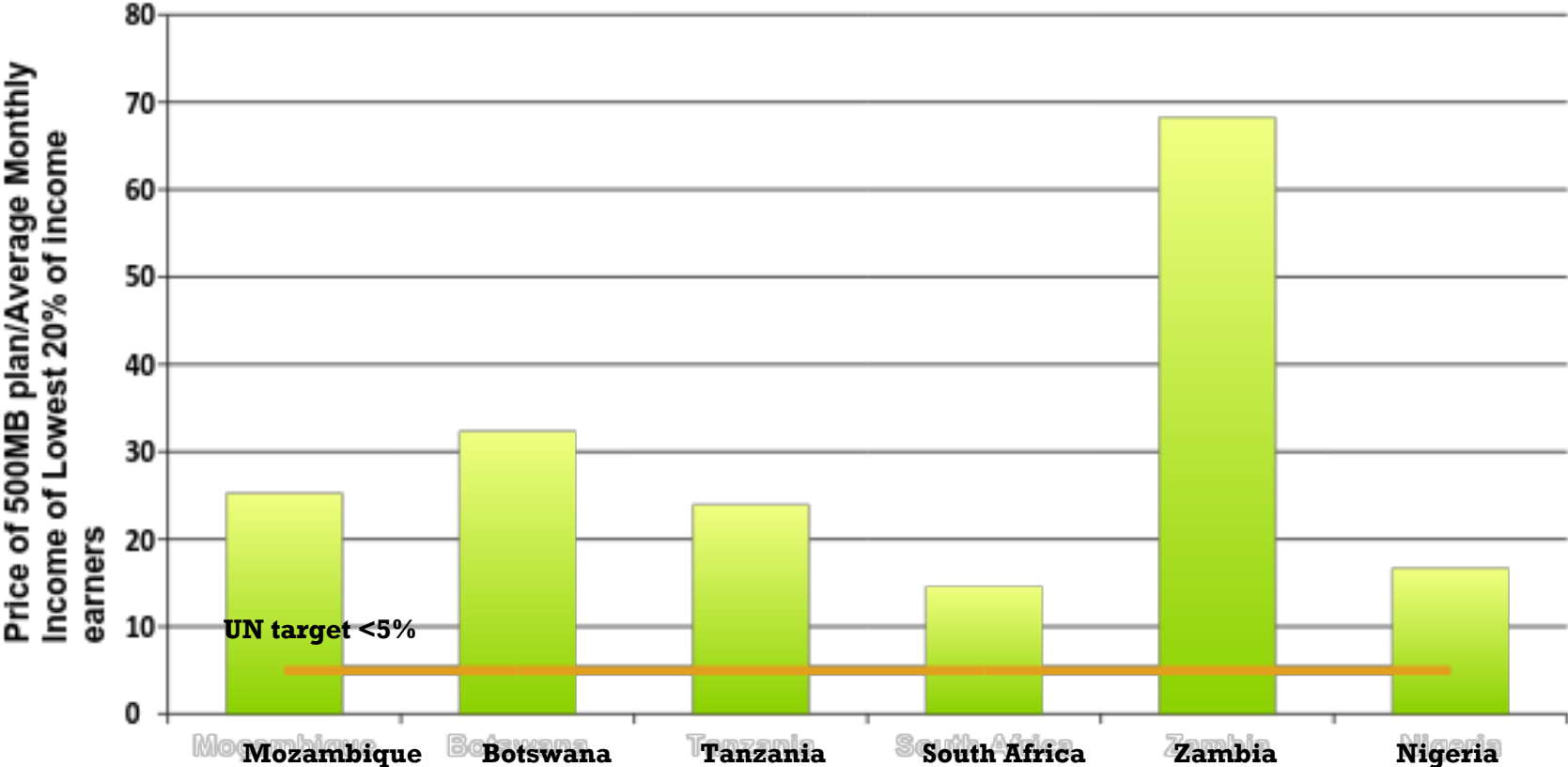
9 countries

meet this target for the bottom 20% of income earners

0 countries

meet this target for those living in poverty

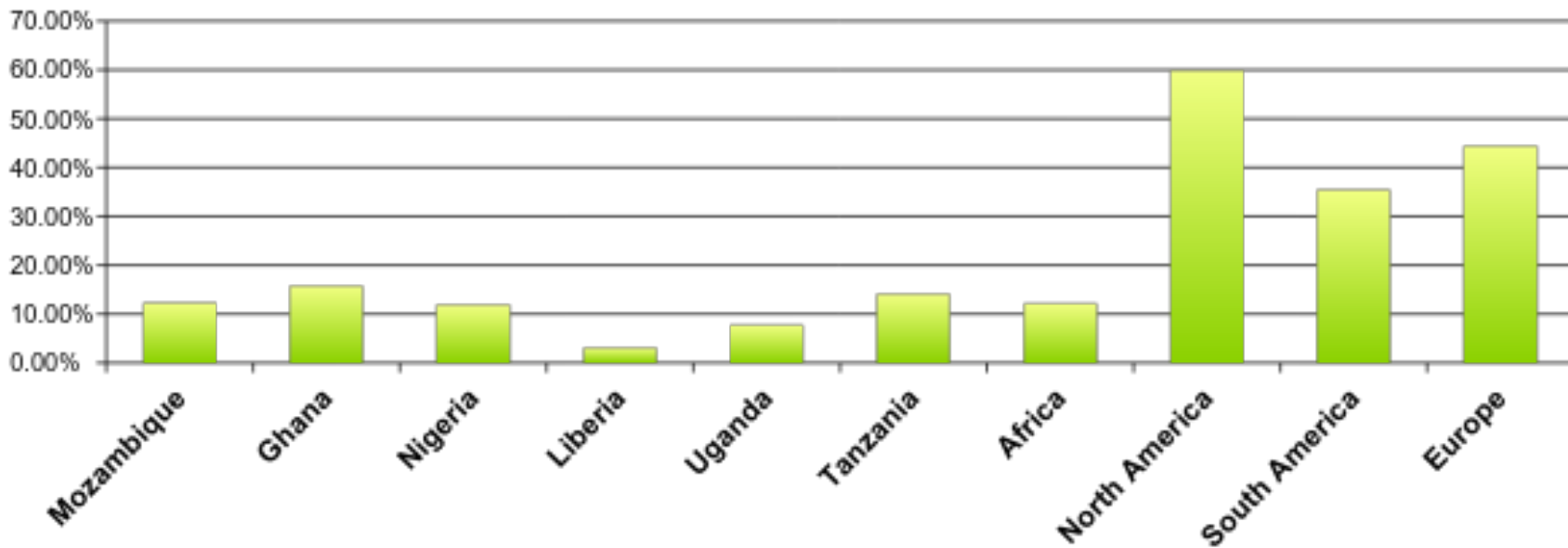
Accessibility: The price of a broadband for lowest 20% of income earners



What about device costs?

- If we consider a smartphone of around US\$50 then on average 20% of the population can no longer afford the phone + data

Mobile Broadband Penetration :
Unique subscribers of mobile broadband as a % of population



Factors that affect affordability



- Infrastructure cost.
(Duplication of infrastructure)
–*Wireless/wireline*
- Spectrum
- End user device cost
- Lack of demand driven initiatives –(*E-services, Content*)
- Earning potential – power
- Taxation



Public consultation workshop on infrastructure Sharing in Ghana- 25th October 2016

What action must we take to make universal access a reality?



Commit to a new “1 for 2” affordability target

1GB of mobile data priced at 2% or less of average monthly income

Prioritise & expand public access initiatives (USFs)

Critical to bringing connectivity to the most marginalized

Design policies with a gender focus

Closing the digital gender gap will require policies to reduce barriers for women

Integrated approach to policymaking

balanced policies: Demand/supply; regulation/competition



Thank you!

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@A4AI_internet

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@ellasarpong