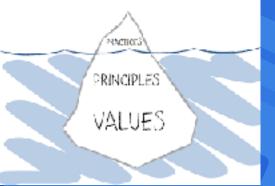
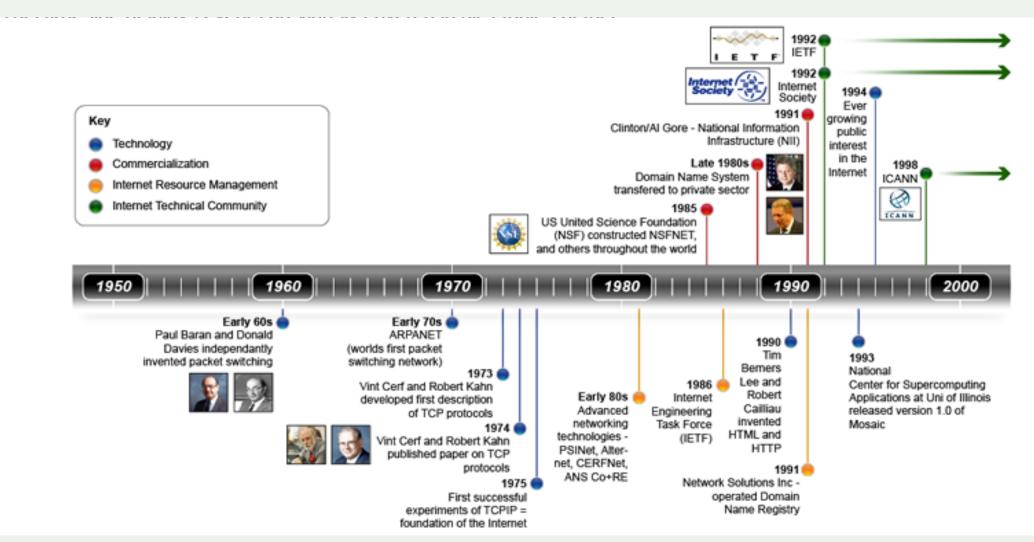
Fundamental Principles of the Internet



Open, Distributed and Bottom-up.



Internet's history = Giving rise to the governance principles that are open, interconnected, distributed, and transnational

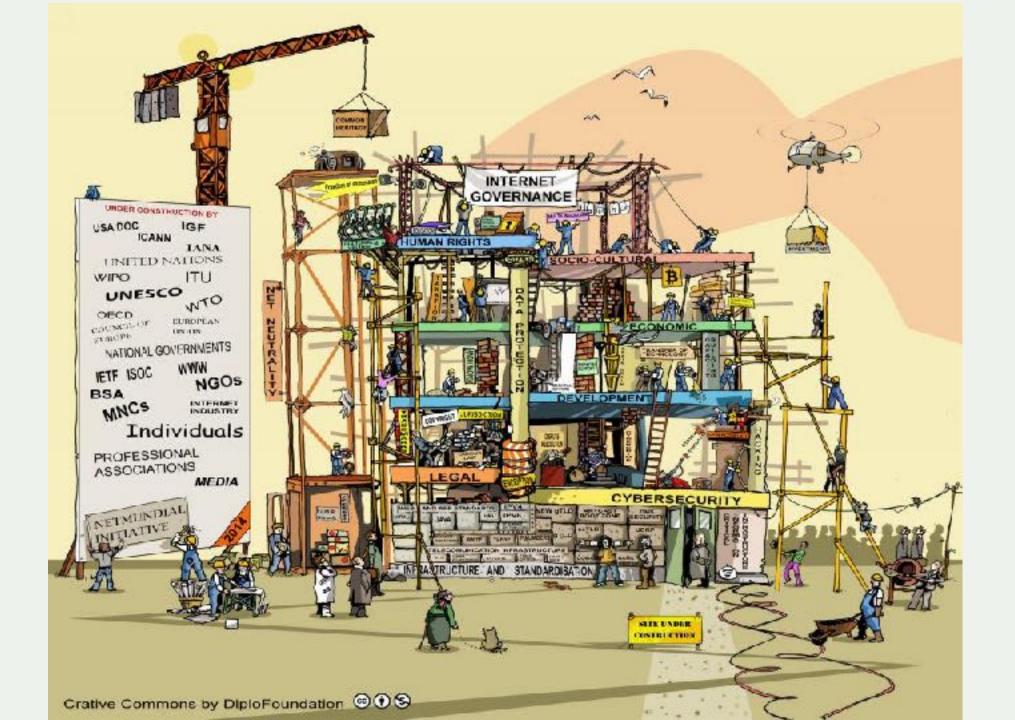


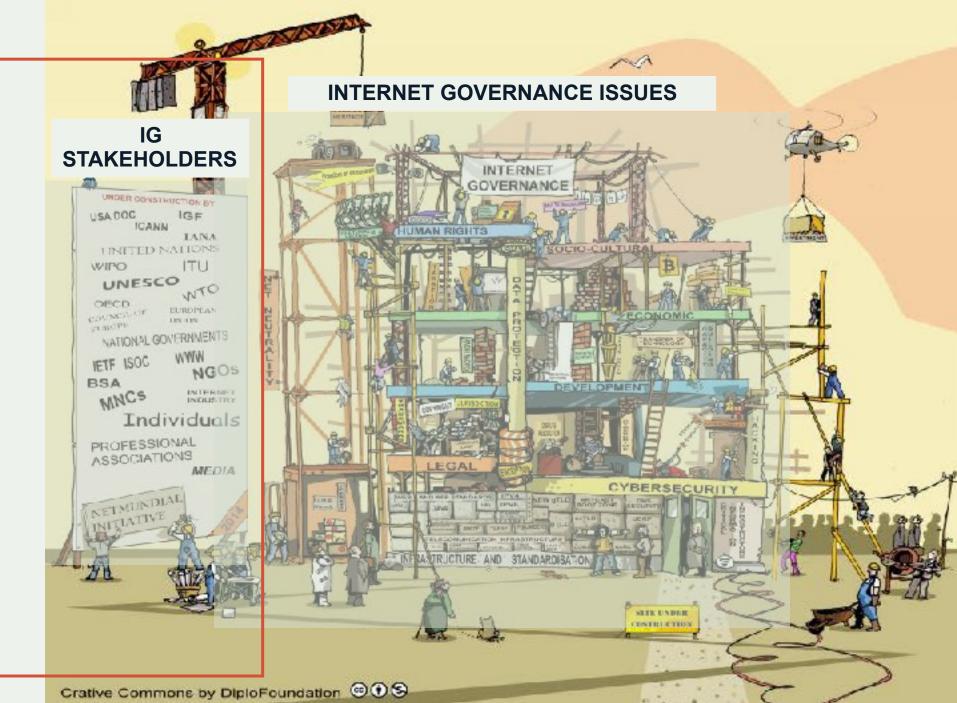
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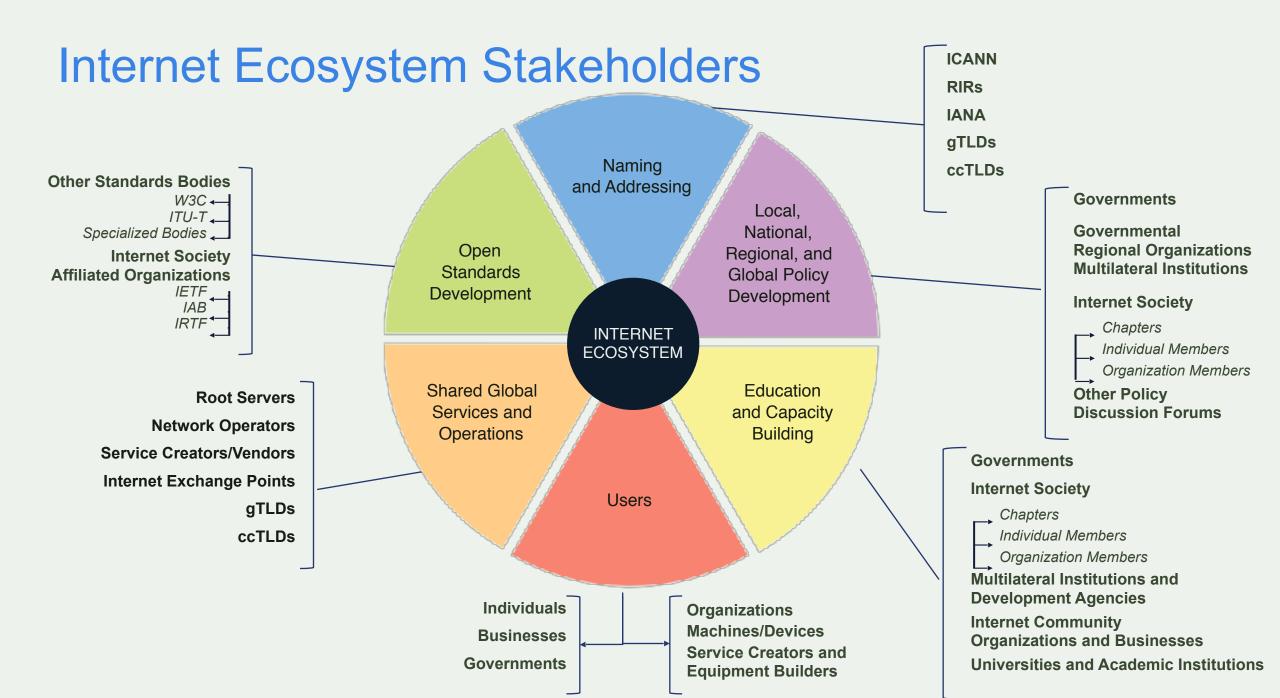
The Internet Ecosystem



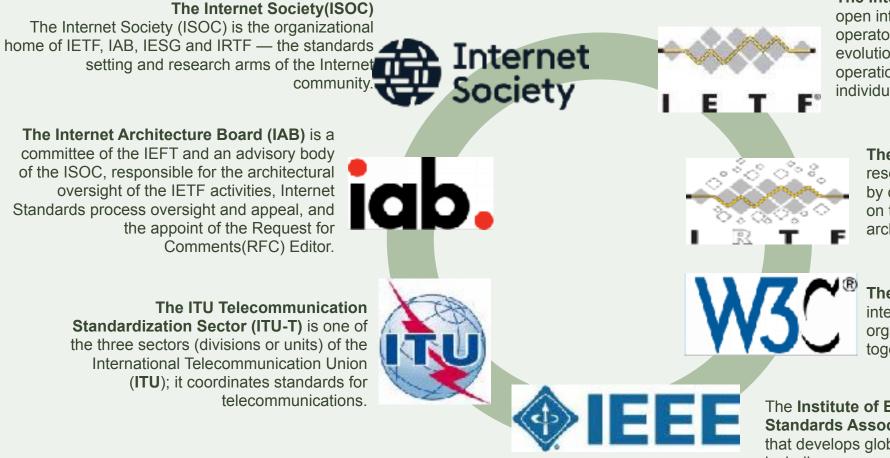
Disparate Actors + Shared Goals = Multi-stakeholder approach







[Open] Standards Development



The Internet Engineering Task Force (IETF) is a large open international community of network designers, operators, vendors, and researchers concerned with the evolution of the Internet architecture and the smooth operation of the Internet. It is open to any interested individual

The Internet Research Task Force (IRTF) promotes research of importance to the evolution of the Internet by creating focused, long-term research groups working on topics related to Internet protocols, applications, architecture and technology.

The World Wide Web Consortium (W3C) is an international community where Member organizations, a full-time staff, and the public work together to develop Web standards.

The **Institute of Electrical and Electronics Engineers Standards Association** (**IEEE-SA**) is an organization within IEEE that develops global standards in a broad range of industries, including power, energy, biomedical, healthcare, information technology, robotics, telecommunication, home automation etc

* Not all the organisations listed have an open/freely accessible standards development process

Naming and Addressing

the Internet Corporation for Assigned Names and Numbers (ICANN)

helps coordinate the Internet Assigned Numbers Authority (IANA) functions, which are key technical services critical to the continued operations of the Internet's underlying address book, the Domain Name System (DNS)

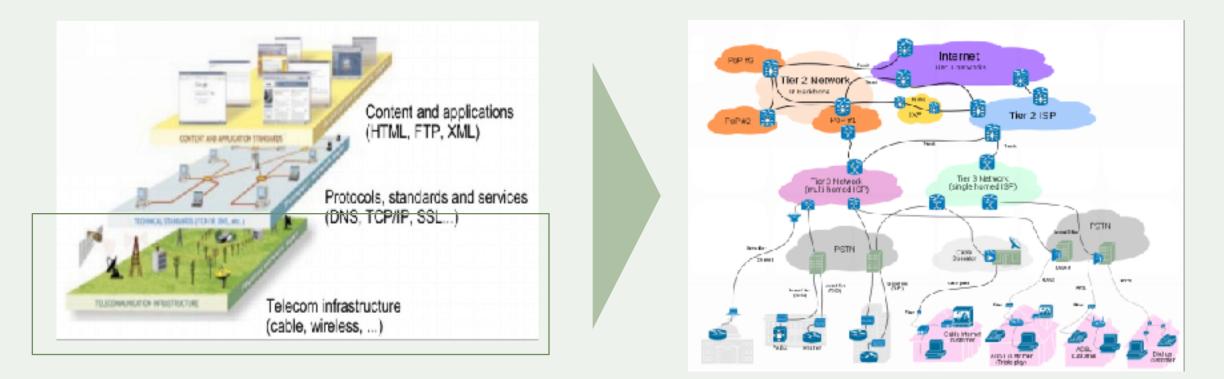


Regional Internet Registries (RIRs)

RIPs manage, distribute, and register Internet number resources (IPv4 and IPv6 addresses and Autonomous System Numbers) within their respective regions.



Network infrastructure service providers ++



- Domain Name Service (DNS) providers Hosting and cloud service providers
- Network operators

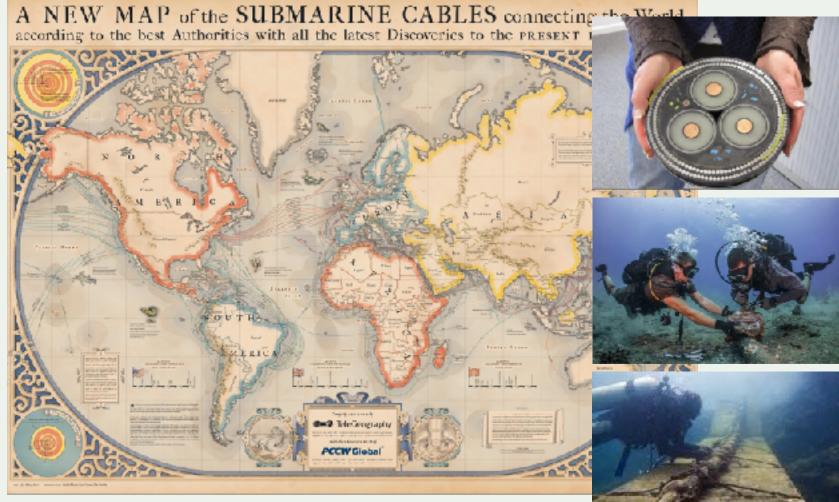
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• Internet Exchange Points (IXPs)

Network infrastructure service providers (con't)

ISPs in Asia Pacific





The Private Sector = Users ++

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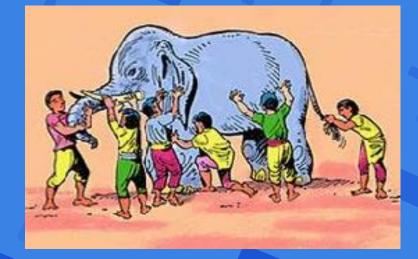
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Capacity building and policy development



The Internet Governance

Snake...Spear...Fan...Tree...Wall...Rope



Internet governance issues: 7 clusters



- Telecom • structure
- **Technical** ٠ standards
- Web standards ٠
- Internet protocol numbers •
- Domain
- The Internet of Things
- Convergence





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online

- Cybersecurity
- Cybercrime Critical
 - information
- infra Cyber conflict
 - Child safety
- online
- Spam •

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- Encryption
- Digital signatures



- Freedom of expression
- Privacy and data •
- protection
- Women's rights
- Rights of PWDs •
- Arbitration •
- Copyright
- Jurisdiction
 - •
- Trademark
- Labor law
 - Intermediaries



- E-commerce
- E-money and • virtual currencies
- Consumer • protection
- Taxation •



- Access
- Digital divide
- Capacity development



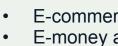
Content policy •

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- Cultural diversity •
- **Multilingualism**
- Online education
- **Global** public good





Starting definition of Internet Governance

INTERNET GOVERNANCE = COORDINATION OF THE MANY ASPECTS

Shared

• Open



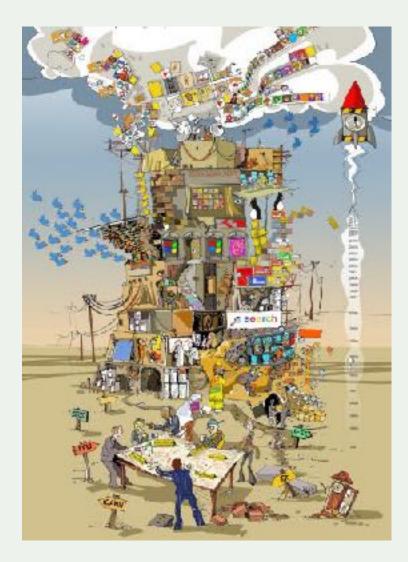
THAT MAKE THE INTERNET WORK & DETERMINE HOW IT IS USED

GOVERNMENTS PRIVATE SECTOR CIVIL SOCIETY Inclusive

Consensual

The Multi-stakeholder Approach to Internet Governance





The Multi-stakeholder Approach to Internet Governance

VS

<u>Multilateral</u>

- -Dominant paradigm followed by
- intergovernmental organizations
- -Underpinned by treaties
- -Final say rests with the sovereign nations

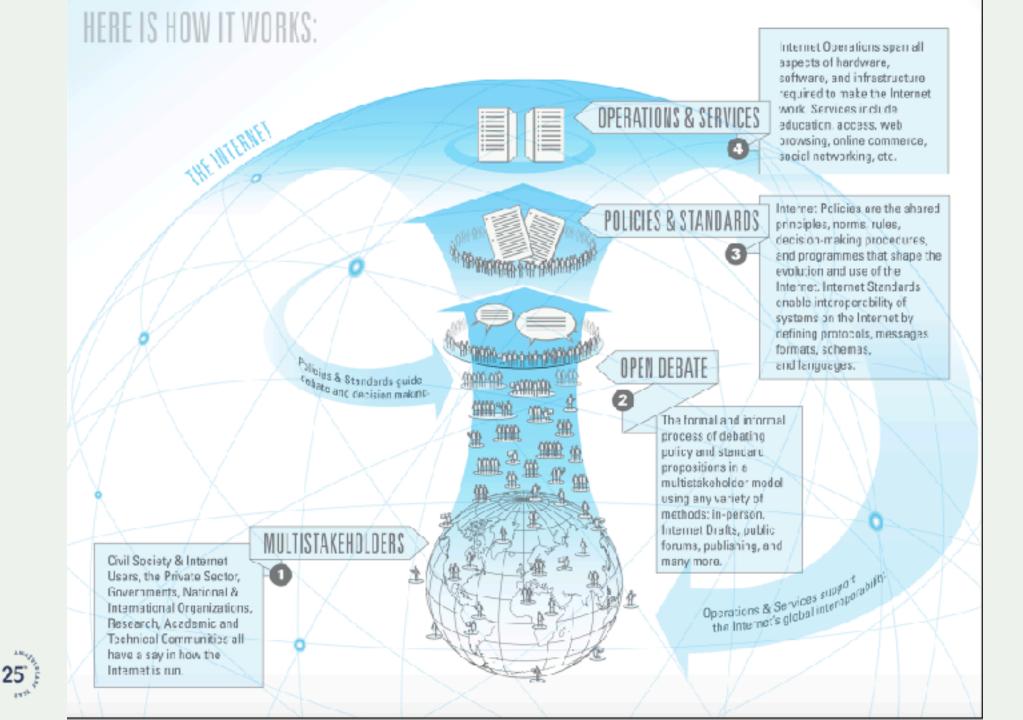
Multi-stakeholder

-Multitude of stakeholders, as opposed to governments only, can participate in and have an impact in the processes and discusses
-Less rigid hierarchies or none
-Processes are characterized by openness, transparency and inclusiveness
-Underpinned by consensus-driven, bottom-up decision making
-Embraced by IETF, ICANN and the IGF

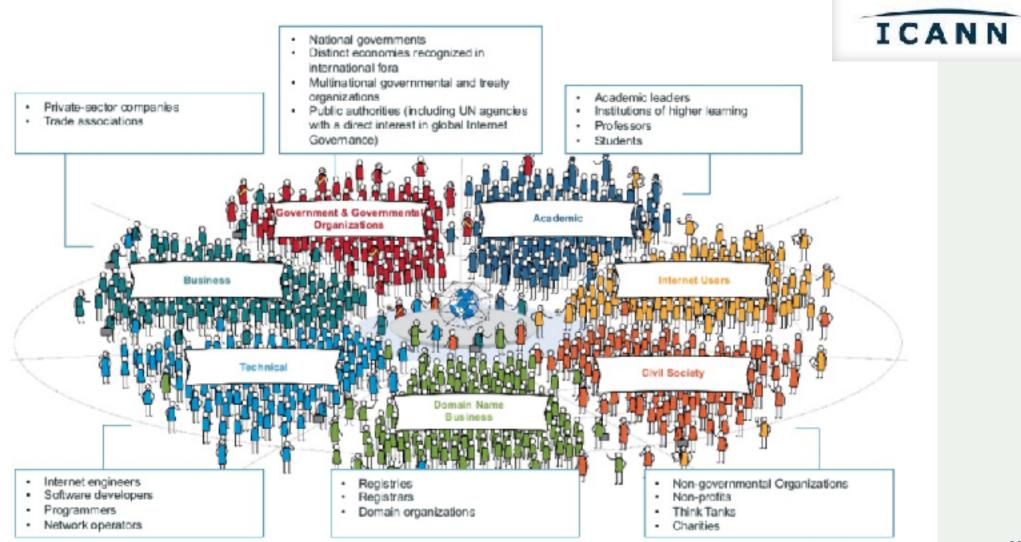
Multistakeholder approach is useful...

- when decisions impact a wide and distributed range of people and interests,
- where there are overlapping rights and responsibilities across sectors and borders,
- if different forms of expertise are needed, such as technical expertise, and/or
- where legitimacy and acceptance of decisions directly impacts the implementation.





Example #1: ICANN



Example #2: IGF





Economic Commission for Africa

EuroDIG European Dialogue on Internet Governance

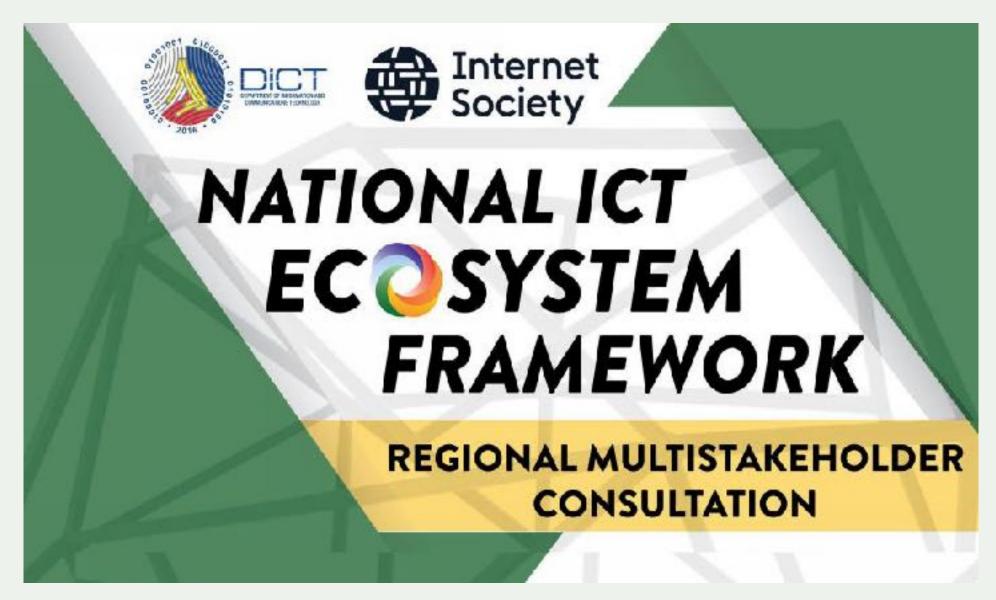




- IGF Afghanistan (IGFA) ٠
- **Bangladesh IGF**
- China IGF •
- Japan IGF
- Nepal IGF
- Sri I anka IGF
- Indonesia IGF ٠
- Philippine IG Roadshow

lacigf Reunión Preparatoria para el Foro de Gobernanza de Internet

Example #3: DICT National ICT Ecosystem Framework



Four attributes of successful multistakeholder decision-making





Collaboration through distributed and interoperable governance



"The most pressing question for the future of the Internet is not how the technology will change, but how the process of change and evolution itself will be managed.... If the Internet stumbles, it will not be because we lack for technology, vision, or motivation. It will be because we cannot set a direction and march collectively into the future.."

Brief History of the Internet (1996)



#ShapeTomorrow

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www.internetsociety.org www.facebook.com/**isoc.ph**

