

2023

Empowerment Programs

Building the next generation of Internet champions





Our Vision

The Internet is for Everyone.

This vision drives everything we do

© Nyani Quarmyne for Internet Society



Our Mission

The Internet Society supports and promotes the development of the Internet as a global technical infrastructure, a resource to enrich people's life, and a force for good.

People are at the heart
of our mission.



We work towards reaching our vision and mission by building, promoting, and defending a bigger and stronger Internet.



Empowering Internet Champions

The Internet flourished because of the community of people who worked tirelessly to help it grow. While it continues to expand and evolve every day, the Internet faces threats and challenges on many fronts.

That is why we work to **empower people through skills development to become Internet Champions who take action**—to grow and strengthen the Internet for everyone who needs it, benefiting the world's diverse populations equitably.

Together with our partners, we have developed a range of empowerment programs to equip people with the tools and knowledge needed to **accelerate their career, make their voices heard, join a global network of Internet champions, and shape the future path of the Internet.**



The Internet Champions



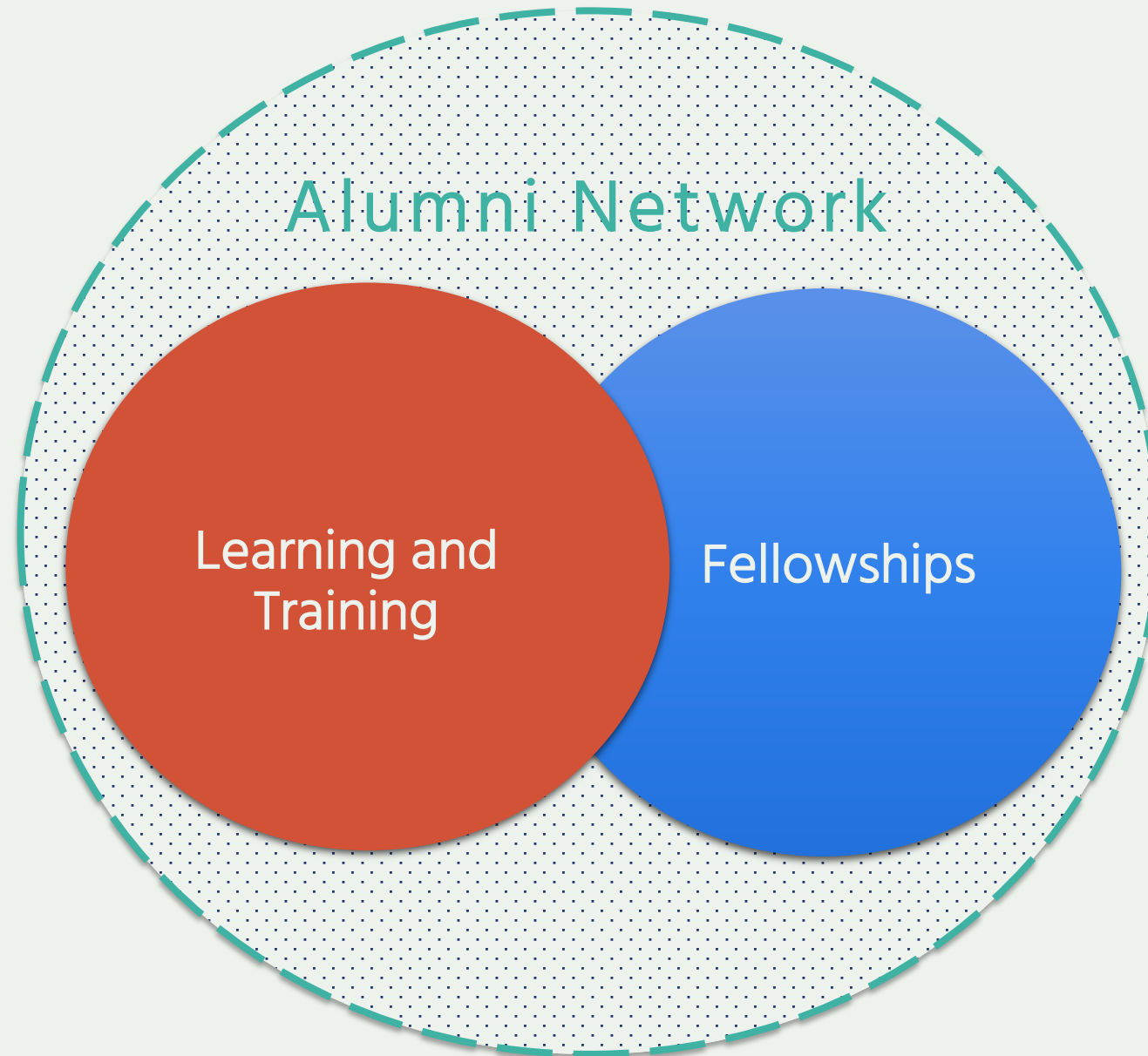
...integrate multi-disciplinary perspectives in creating solutions

...innovate from the perspective of openness, security and trustworthiness

...advocate for the *Internet Way* as professionals



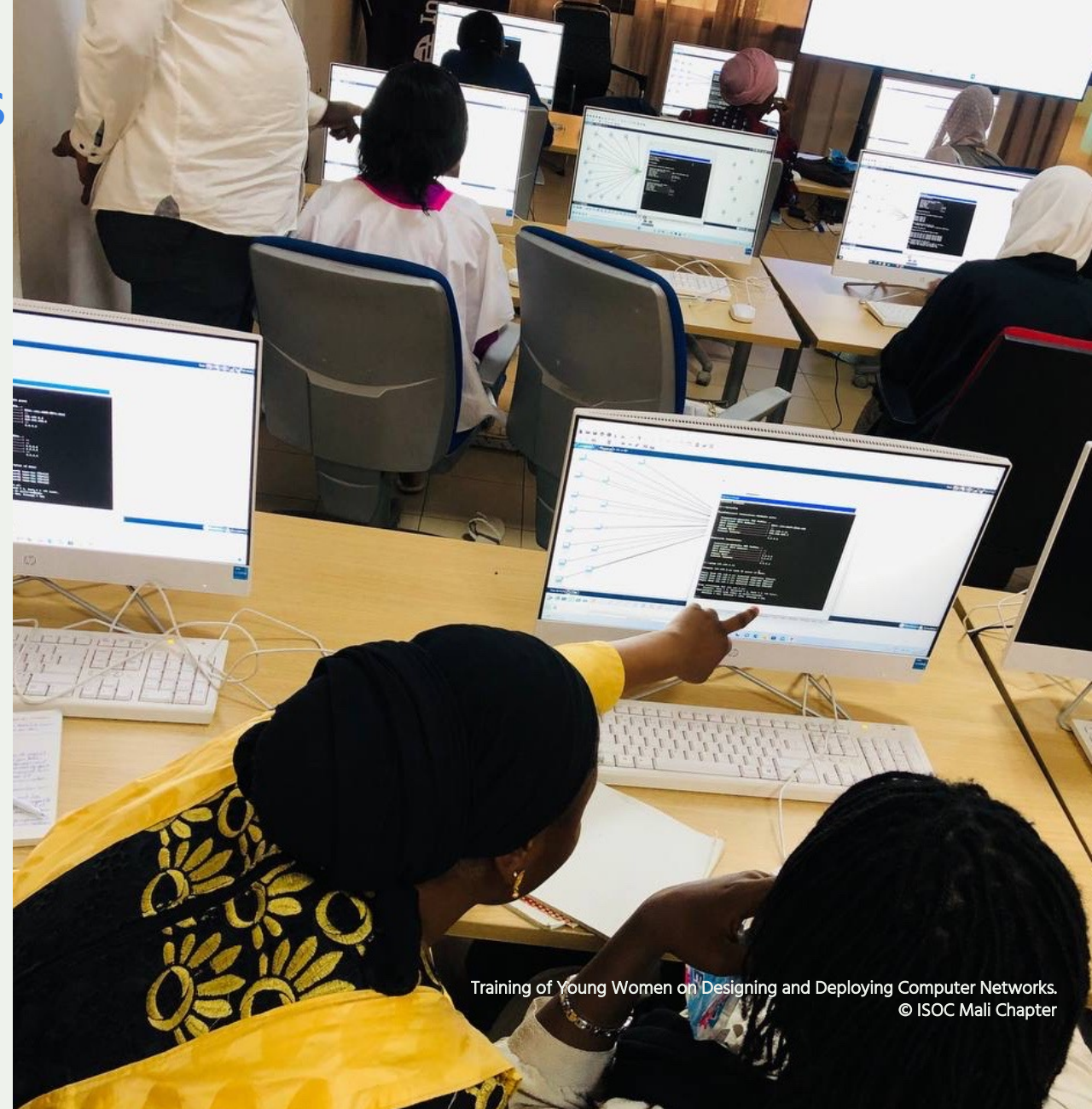
Empowerment Programs



Empowering Internet Champions

Now more than ever, our industry needs Internet champions who ensure we continue to grow and strengthen the Internet.

With your organization's help, and with the powerful force of the Internet Society's network, we will ensure the Internet remains – and will always remain – a force for good.



Training of Young Women on Designing and Deploying Computer Networks.
© ISOC Mali Chapter

Our Empowerment Program help :

- Build, promote and defend the Internet
- Advance careers, develop workforces, and grow economies
- Increase diversity and inclusion in the Internet ecosystem
- Leverage the Internet to improve lives and empower individuals



Fellowships

<https://www.internetsociety.org/shaping-future-of-the-internet/>



Internet Society's Fellowship programs equip Internet champions with skills and knowledge, empowering them to defend an open, globally connected, secure, and trustworthy Internet for everyone.



The Programs

Mid Career Fellowship

Equips global mid-career Internet champions with the knowledge and skills to enable inclusive, innovative, holistic, and strategic leadership.

15 Fellows
7 Months

Early Career Fellowship

Equips global early career Internet champions with the practical knowledge, and skills for them to contribute to the development and defense of the Internet.

15 Fellows
5 Months

Youth Ambassador Program

Equips the next generation of Internet champions with skills and knowledge to influence policies that defend the Internet at key industry events while innovating for a better world.

*From 2023:
travel to several events!*

15 Ambassadors
10 Months



Mid Career Fellowship

COLLABORATION • NETWORKING • LEADERSHIP • MENTORSHIP

APPLY • SELECT • ONBOARD

*Dr. Laura DeNardis
(American University)*
**The Internet Critical
Properties &
Enablers**

*Oxford Internet
Institute*
**Digital
Transformation and
Key Internet Issues**

*Lee Kuan Yew School of
Public Policy*
**Digital Futures &
Strategic Foresight**

*Centre for Policy Futures
University of
Queensland*
**Systems & Design
Thinking**

*Sciences Po
Executive Education*
**Leadership &
Decision-making**



April • May-June • June

July

August

September

October

November

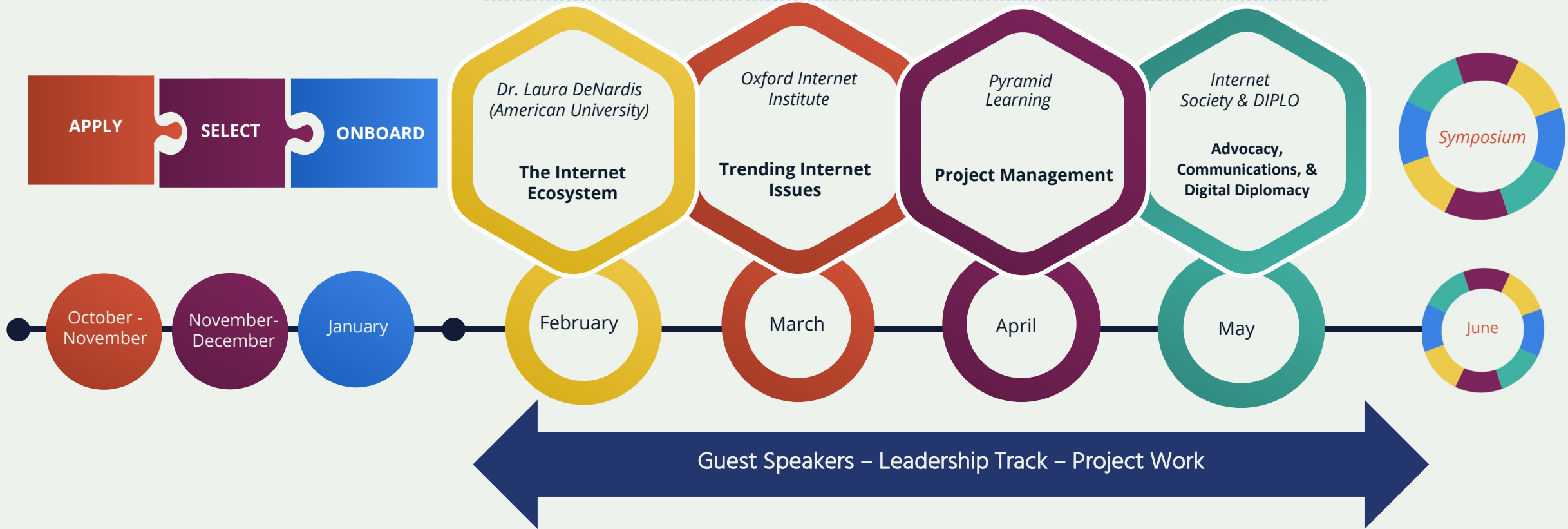


Trend Talks - Guest Speakers - Case Study Work

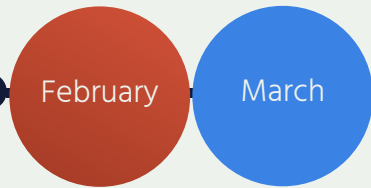
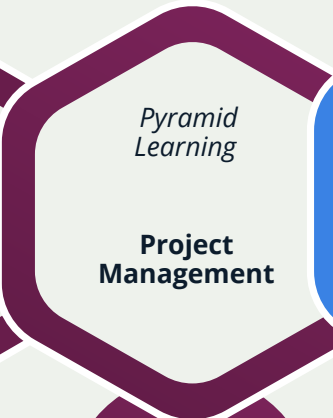
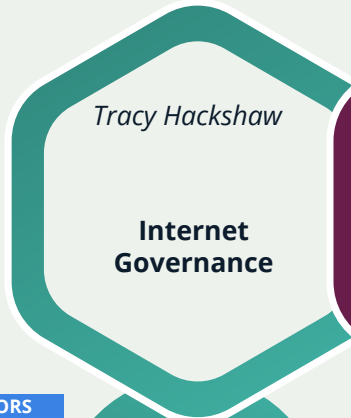
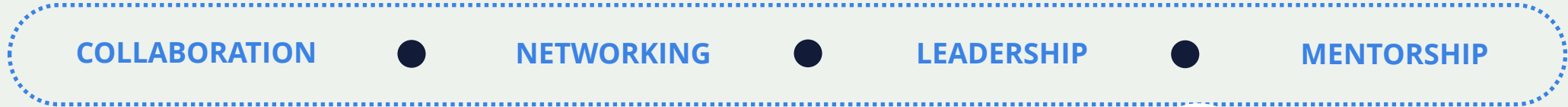


Early Career Fellowship

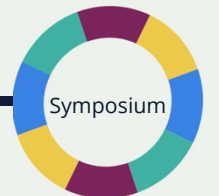
COLLABORATION ● NETWORKING ● LEADERSHIP ● MENTORSHIP



Youth Ambassador Program



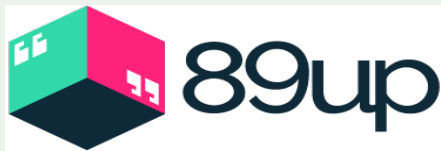
AMBASSADORS SELECTED



Collaborations



Dr. Laura DeNardis, American University



Dr. Mike Barger, University of Michigan



Other Programs

MANRS Ambassador Program

Empowers and equips emerging leaders who believe that routing security is essential and are ready to continue its improvement

10 Ambassadors
8 Months

IETF Policy Program

Offers training to policymakers on the Internet's operations. It also provides visibility on the Internet Engineering Task Force's standards environment.

(Only run if travel)
5/10 Fellows
3 Times a Year

Pulse Fellowship

Provides an opportunity for people to work on data-driven analysis related to the Internet, how it works, and artificial Internet limitations

3 Fellows
6 Months



Training and e-Learning

Learning @ Internet Society

<https://www.internetsociety.org/learning/>



Jobs in the digital economy

- Only 33% of technology jobs worldwide are filled by the necessary skilled labor;
- The world will create 150 million new technology jobs over the next five years and by 2030, 77% of jobs will require digital skills (World Economic Forum);
- Constant need for up-skilling and re-skilling people or gain access to people with the necessary skills;
- When connecting the unconnected, digital skills are essential for communities enabling them to take advantage of the opportunities the Internet offers.



What is Learning @ Internet Society?

- prepares a new generation to become the future leaders the Internet needs;
- brings people together in support of an open, globally connected, secure, and trustworthy Internet;
- empowers people with the knowledge and skills they need to take action;
- builds a global community that is informed and passionate about the shaping and development of the Internet.
- provides the ability and experience to work with people at all levels of society.

It's about equipping people with skills and knowledge to support the development of the Internet.



Why the Internet Society?

For 30 years, the Internet Society has been empowering people around the world to contribute to the development of the Internet.

Between 2010-2022, we trained over 100,000 people worldwide, sharing our experience of what it takes to keep the Internet open and secure for everyone.

- Our courses are independent of any vendor, product, or commercial interest;
- We have a global and energized community of practice;
- We have a holistic and comprehensive approach;
- We offer learners a clear pathway for sustained engagement and development.



Who's involved?

Our Learners:

Everyone can take our courses!

Anyone who would like to learn about the Internet, how it works, and how to positively shape its future, can find a course.

Anyone who wants to help build, promote and defend the Internet.

There are technical and nontechnical courses available.

Our Course Tutors:

World-class experts with solid backgrounds and deep knowledge about the Internet.

Support course delivery by leading live chat sessions and engaging with learners on the course forum.

Hold relevant academic qualifications and complete an annual training session to prepare them to be an official Internet Society tutor.



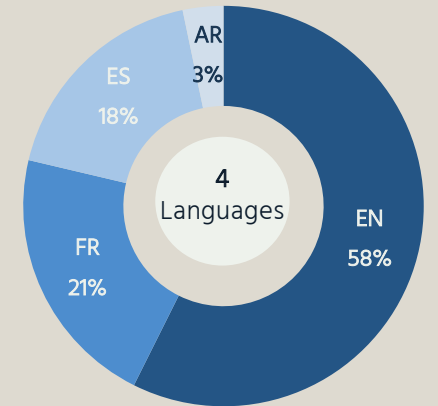
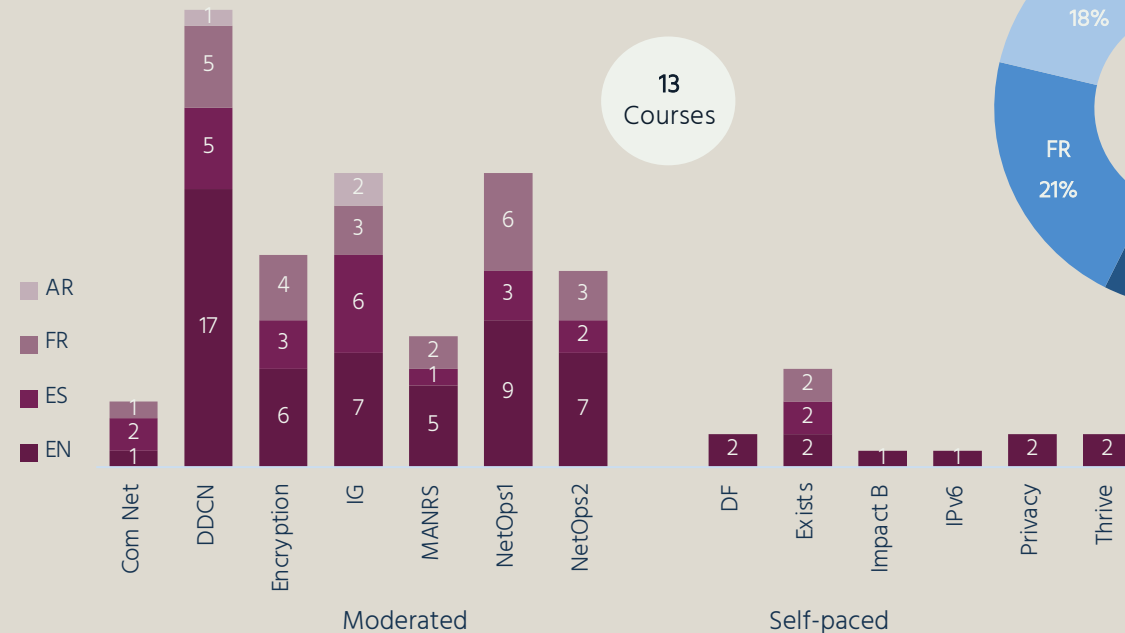
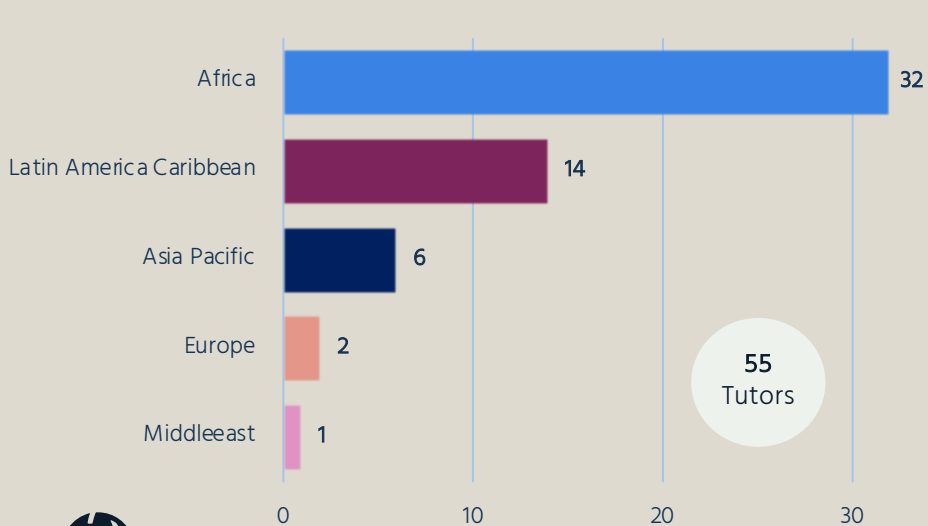
Our Tutors

- 55 Tutors
- 27 Countries
- 13 Courses
- 4 Languages

World-class experts with solid backgrounds and deep knowledge about the Internet.

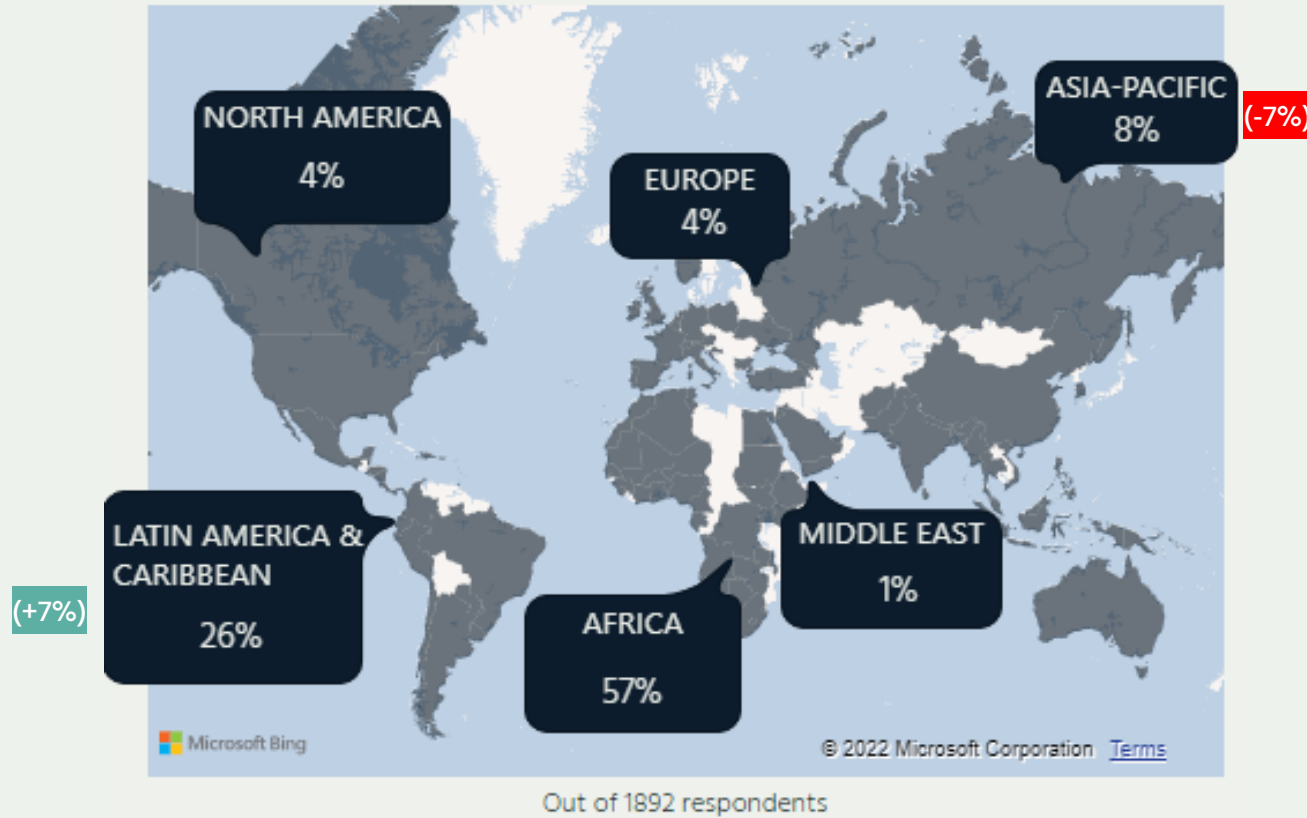
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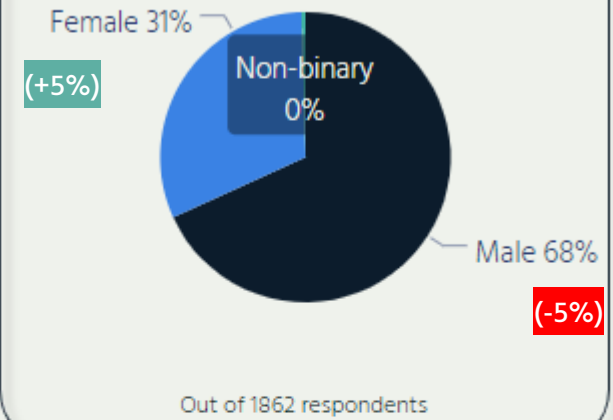


WHO PARTICIPATED? DEMOGRAPHICS

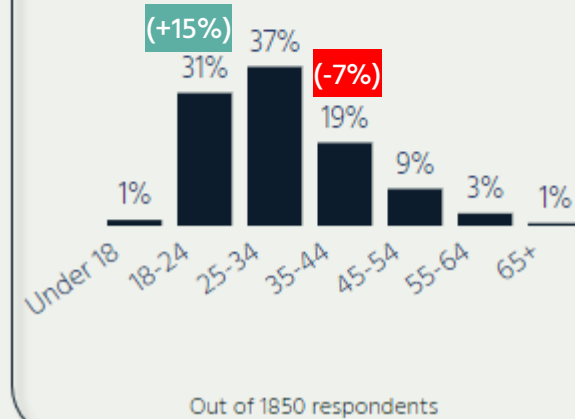
What country do you live in?



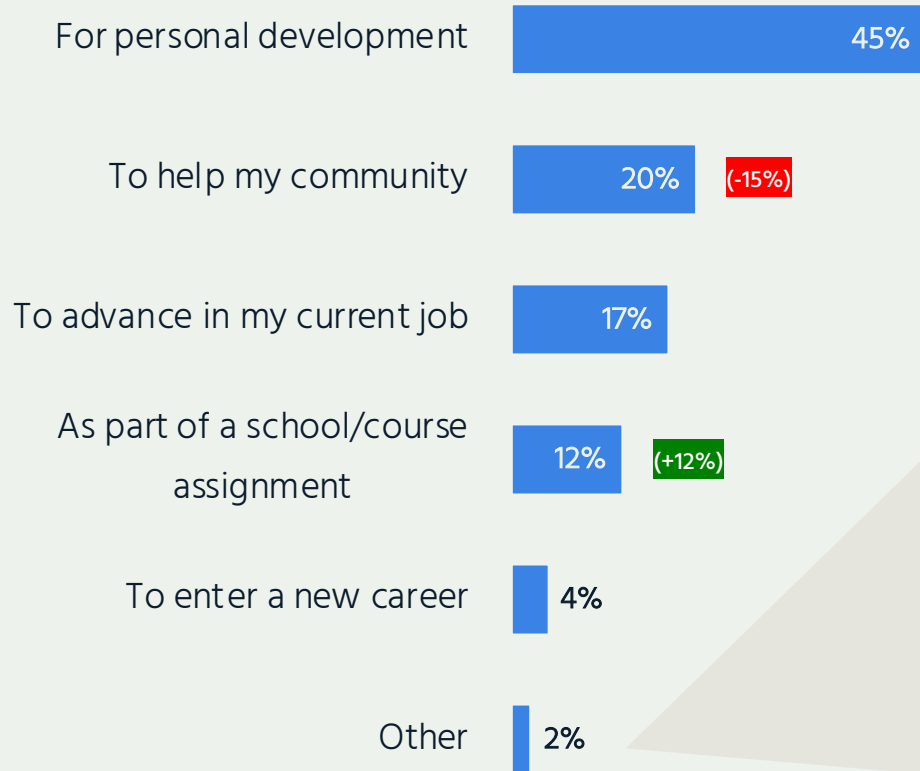
What is your gender?



What is your age?



DEEP DIVE: WHY CHOOSE US?



Out of 865 respondents

"To understand the fundamentals of Internet technology better."

- Designing and Deploying student

"To see what the Internet Society does."

- IWN student

"To better understand the evolution of big data, machine learning, A. I., so gaining internet literacy, digital literacy, which will turn me into a more consistent user, and so, more engaged, socially, politically in terms of improving protection, when needed, and know how to get real privacy when desired."

- Digital Footprints student



Course Classification

Technical Skills

How to maintain Internet's technical infrastructure.

1. Designing and Deploying Computer Networks
2. Introduction Network Operations 1.0
3. Advanced Network Operations 2.0
4. MANRS
5. IXPs 2.0



Knowledge Exchange, Business, and Policy Skills

How to reduce the gap between policymakers and technical experts.

6. Community Networks
7. Internet Governance



Online Safety Skills

How to reduce the gap between policymakers and technical experts.

8. Digital Footprint
9. Privacy
10. Internet Security



Advocacy Skills

How to champion protocols that keep the Internet secure.

11. Encryption
12. What the Internet Needs to Exist
13. What the Internet Needs to Thrive
14. How to write an Internet Impact Brief



Course Catalog 2023: Moderated

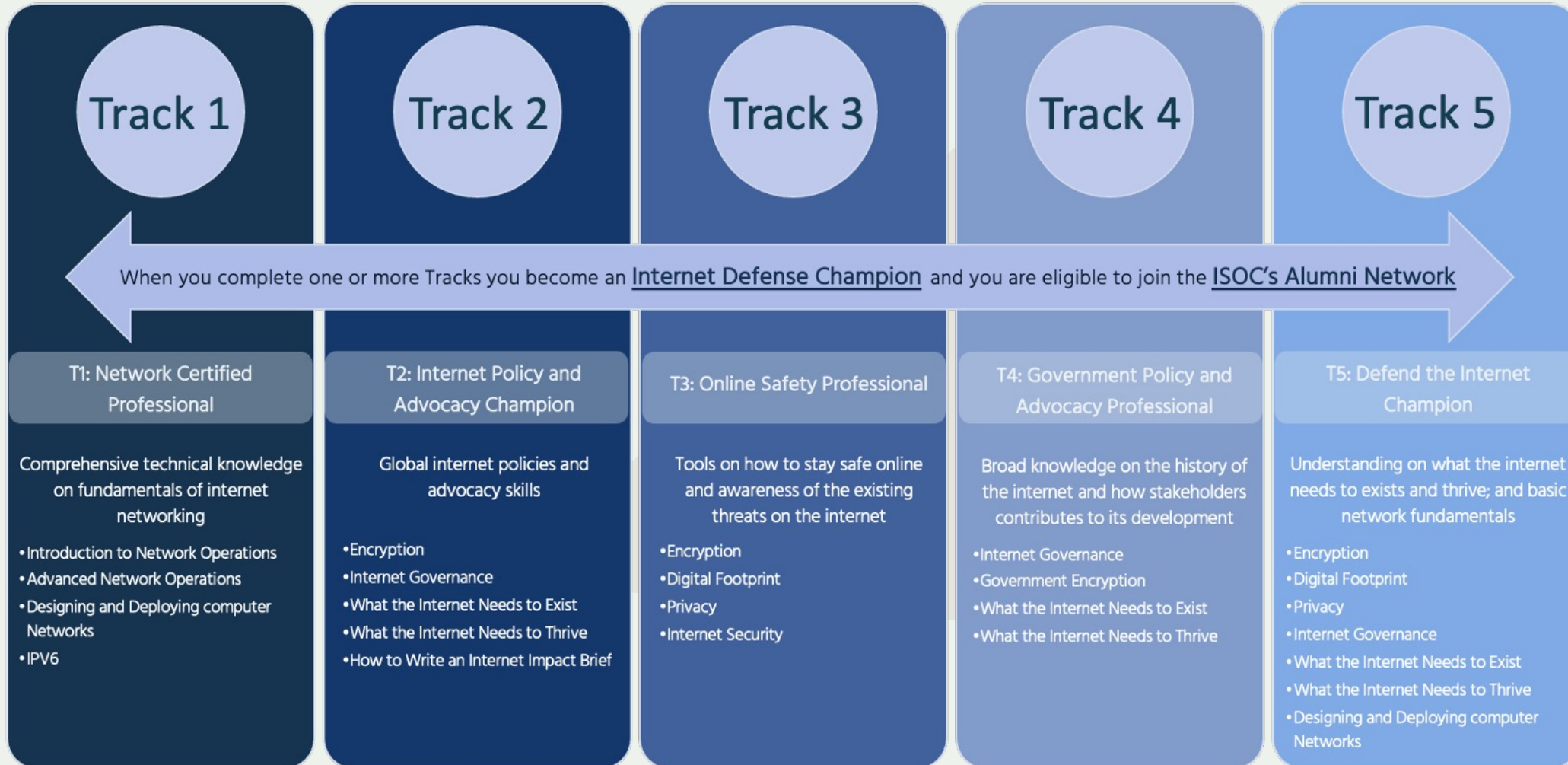
- Designing and Deploying Computer Networks (DDCN)
- Introduction to Network Operations 1.0
- Advanced Network Operations 2.0
- Mutually Agreed Norms for Routing Security (MANRS)

- Internet Governance (IG)
- Encryption
- What the Internet Needs to Exist
- What the Internet Needs to Thrive
- Community Networks Readiness Assessment

Course Catalog 2023: Self-paced

- Privacy
- Digital Footprints
- IXP 2.0
- How to write an Internet Impact Brief
- Internet Security – *coming soon*
- Internet Society Foundation Grant Application
- The Internet Society Chapters Management Essentials

Course Catalogue 2023 – Tracks



ISOC's Alumni Network

- ✓ Access to Learning @ Internet Society webinars
- ✓ Be potential tutors in the future
- ✓ Early access to new courses

Delivery of face-to-face training activities

Course: Designing and Deploying Computer Networks (DDCN)

Objective: train technicians to plan, design, deploy and maintain small cabled or Wi-Fi Local Area Networks (LAN) in residential and small businesses including connecting the LANs to an ISP.

Delivered to:

Learners (Groups of 25, combined with internship opportunities)

Teachers and trainers (From high-schools and TVETs, trained to deliver training to students)



Training of End-users in Bolivia



Training of End-users in Pakistan



Training of End-users in Morocco

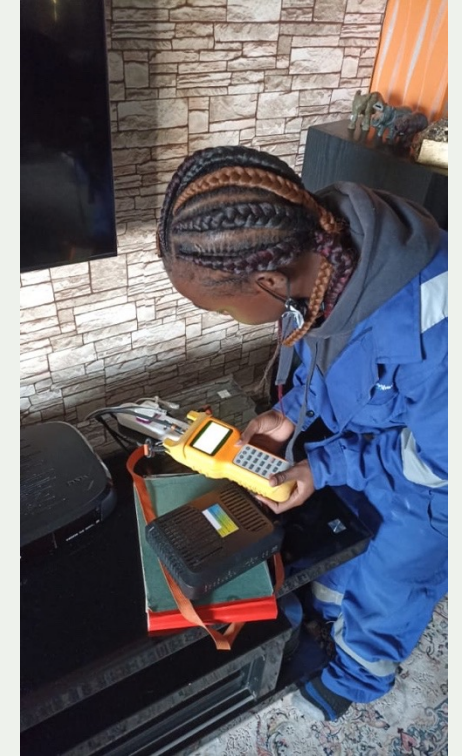


Training of Trainers in Zimbabwe



Internship for relevant and current Industry Skills

- Internship opportunities offered at local businesses
- Opportunity for each trainee to continue their learning in a hands-on setting
- Personalized mentorship offered as part of the internship
- Most of the trainees found employment thanks to the internship.



Badges & Certificates

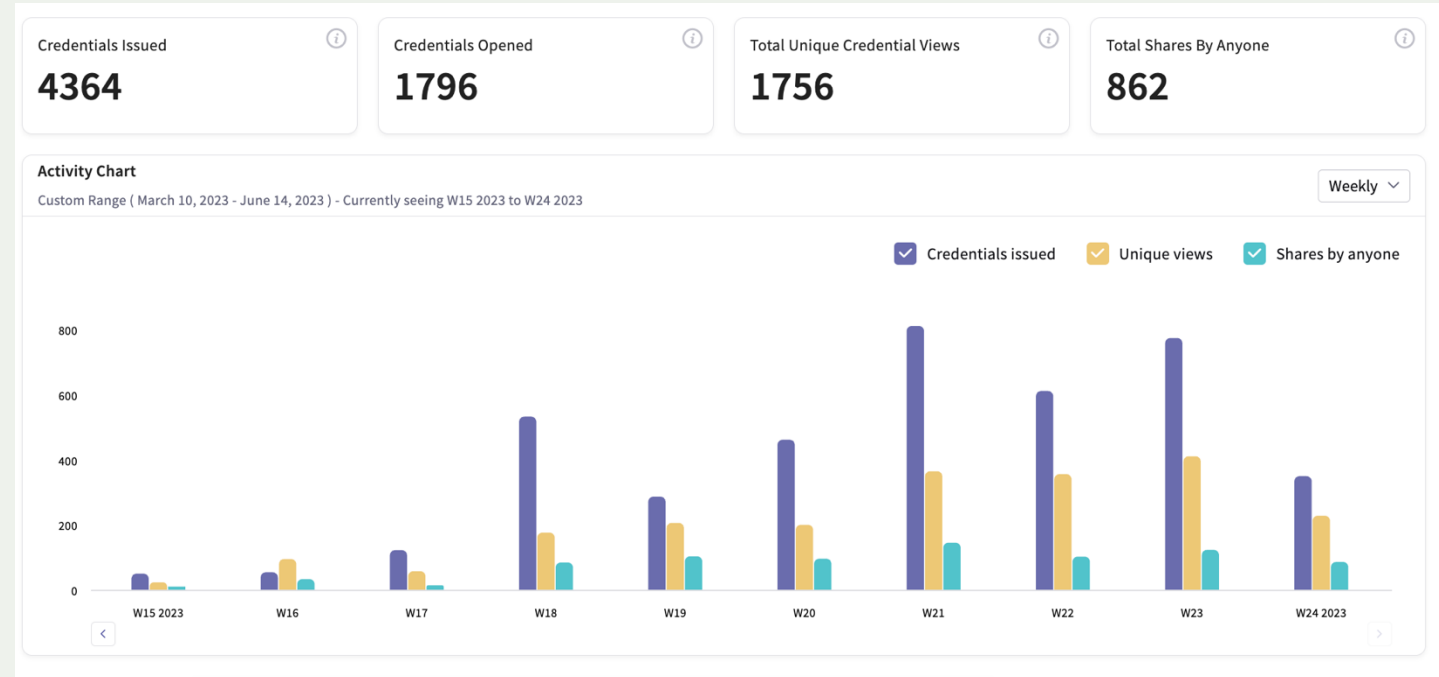
- Always Accessible
- Easily Shareable
- Print at Any Time
- Learning Verified
- Portable & Exportable Achievements



Gamification of Learning

- 266 Badges & Certificates
- 4364 issued credentials

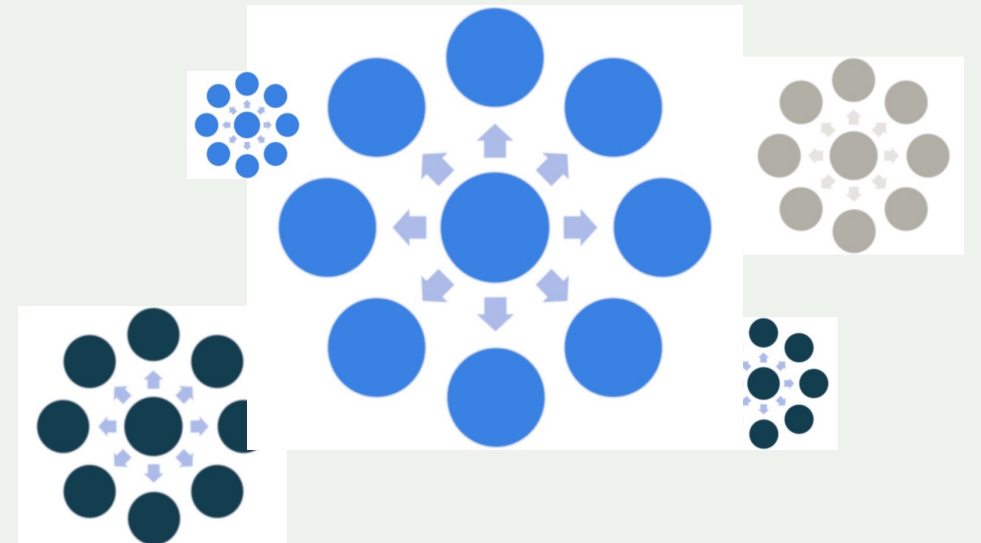
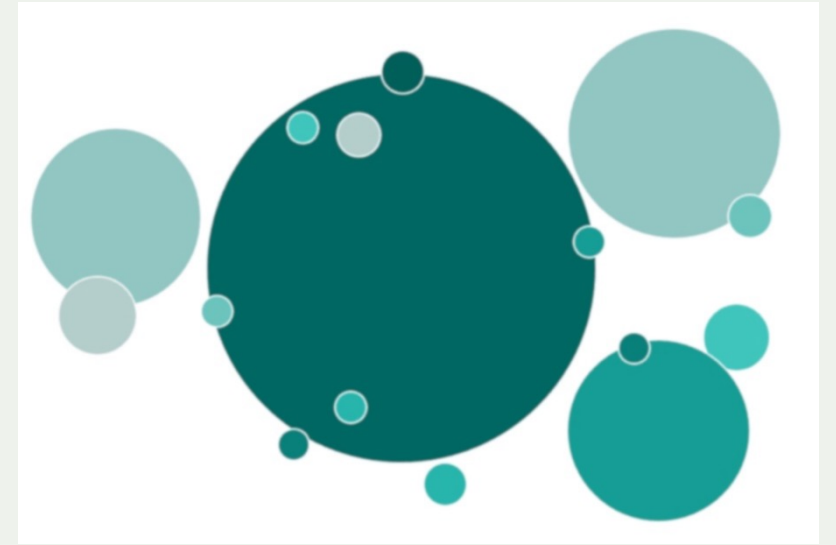
- LinkedIn 79 shares (64.2%)
- WhatsApp 18 shares (14.6%)
- Email 14 shares (11.4%)
- Facebook 8 shares (6.5%)
- Twitter 3 shares (2.4%)



Partner with local entities for training delivery

Recognizing authorised local and national training delivery partners help to:

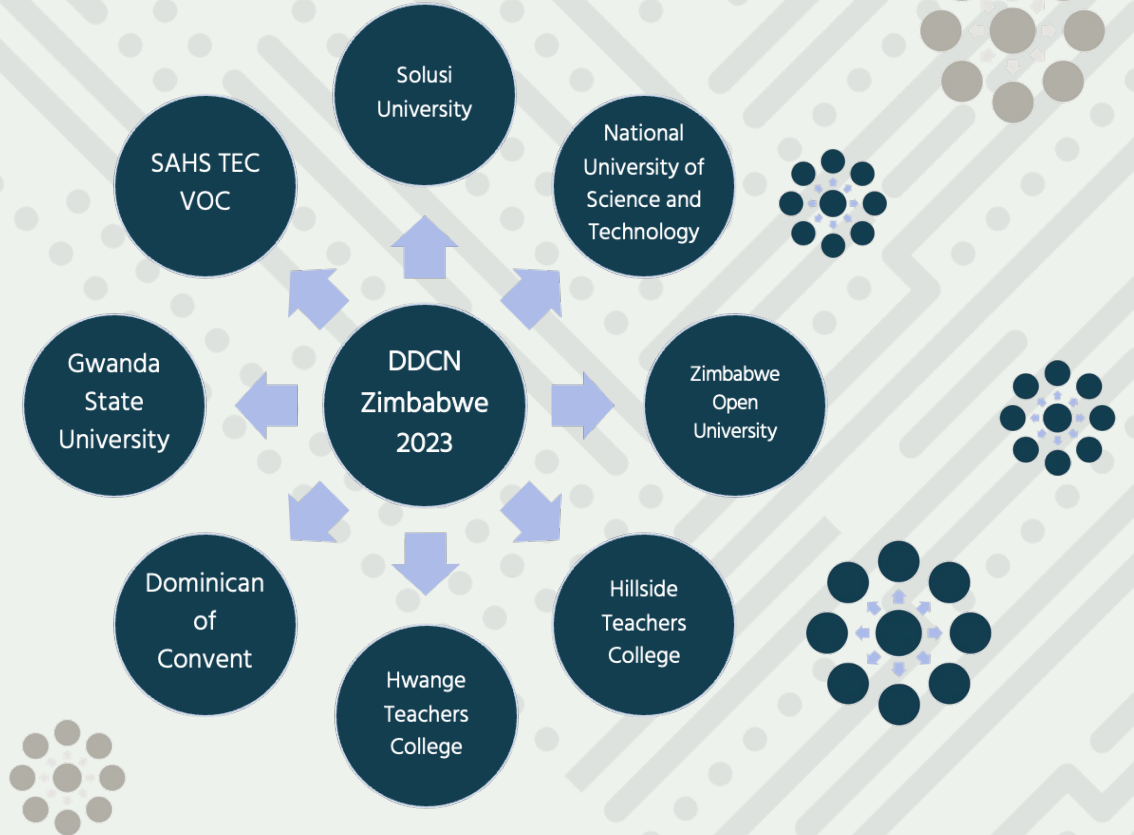
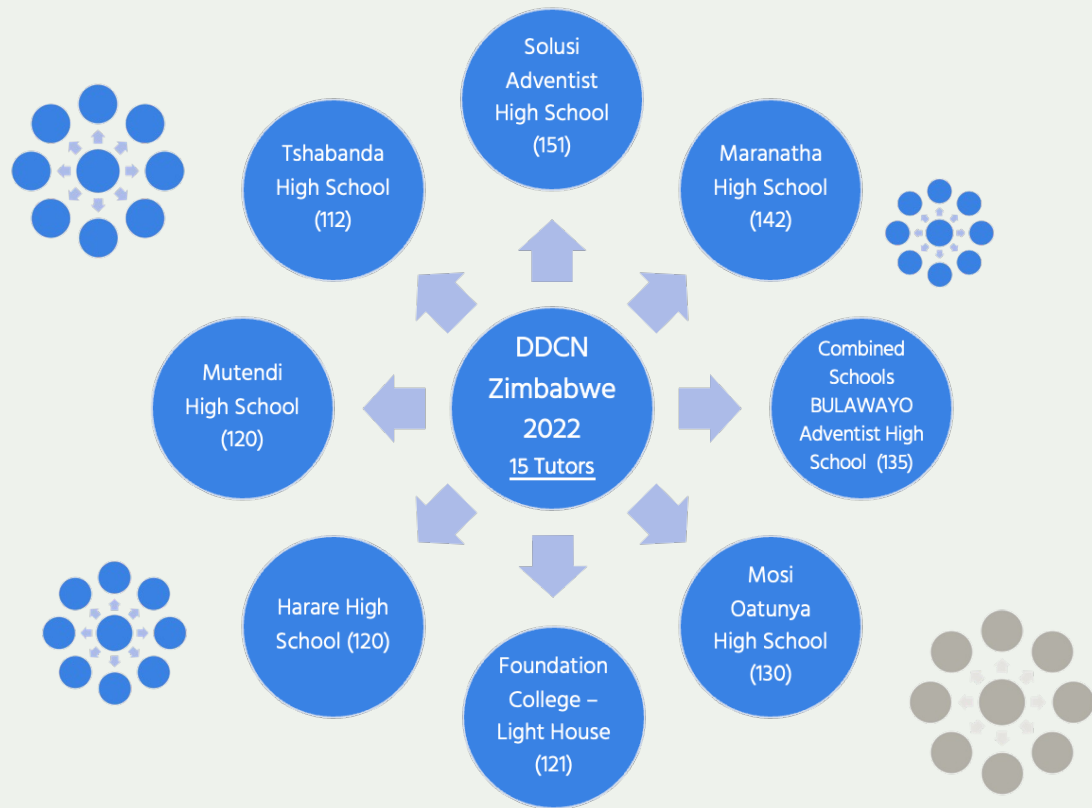
- Scale and reach underserved communities with hands-on training
- Build a community of people who will have skills and knowledge to sustainably support growing and strengthening the Internet
- 11 entities have been currently recognized as Internet Society training delivery partners.



Adopted Training Models

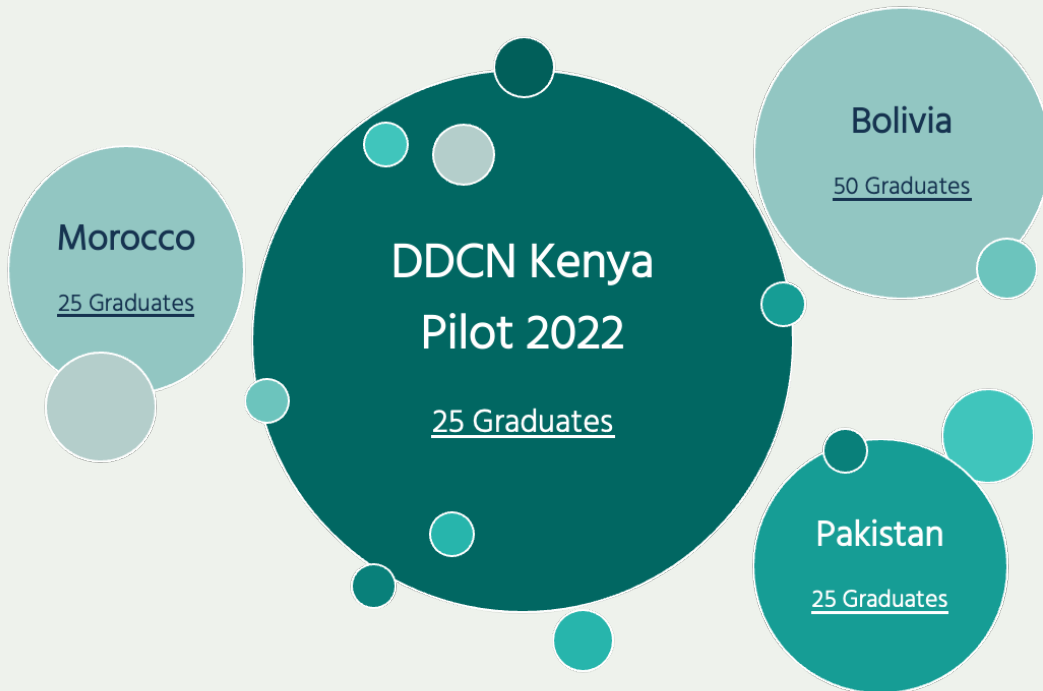


Train the Trainer Model



Adopted Training Models

End-user Training Model



Graduated

25 Kenya
25 Morocco
25 Bolivia
25 Pakistan



Employed

15 Kenya
5 Morocco
5 Pakistan



Plan for 2023

2 Training Centers in Kenya
1 Industrial High School in Bolivia

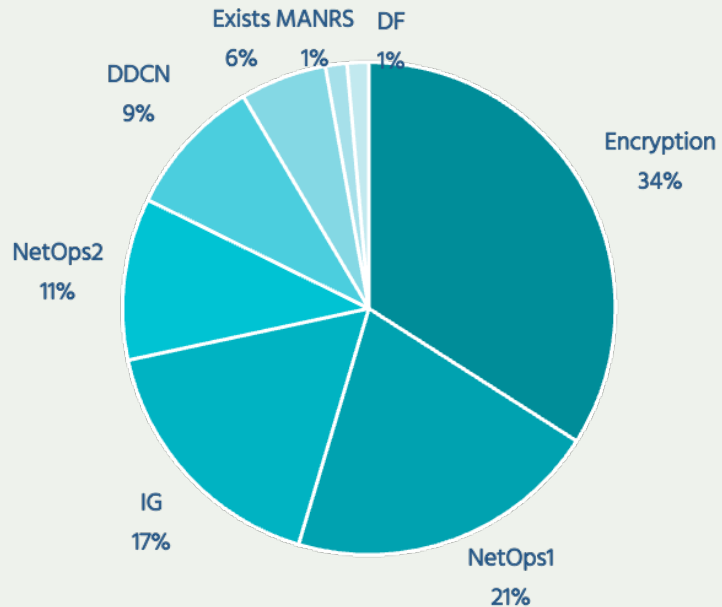


Training of Bespoke Groups

Bespoke Groups per Region 21/22/23

105 in Africa
14 in Latin America and Caribbean
8 in Asia-Pacific
1 in North America
13 Globally

Bespoke Groups Offered 21/22/23



Bespoke Groups per Year

2021: 7 2022: 100 2023 YTD: 34

- Training delivered to end-users and trainers, to increase local capacity and sustainability.
- 7 moderated courses available in 3 languages.
- 2 moderated courses available in Arabic.
- Delivered by ISOC tutors in collaboration with a partner entity outside of planned calendar delivery.
- The course is available to a specific target group of participants selected together with the partner entity.
- Flexibility is built in the delivery of the course in regard to duration of course content and timing.

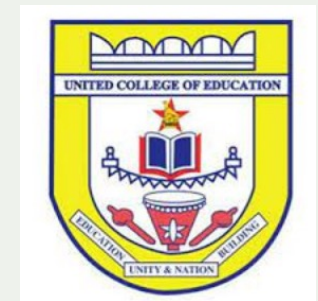


Training delivery for awareness raising

- Prior to main global and regional Internet events, the Internet Society delivers awareness raising training activities to policymakers such as parliamentarians and ambassadors.
- The courses are tailored to fit the interest of the target group and time limitation.
- Main global and regional Internet events include, among others, the Internet Governance Forum (IGF), African Peering and Interconnection Forum (AFPIF), The Middle East Network Operators Group Meeting and Peering Forum (MENOG), Asia Pacific Regional IGF (APrIGF) etc.



Organizations we work with



Kenya DDCN: WSIS Prizes Champion 2023

Designing and Deploying Computer Networks:
Enhancing Women's Employment in Tech

Category 18 – International and regional
cooperation

WSIS Prize Champion

WSIS Forum 2023: 13– 17 March 2023



Impact



The Alumni Network

[https://www.internetsociety.org/
shaping-future-of-the-
internet/alumni-network/](https://www.internetsociety.org/shaping-future-of-the-internet/alumni-network/)



Objective

Build an interactive **network** of empowered **Internet champions** who can connect, develop their skills, collaborate, and lead the way to defend an open, globally connected, secure, and trustworthy Internet!



Goals

Quality connections

Connect alumni with peers, Internet experts, and luminaries

Maintain a lively community of empowered Internet champions

Lifelong learning

Provide lifelong learning and skills development opportunities

Accelerate alumni career development

Community leadership

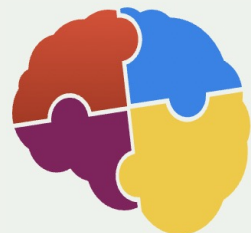
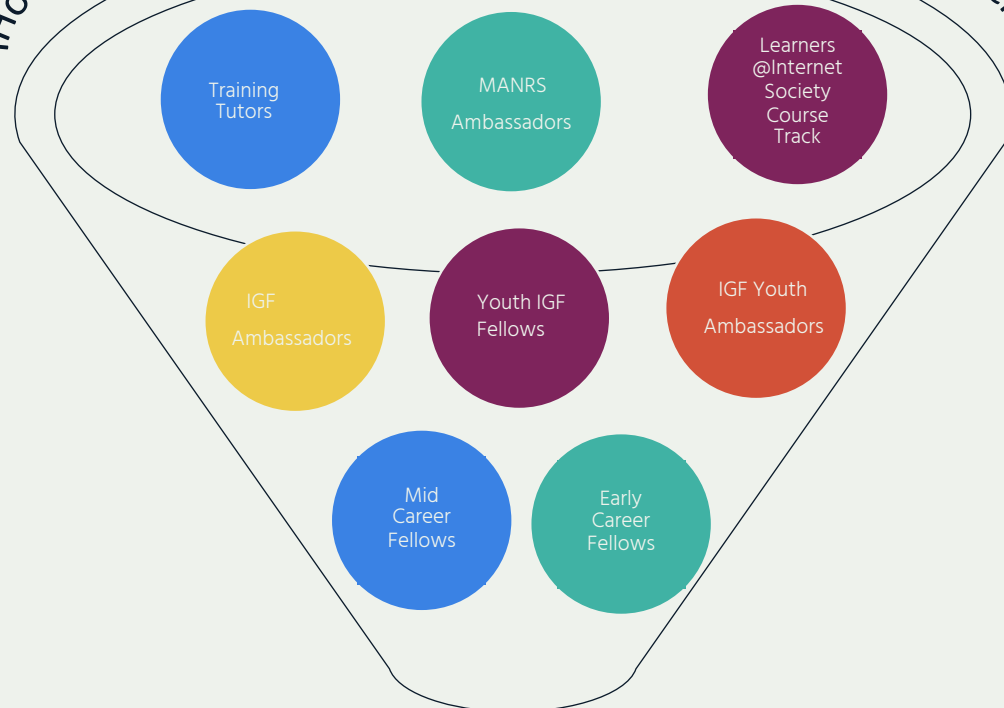
Empower alumni as community leaders

Involve alumni in the Internet Society projects and initiatives



Alumni

IHoFs & Postel Awardees as Mentors or Inspirational Speakers



Empowered Internet Champions

Main Activities



Global Alumni Event



Career Opportunities



Networking

Additional Opportunities



Attend Internet Society Events



Participate at Global Internet-Related Events



Contribute to Internet Society Projects & Initiatives



Thank you.

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