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A Look at Our Global Impact
2019 Highlights

Internet Society

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Overview

Our first-ever **Impact Report** highlights some of our work from 2019 toward an open, globally-connected, secure, and trustworthy Internet. It focuses on the four projects we are carrying forward in 2020, including our focus areas of Build, Promote, and Defend.

Community Networks

49% of the world's unconnected citizens live in the most challenging areas to connect.

Community Networks – Internet Society Role

Convener
Brought together stakeholders at five regional Community Network Summits, strengthening the human networks that make connectivity possible

Advocate
Worked with governments and intergovernmental organizations around the world to support effective connectivity policies and legislation

Enabler
Engaged 28 Chapters through our annual Chapterthon to develop innovative Internet infrastructure solutions

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Community Networks – Internet Society Impact
Key Outcomes

Convened approximately 40,000 stakeholders face-to-face and online to advance community networks as a solution for the unconnected

South Africa Chapter's project, Qokolweni wi-fi hotspots **created a network for 350 residents** of Qokolweni; New York Chapter helped NYC Mesh **expand its urban network to 6 underserved locations**

As a result of our work, **six development agencies and banks supported or provided direct funding** to community networks initiatives

Internet Exchange Points (IXPs)

High data transit costs, poor service quality, and limited local content creation remain pervasive issues for many communities and countries.
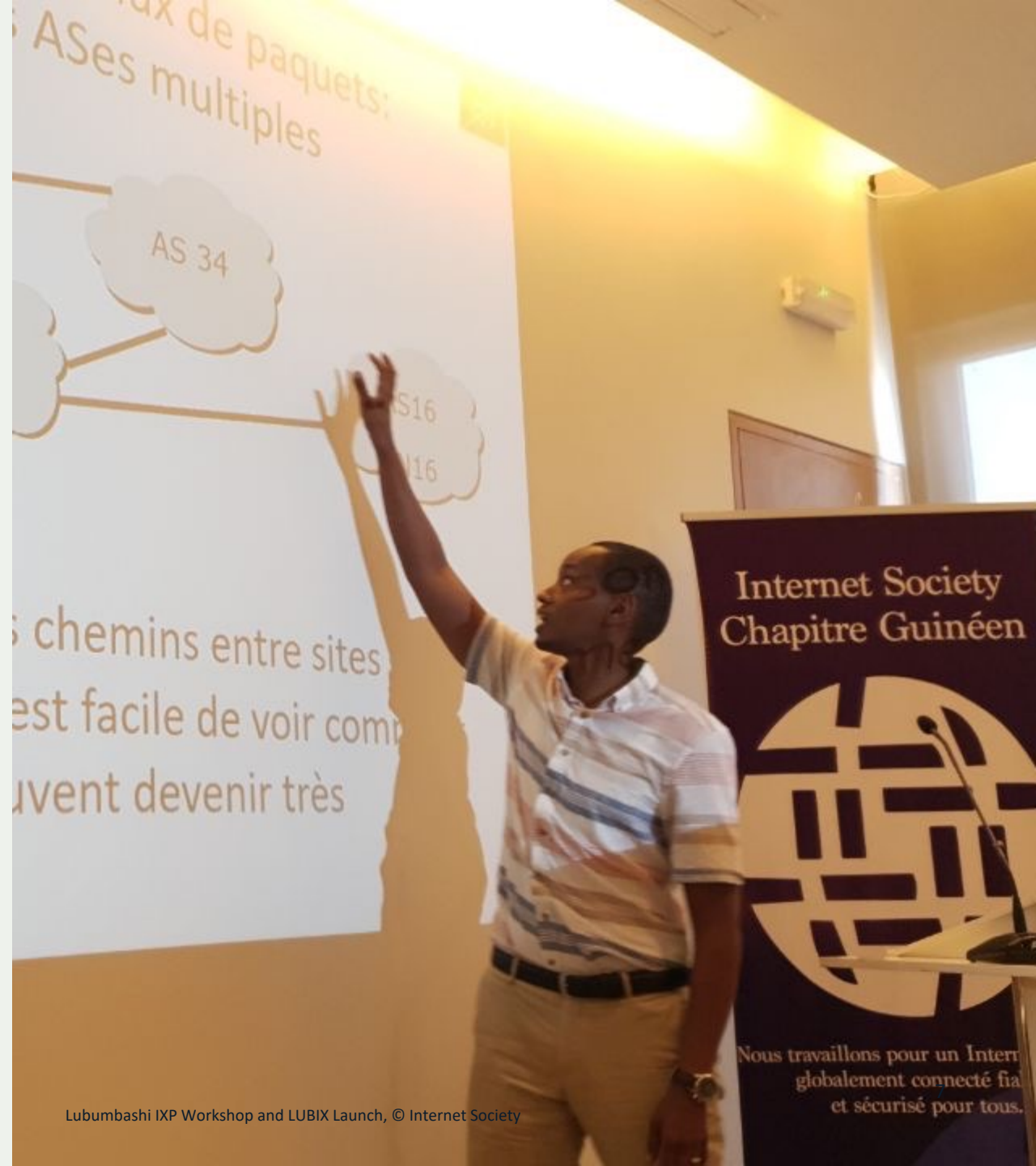
IXPs – Internet Society Role

Supporter and Partner
Supported the development of 12 new IXPs and scaling up of an additional 10

Capacity Builder
Strengthened the community of interest through training more than 400 local experts, networking, and hosting of local IXP peering forums

Lubumbashi IXP Workshop and LUBIX Launch, © Internet Society

IXPs – Internet Society Impact
Key Outcomes

456,860%

Africa Internet traffic exchanged locally has **grown by 456,860%** in past 10 years

Data from **Nigeria and Kenya** shows that at least **70% of traffic was exchanged locally,** reducing transit costs for Internet users in region

70%
of traffic was exchanged locally

Mutually Applied Norms for Routing Security (MANRS)

Ongoing outages, leaks, and hijacks undermine security and trust in the Internet.

MANRS – Internet Society Role

Catalyst
Initiated joint MANRS-IXP program

Thought Leader and Curator
Launched MANRS Observatory, a new tool that provides global, regional and individual network data on routing security

Validating MANRS of a network

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MANRS – Internet Society Impact
Key Outcomes

20 new IXPs globally began working together to implement crucial fixes

Recognition by World Economic Forum calling on Internet Service Providers to consider joining MANRS

113% increase in members to 311

MANRS participants can **view the performance of more than 64,0000 individuals networks** worldwide

Encryption

Governments are increasingly demanding and securing access to encrypted communications, undermining the security and privacy for all users.

Encryption – Internet Society Role

Advocate
Served as a diligent advocate and informed governments and businesses about why it is necessary and in their best interest to maintain ubiquitous encryption

Encryption – Internet Society Impact
Key Outcomes

Advised a civil society effort that led to the **removal of problematic text** regarding encryption from a Brazilian anti-crime bill

Successfully countered the UK's GCHQ "ghost proposal" for end-to-end encrypted message access

Closing

All of this work is possible because of **our community and partners.** We will be building on these four areas of work in 2020.

The projects highlighted in this report will be complemented by four additional ones:

Internet Measurement
Internet Way of Networking
Open Standards Everywhere
Time Security

Thank you.

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