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http://projectdiaspora.org

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The Empowered Billion

technology + media in Africa

he exploding internet
2008

Internet traffic is growing by about 50 per cent annually, with video and music streaming rising fastest. At the same time, the web is becoming divided along language lines

By 2012, Asian web surfers, including about 490 million Chinese, will outnumber North Americans by 3 to 1 and Indians will become the third-largest group online. Tomorrow's web will probably be dominated by a mixture of the English, Mandarin, Hindi, Portuguese and Russian languages

Percentage of the world's internet users

Percentage of the country's population using the intern

Internet traffic by application

Web 45%

Email 6%

of 210 billion emails sent daily in 2008
78% spam

P2P 25%

US
Number of internet users
220,000,000
15%
72.5%

UK
Number of internet users
43,200,000
2.9%
69%

Germany
Number of internet users
52,500,000
3.6%
64%

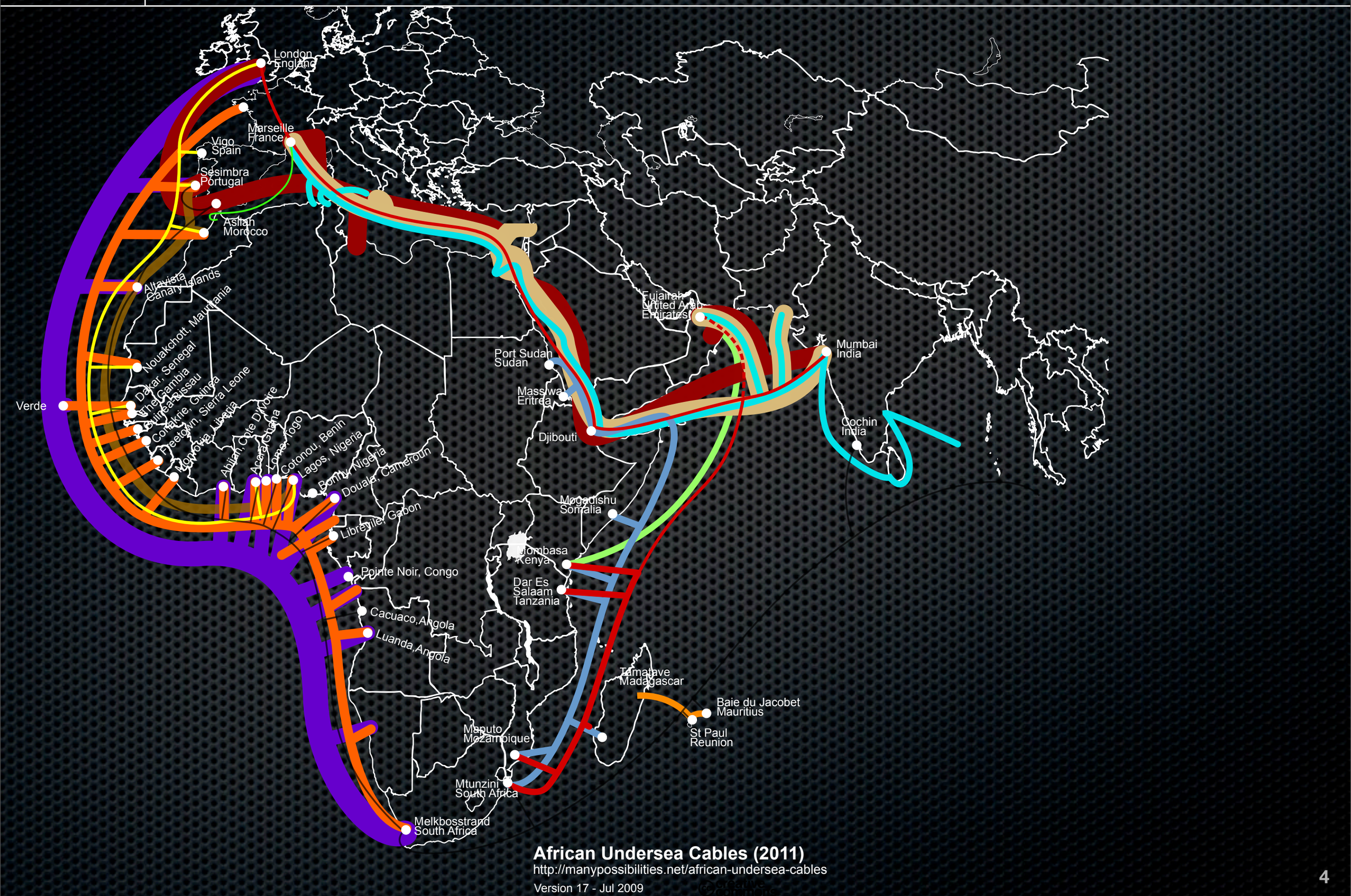
China
Number of internet users
253,000,000
17%
19%

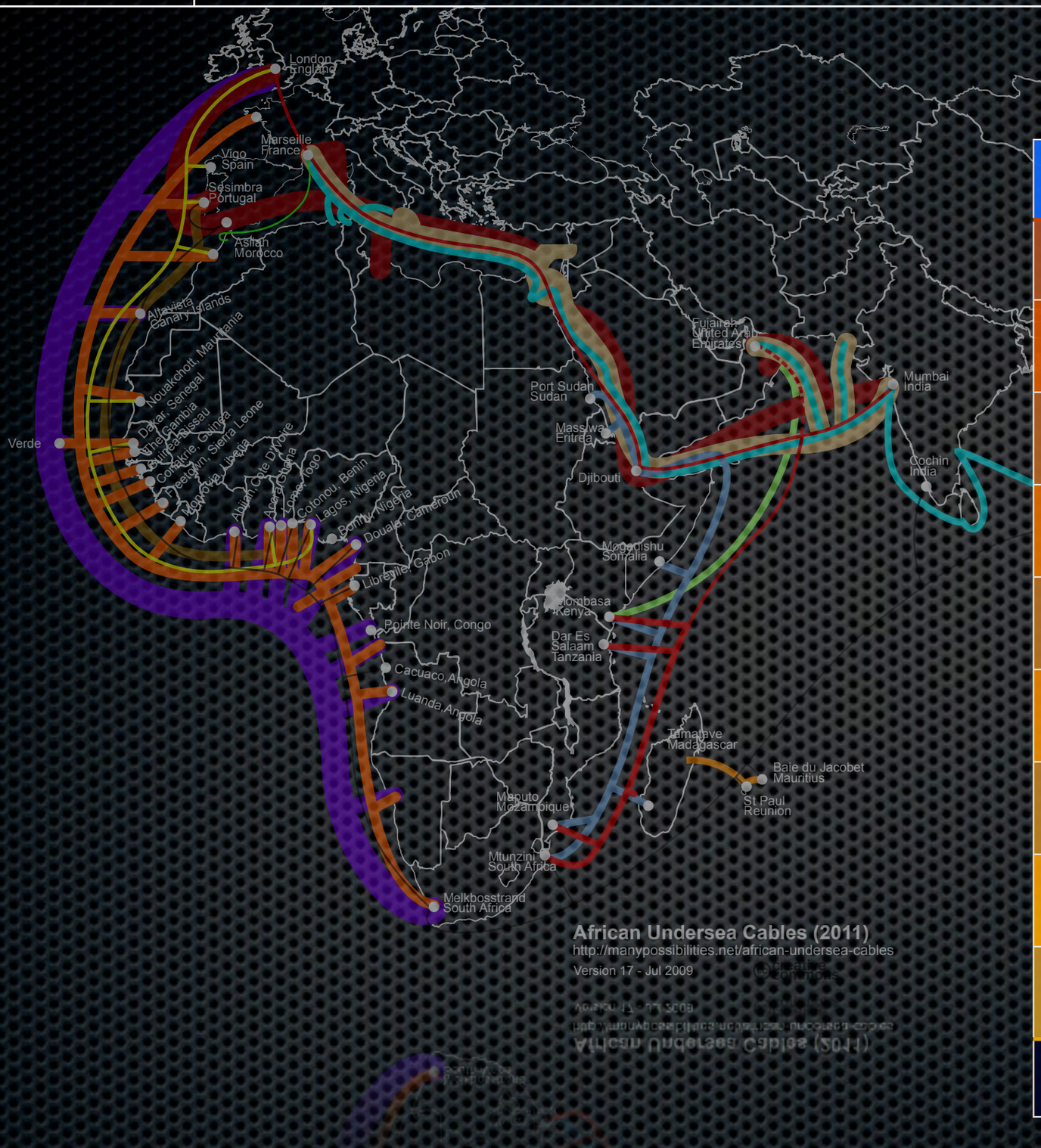
Japan
Number of internet users
94,000,000
6.4%
74%

India
Number of internet users
60,000,000
5.2%
4%

Brazil
Number of internet users
67,500,000
3.4%
26%

In 2008 e-commerce spending was
$6.8 trillion = ~15% Global GDP


London England
Marseille France
Vigo Spain
Sesimbra Portugal
Asilah Morocco
Altavista Canary Islands
Nouakchott, Mauritania
Dakar, Senegal
The Gambia
Guinea-Bissau
Conakrie, Guinea
Freetown, Sierra Leone
Monrovia, Liberia
Abijan, Cote D'Ivoire
Accra, Ghana
Lome, Togo
Cotonou, Benin
Lagos, Nigeria
Bonny, Nigeria
Douala, Cameroun
Libreville, Gabon
Pointe Noir, Congo
Cacuaco, Angola
Luanda, Angola
Melkbosstrand South Africa
Mtunzini South Africa
Maputo Mozambique
Port Sudan Sudan
Massawa Eritrea
Djibouti
Mogadishu Somalia
Mombasa Kenya
Dar Es Salaam Tanzania
Fujairah United Arab Emirates
Mumbai India
Cochin India
Tamatave Madagascar
Baie du Jacobet Mauritius
St Paul Reunion
Verde
African Undersea Cables (2011)
http://manypossibilities.net/african-undersea-cables
Version 17 - Jul 2009
Creative Commons



Sub-Saharan Cables	Gigabits
SAT3/SAFE	340
TEAMS	1280
SEACOM	1280
Lion	1300
EASSy	1400
ACE	1920
MaIN OnE	1920
GLO-1	2500
WACS	5120
Total Designed Cap.	**17060**

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One Billion Strong

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One Billion Strong

1,000,000,000

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One Billion Strong

1,000,000,000

53 countries

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One Billion Strong

"the cheetah generation"

George B.N. Ayittey

Total Africa Under 15 US Population

Mobile Subscriptions

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Mobile Subscriptions

450,000,000

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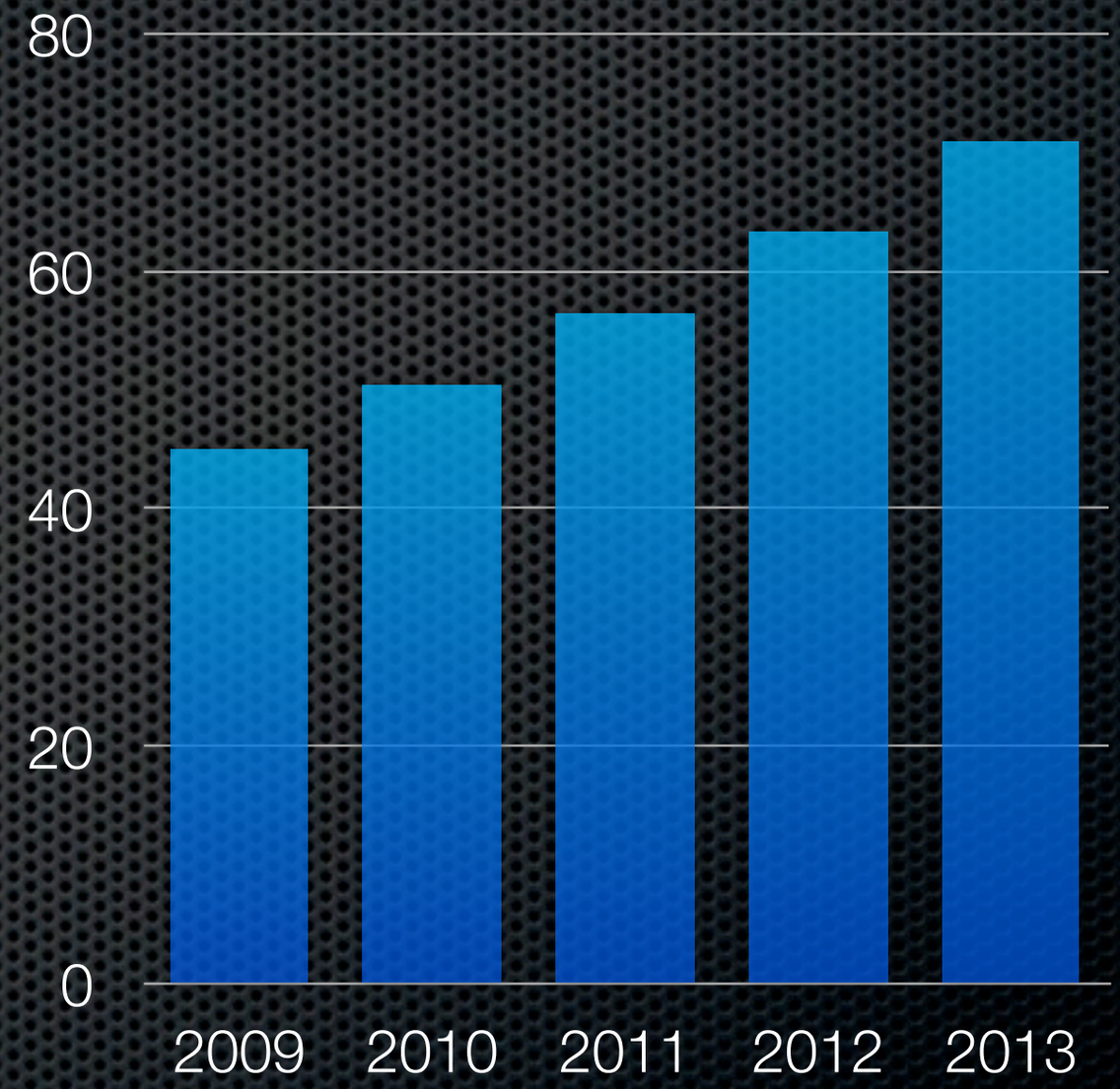
Mobile Subscriptions

450,000,000

Mobile Subscribers



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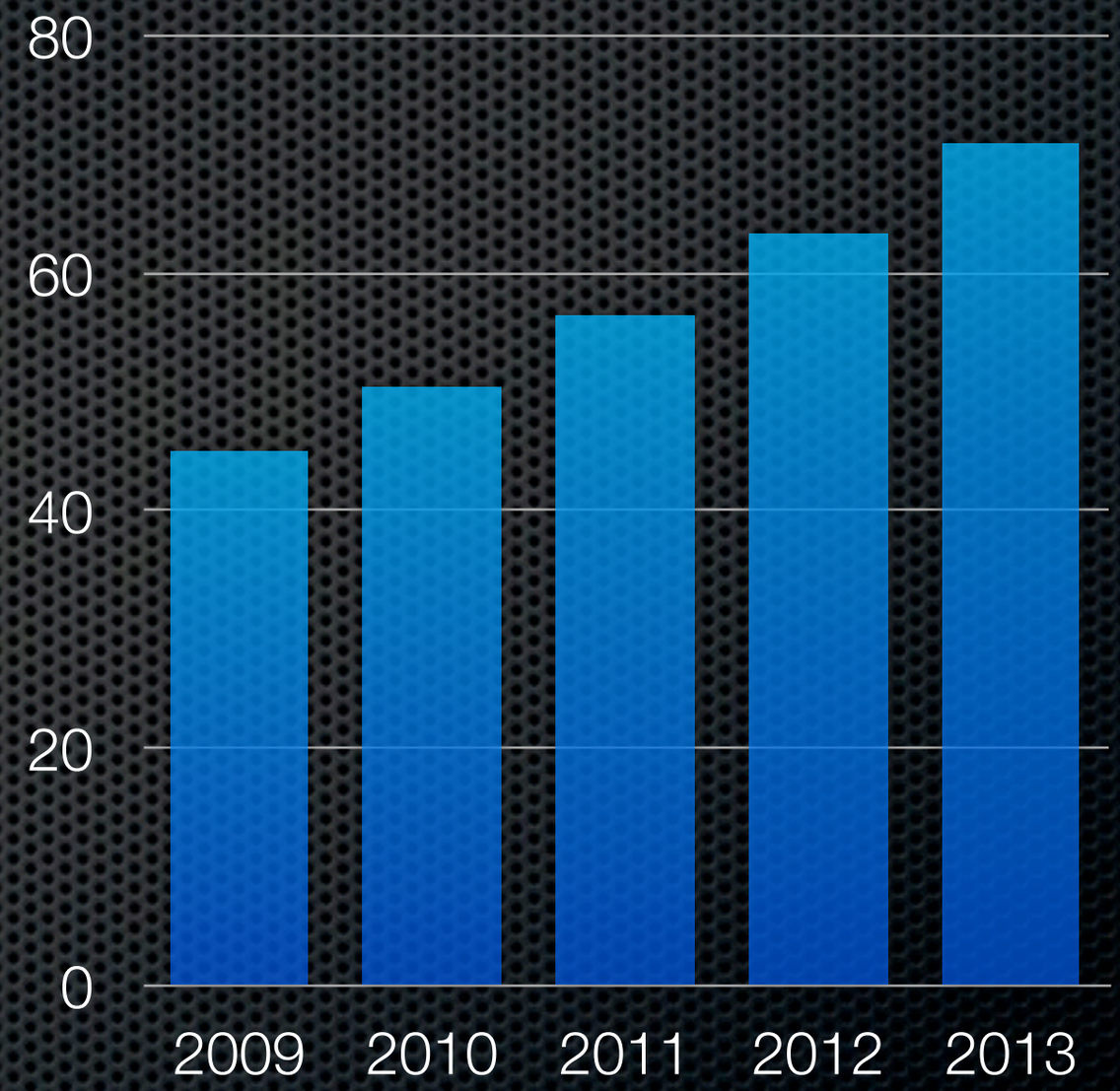
Mobile Subscriptions

450,000,000

Mobile Subscribers

12% growth through 2013



Online Participation

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Online Participation

67,000,000

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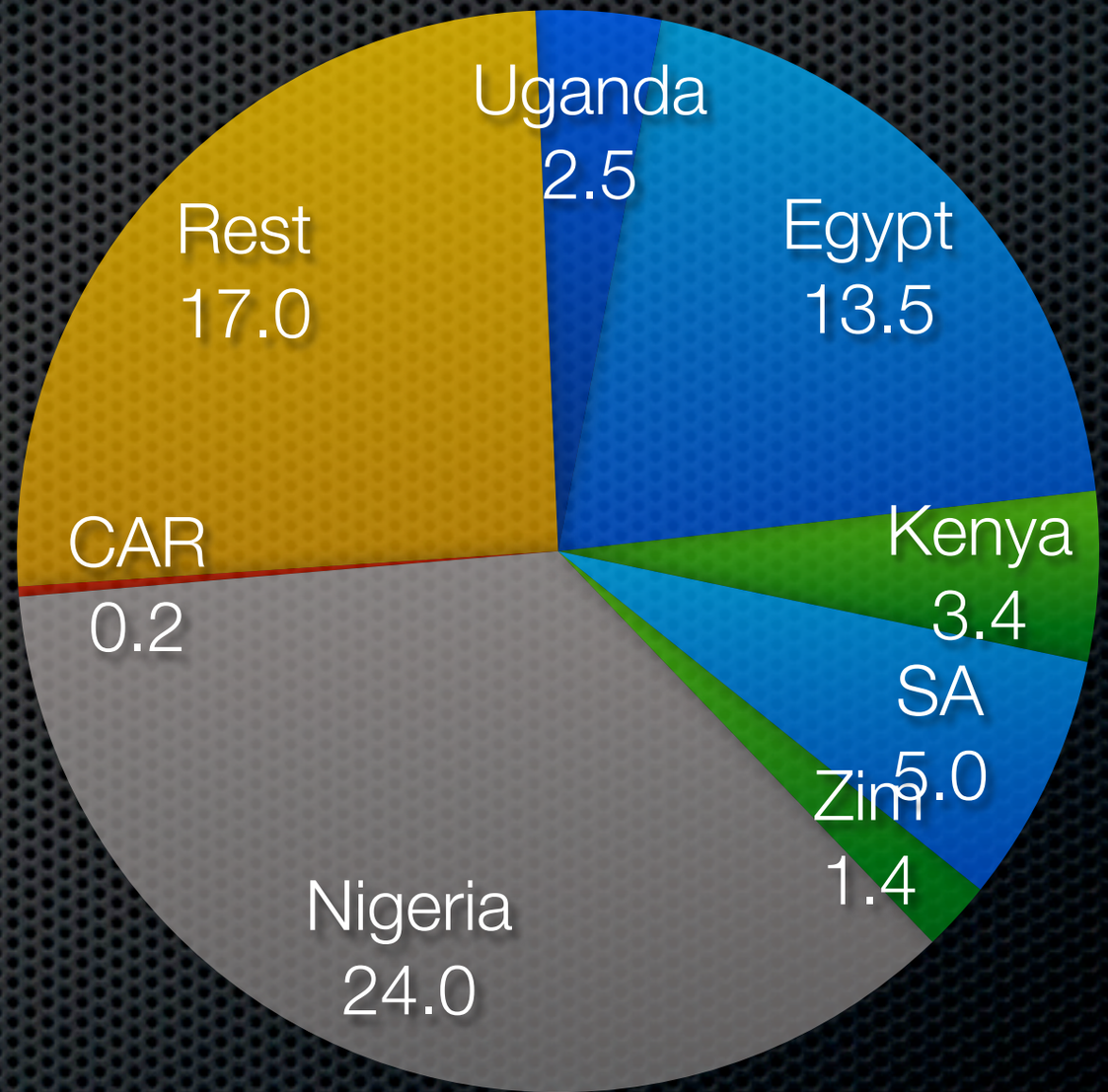
Online Participation

67,000,000

Africans on internet



SA Zim Nigeria CAR Rest Uganda Egypt Kenya

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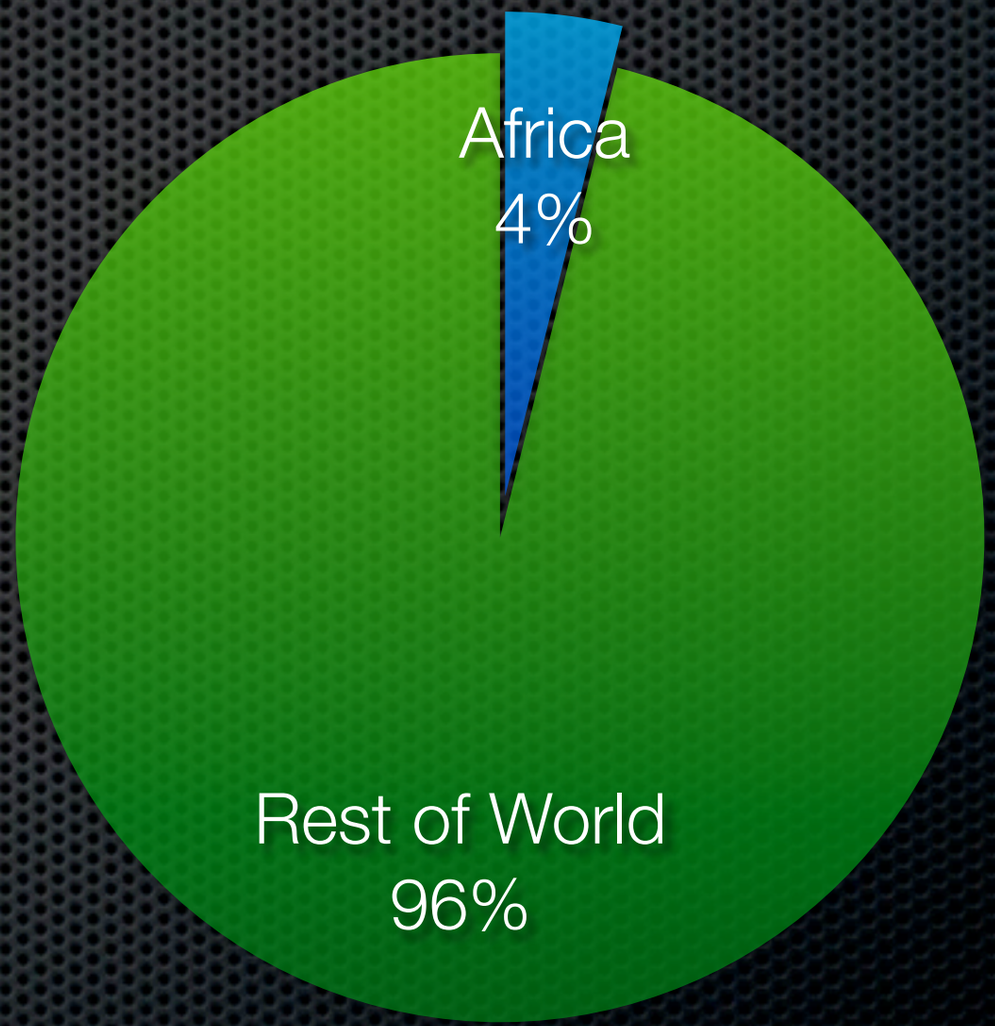
Online Participation

67,000,000

Africans on internet

3.9%

Of global internet traffic



The Connected Palm

The Connected Palm

Within 5 years, the device in the palm of your hand...

The Connected Palm

Within 5 years, the device in the palm of your hand... is going to be indistinguishable from a laptop by functionality

-Brian Herlihy

SEACOM CEO

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The Connected Palm

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The Connected Palm

Cameroon

Egypt

Guinea

Ivory Coast

Niger

Mauritius

Uganda

South Africa

Kenya

Mali

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Innovation & Incubation Labs

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Innovation & Incubation Labs

Appfrica Labs

Uganda

Limbe Labs

Cameroon

Banta Labs

Senegal

iHub

Kenya

Connectivity in action

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SHUTTLEWORTH FOUNDATION

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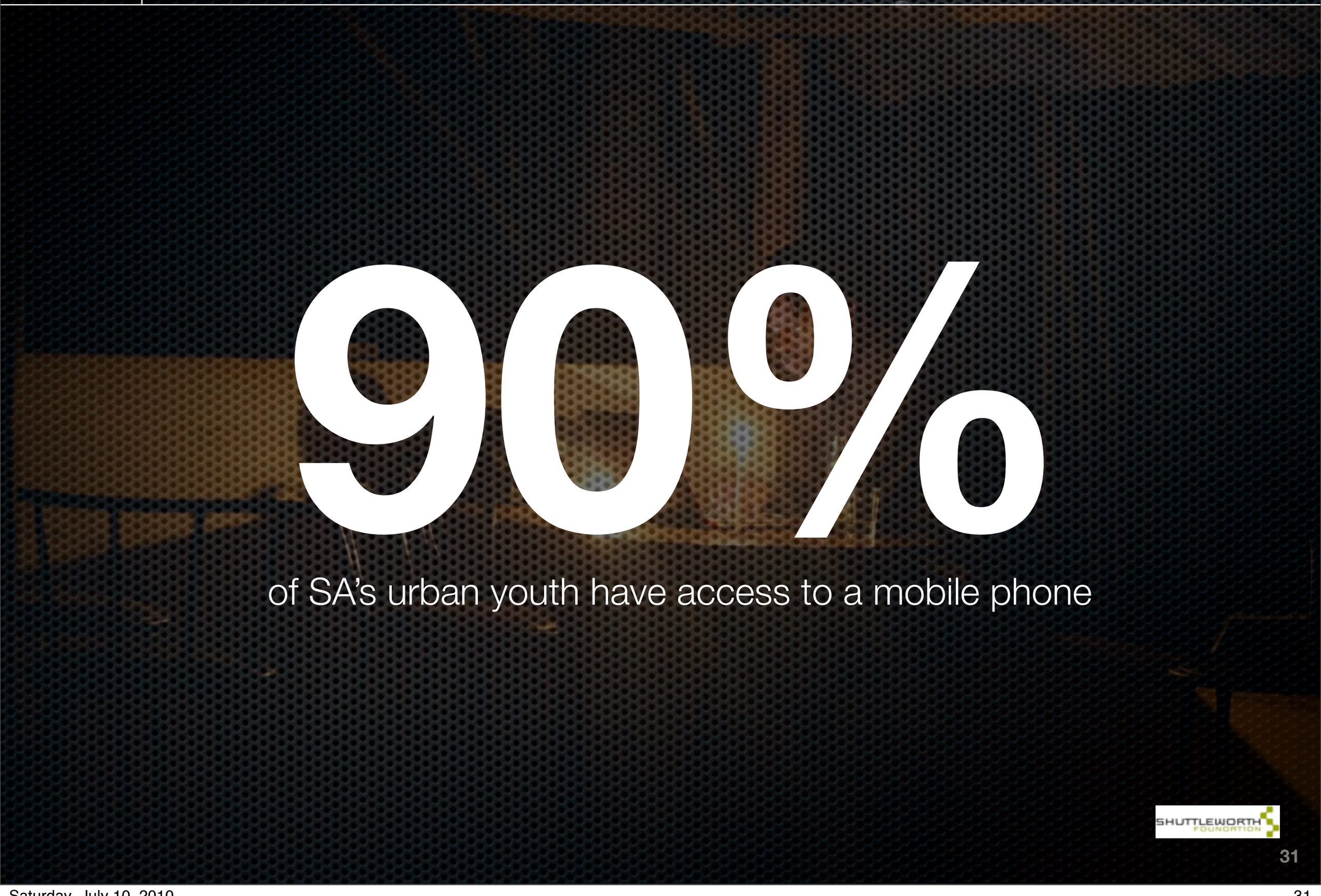
Connectivity in action



SHUTTLEWORTH FOUNDATION

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Connectivity in action

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Connectivity in action

- 10,000 reads
- 300 comments
- 1,500 ideas submitted

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Connectivity in action

photocredit:http://bop.nppa.org

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Connectivity in action

Crowdsourcing Journalism

Rise of participatory citizen reporting

photocredit:http://bop.nppa.org

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Connectivity in action

Crowdsourcing Journalism

Rise of participatory citizen reporting

The Ushahidi Platform allows anyone to gather distributed data via SMS, email or web and visualize it on a map or timeline.

photocredit:http://bop.nppa.org

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Connectivity in action

Al Jazeera

Vote Report India

Haiti

Ushahidi
crowdsourcing crisis information

Kenya

Congo

Sudan Vote Monitor

Atlanta Crime Maps

Wildlife Trackers

Swineflu

Chile Earthquake

photocredit:http://bop.nppa.org

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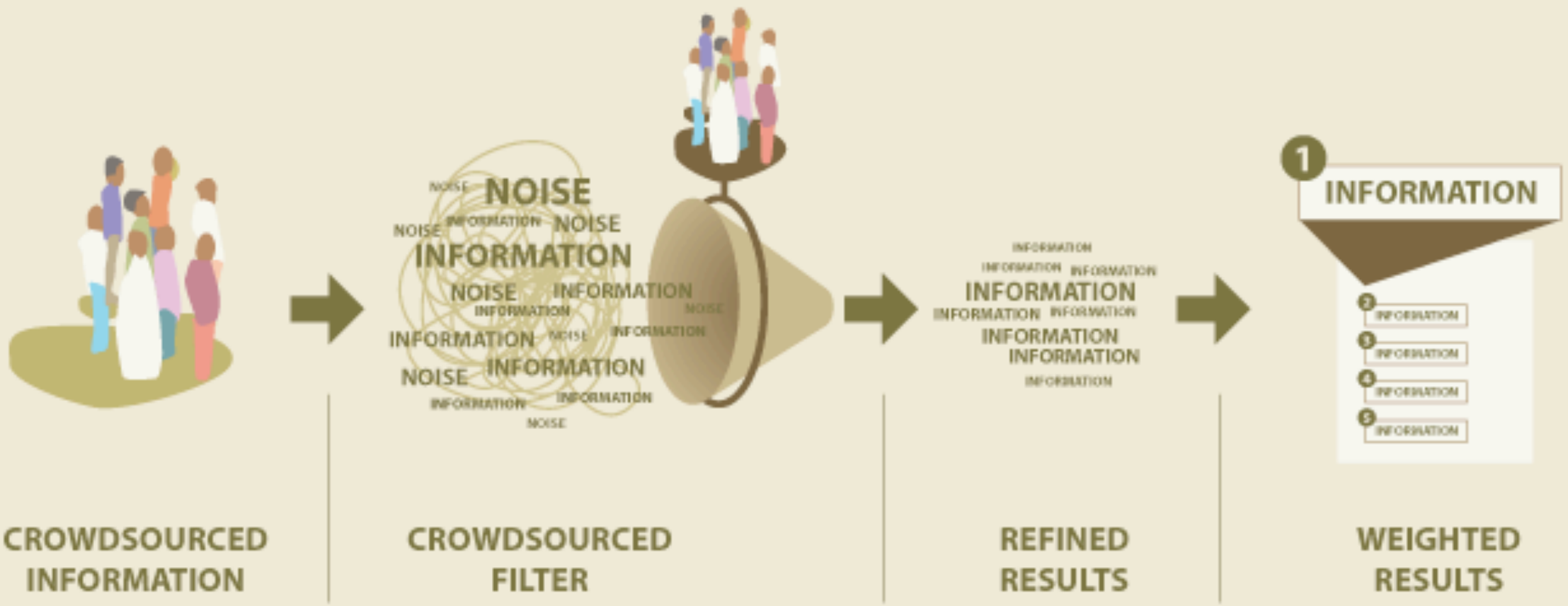
Connectivity in action

Ushahidi crowdsourcing crisis information + SwiftRiver = Citizen Journalism



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Connectivity in action

Citizen Journalism ... the 2009 Kampala Riots

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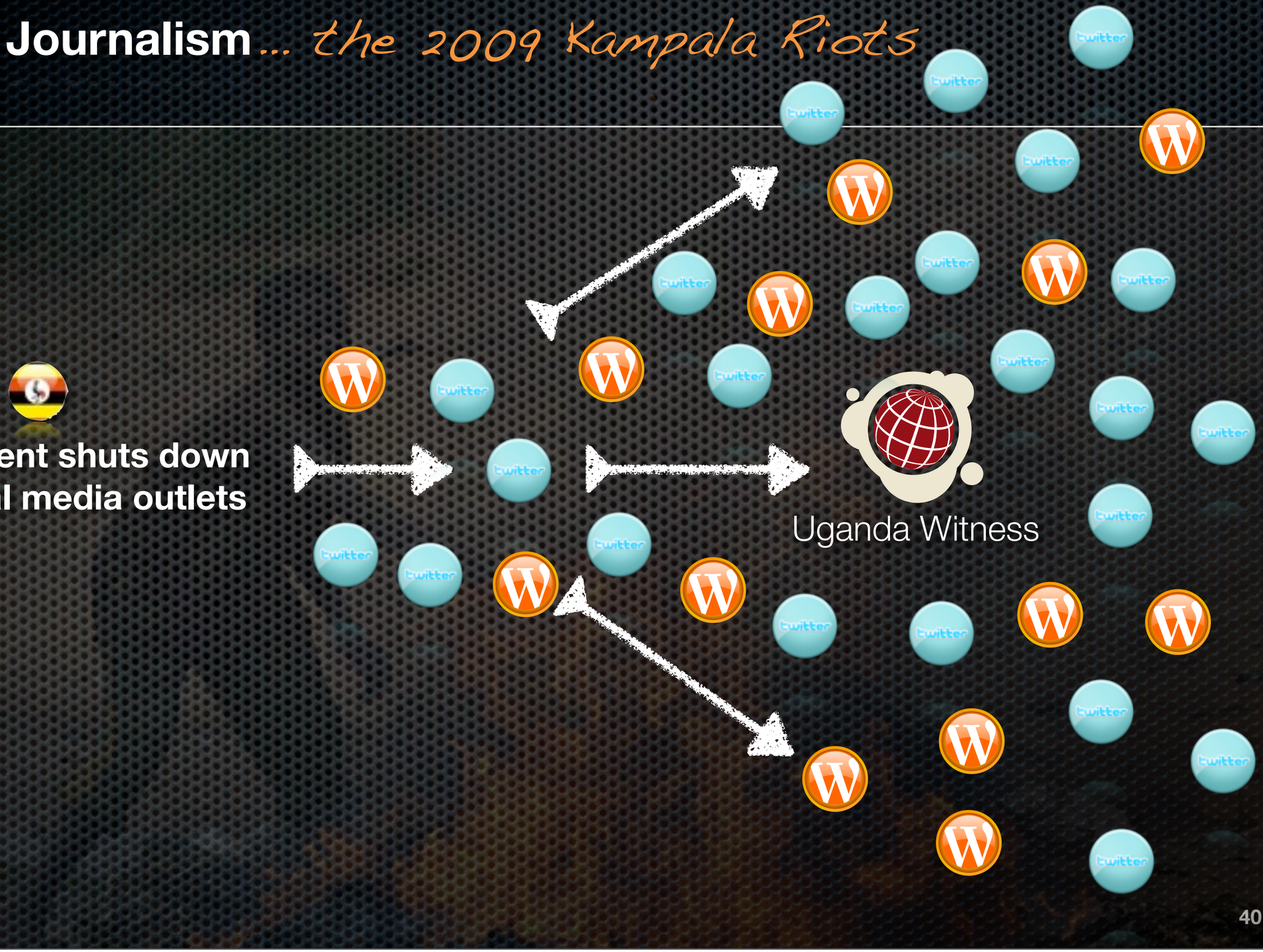
Connectivity in action

Citizen Journalism ... the 2009 Kampala Riots



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Connectivity in action

Citizen Journalism ... the 2009 Nairobi Riots

Steve Jobs

February 1996, Wired Magazine

Steve Jobs

February 1996, Wired Magazine

“The Web is exciting for two reasons: One, it's ubiquitous. . . And anything that's ubiquitous gets interesting.

...There's going to be a lot more innovation, and that will create a place where there isn't this dark cloud of dominance.”

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TMS Ruge

teddy@projectdiaspora.org

Twitter: @tmsruge

Facebook: TMS Ruge

www.projectdiaspora.org

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