The Internet Society in 2020

APRICOT 2020

Internet Society

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Our vision

The Internet is for everyone.

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Strategic alignment

An Action Plan that maps to our 2025 strategy, and takes us toward our strategic goals - an open, globally-connected, secure, and trustworthy Internet.

The work we do in 2020 will be based on our three focus areas:

Build, Promote, Defend.

It is a stepping stone to a future where the Internet is bigger, and stronger.

What we will focus on and do to achieve our Strategic Goals

BUILD the Internet

- Extend the Internet to communities that do not have it and need it most
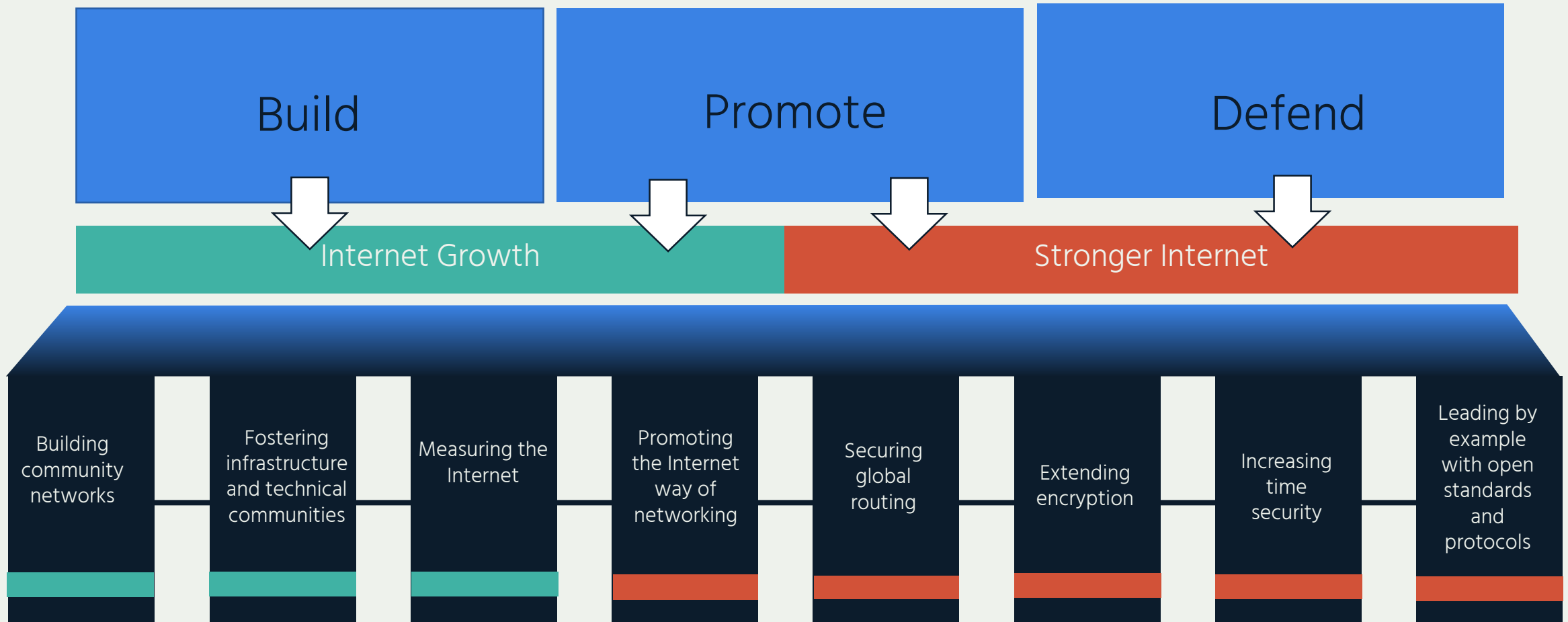
PROMOTE the Internet

- Promote the Internet model of networking as the preferred model

- Convince key governments of the world to adopt policies that favor the Internet model and improve Internet connectivity

- Promote the deployment of technologies and protocols that secure the interconnection of independent networks

DEFEND the Internet

- Shape the policies of key governments in favor of the growth of independent networks, which are free to interconnect

- Counter attempts by key governments to undermine encryption

- Defend against shutdowns by increasing cross-border connectivity and resiliency

Connecting our work to our shared goals

Build	Promote	Defend

Internet Growth | **Stronger Internet**

| Building community networks | Fostering infrastructure and technical communities | Measuring the Internet | Promoting the Internet way of networking | Securing global routing | Extending encryption | Increasing time security | Leading by example with open standards and protocols |

Working for an open, globally-connected, secure, and trustworthy Internet for everyone.

2020 Projects

A stronger Internet

Promoting the Internet way of networking

A response to the forces shaping the Internet today

Outcomes of our work in 2020:

- Create a clearer understanding of the core technical properties of the Internet.

- Generate support for the Internet way of networking

- Test our approach in the context of specific legislation

Delegates at the 10th annual African Peering and Interconnection Forum (AfPIF) Balaclava, Mauritius 20 August 2019.
© Nyani Quarmyne/ Panos Pictures

Extending encryption

Addressing the threat to encrypted communications posed by both governments and private sector

Outcomes of our work in 2020:

- Develop of a narrative that advances end-to-end encryption against threats such as exceptional access

- Create a diverse and engaged global network of coalitions, with aligned participants

Encryption Wall, MozFest 2019
Participants were asked to "encode" and "decode" messages and facts about encryption along the wall using augmented reality.

Securing global routing

Growing the MANRS community, improving measurement of routing security, building capacity among network engineers, and driving global MANRS adoption

Outcomes of our work in 2020:
- Double MANRS membership – to include new kinds of organizations, such as Content Delivery Networks (CDNs)

- MANRS Observatory as a production service

Andrei Robachevsky from the Internet Society speaking about MANRS at RIPE 79. October 2019

It's time to stand up for a fundamental building block of the Internet's operation

Outcomes of our work in 2020:
- Develop materials to help others in their deployments

- Establish metrics to track the future deployment of time protocols

Photo by Sonja Langford on Unsplash

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Leading by example with open standards and protocols

An opportunity to show the way in open standards. A chance to practice what we preach.

Outcomes of our work in 2020:
- Deploy four reference servers

- Develop easy-to-understand materials to support wider standards adoption

- Provide links to testing tools and further details on standards

2020 Projects

Growing the Internet

Building community networks

Every day without connectivity is a day of lost opportunity. We can bridge the gap.

Outcomes of our work in 2020:

- Improve measurement of the effects of connectivity

- Achieve acceptance of CNs as a viable access alternative

- Stronger communities with the ability to teach and sustain each other

Community Network training program with Nation of Hawaii as part of 2019 Indigenous Connectivity Summit, leading to the build of Hawaii's first community network in Pu'uhonua o Waimānalo.
©Elyse Butler

Fostering infrastructure and technical communities

Building open Internet infrastructure to expand and strengthen the Internet

Outcomes of our work in 2020:

- Support creation of five new IXPs and strengthen 10 in existence to support local Internet growth

- Training in key geographies

- Sow the seeds for self-sustaining communities

Burkina Faso IXP (BFIX) Peering Roadshow and Technical Training. January 2019. Ouagadougou, Burkina Faso

Measuring the Internet

Position the Internet Society as a key reference for understanding the state of the Internet's health and infrastructure

Outcomes of our work in 2020:
- Create and launch of a Web-based dashboard for public consumption

- Increase awareness of the Internet model through promotion of the dashboard

Building a community

Working as a cohesive Internet Society, as one

Mission support projects

- **The Internet Hall of Fame** inspires new generations of Internet leaders, honouring some of the world's most influential engineers, evangelists, and entrepreneurs.

- **Jonathan B. Postel Service Award** Recognizes leaders in the development of the Internet, in commemoration of an extraordinary 30 year career.

- **NDSS** builds the research community that is key to the ongoing security and trustworthiness of the Internet

2019 Internet Hall of Fame
© Garret Britton

Engagement and Outreach

We will

- strengthen engagement with our community, focus on improving Chapter health, and broaden our Organizations membership.

- work with our global and regional partners in our projects, and identify, build, and preserve the relationships that take us toward our goal.

- continue to be a strong voice on the global stage, ensuring that we are perceived as a relevant influencer for the Internet.

Middle East 2019 Chapter Advocacy Meeting, April 2019
© Urban Pixel Lebanon

Organizing for success

A new structure for a new direction

In 2020, we will reorganize ourselves with the goal of

- making it easier to do our work across the organization
- maximizing the effectiveness of our project-led efforts.

A model that plays to people's strengths and that has collaboration, flexibility and a focus on results at its heart.

Thank you.

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